

3<sup>th</sup> INTERNATIONAL

# KORKUT ATA

SCIENTIFIC RESEARCH CONFERENCE

*November 22-24, 2024 / Bahçe, Osmaniye, Türkiye*



## *Abstract Book*

EDITORS

Assoc. Prof. Dr. Ahmet KARDAŞLAR

Assoc. Prof. Dr. Faruk MIKE

**III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH  
CONFERENCE**



**III. INTERNATIONAL KORKUT ATA  
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**November 22-24, 2024  
Osmaniye, Türkiye**

**Editors**

Assoc. Prof. Dr. Ahmet KARDAŞLAR

Assoc. Prof. Dr. Faruk MİKE

**Institute Of Economic Development And Social Researches Publications®**

(The Licence Number of Publicator: 2014/31220)

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Iksad Publications - 2024©

Issued: 03.12.2024

**ISBN - 978-625-367-970-5**

**November 22-24, 2024  
Osmaniye, Türkiye**

# CONGRESS ID

## TITLE OF CONGRESS

III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH  
CONFERENCE

## PARTICIPATION

Keynote & Invited

## DATE - PLACE

November 22-24, 2024  
Osmaniye, Türkiye

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Iraq, Ethiopia, Serbia, Sudan, Kosovo, Cameroon, Colombia, Nigeria,  
Bulgaria, Bosnia and Herzegovina, North Macedonia, Philippines, France

#### **TOTAL PAPERS: 583**

The number of abstracts from foreign countries: **301**

The number of abstracts from Türkiye: **282**

#### **LANGUAGES**

Turkish, English



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#### PHOTO GALLERY



November 22-24, 2024  
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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE



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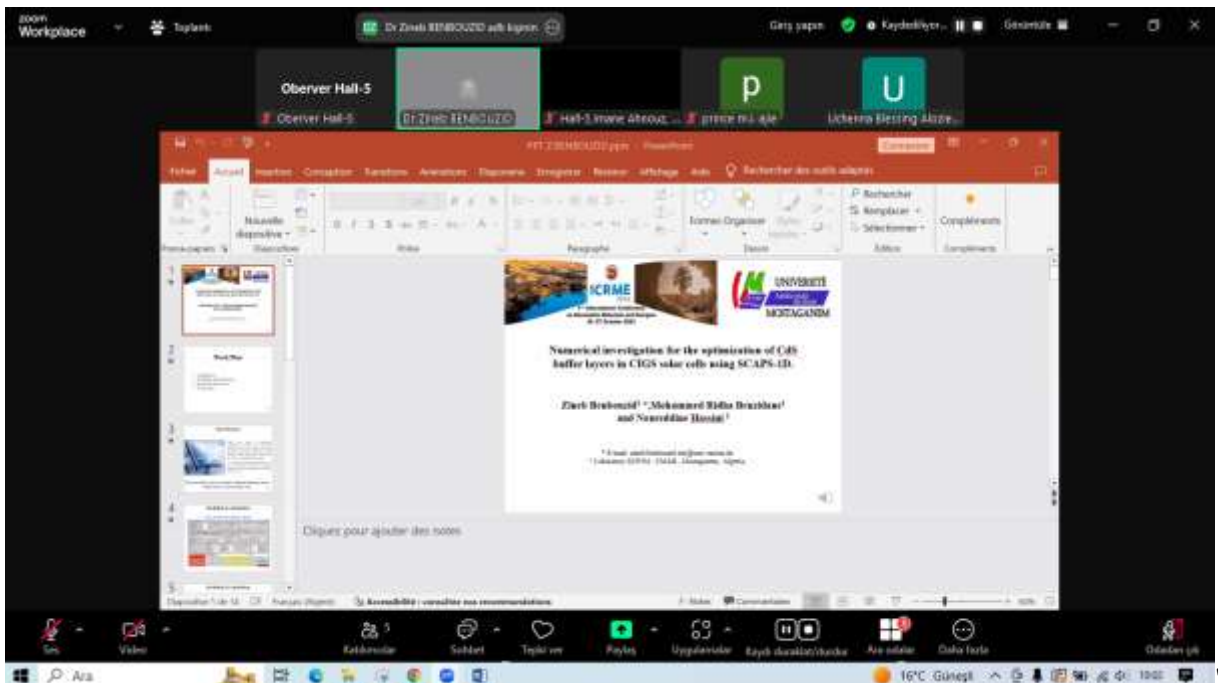
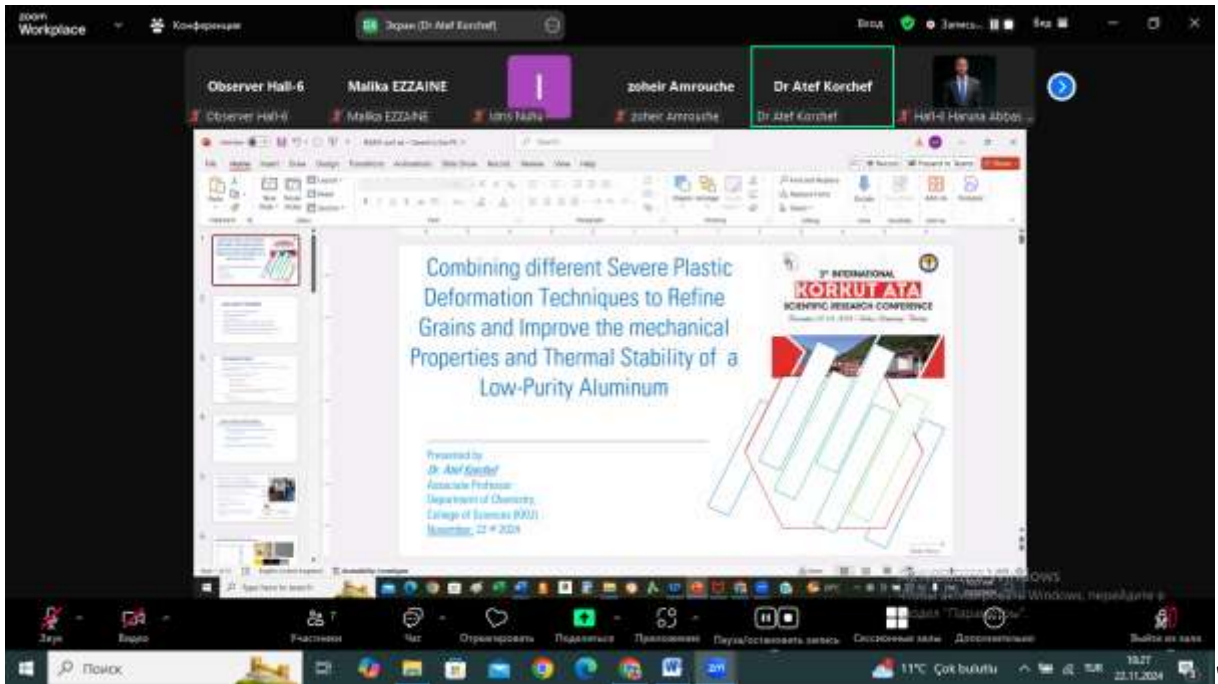
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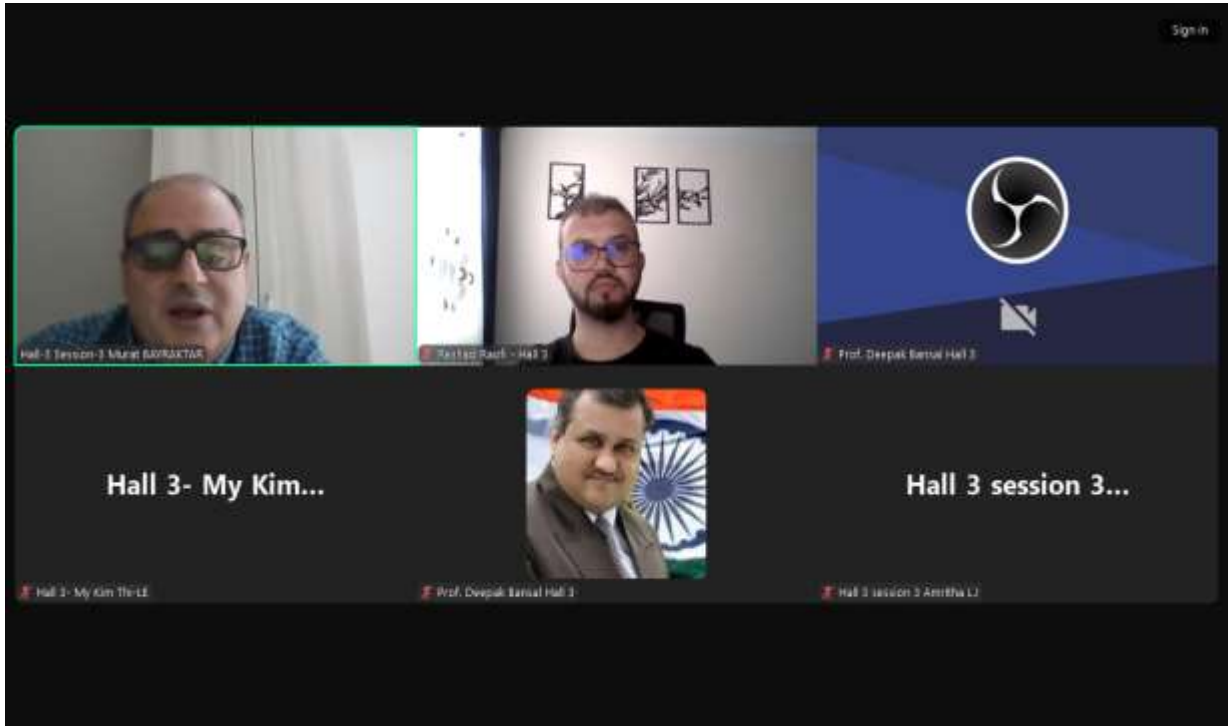
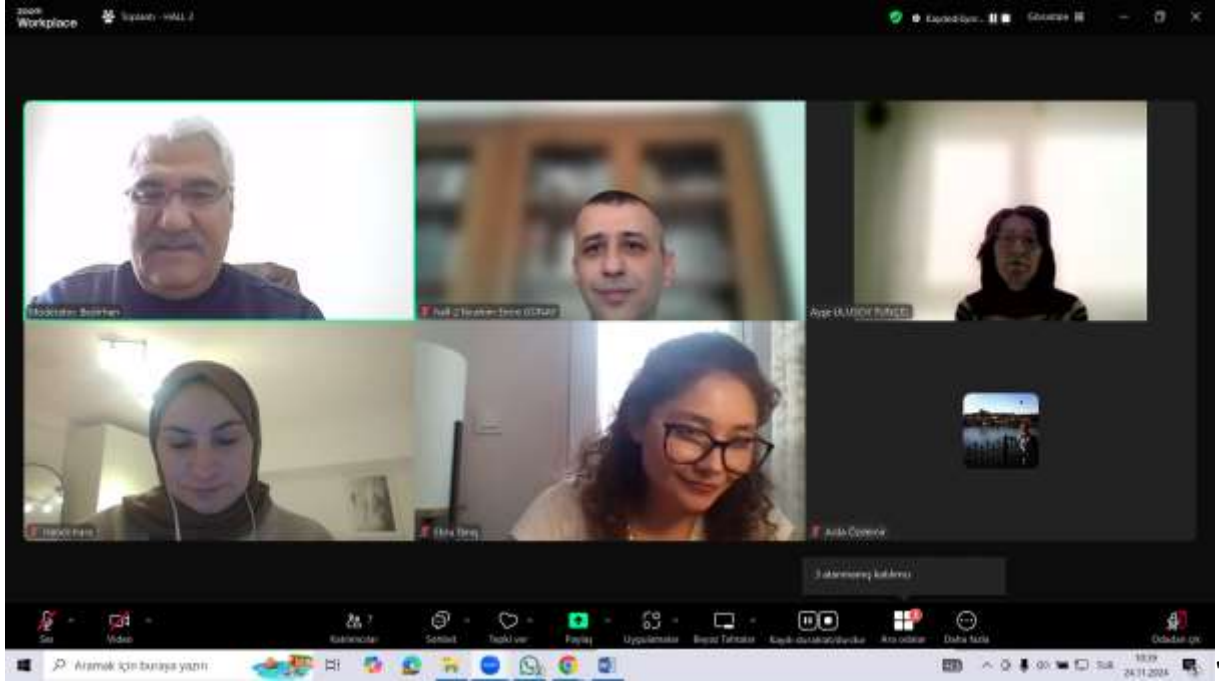
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ABSTRACT BOOK

November 22-24, 2024  
Osmaniye, Türkiye

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE



November 22-24, 2024  
Osmaniye, Türkiye



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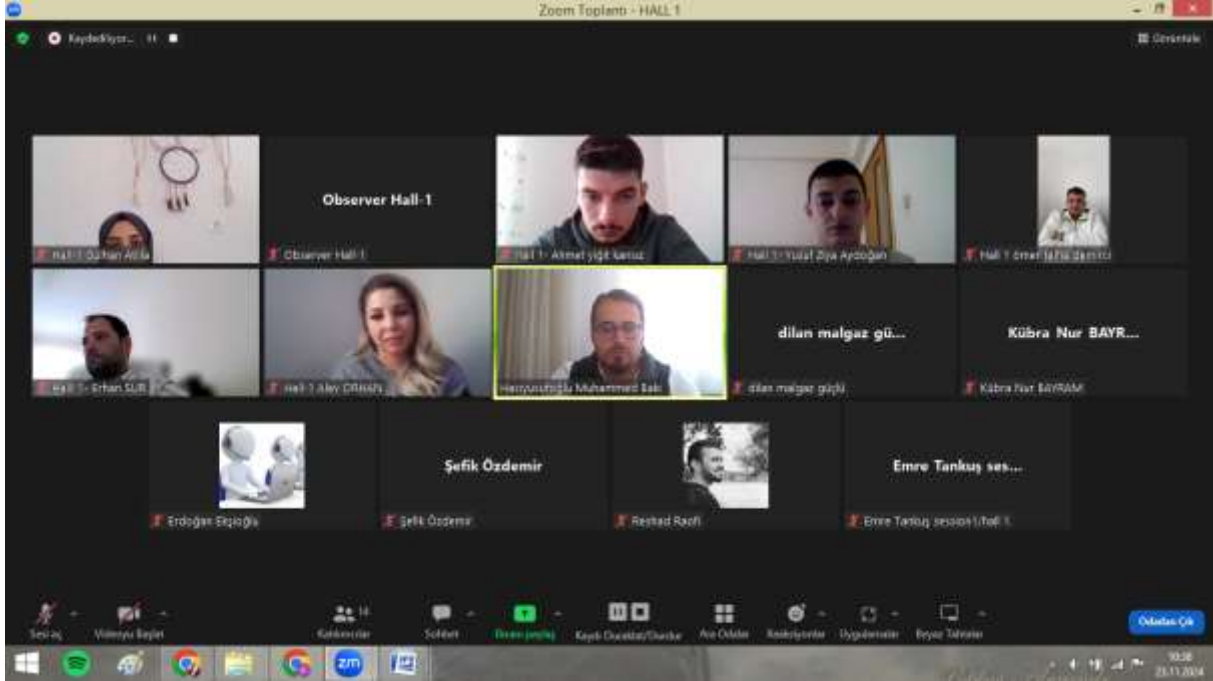


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3<sup>th</sup> INTERNATIONAL

# KORKUT ATA

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*Conference Program*

In-Person Presentation

# OPENING CEREMONY

22.11.2024

Ankara Local Time: 10:00 – 11:00

**Assoc. Prof. Dr. Ahmet KARDAŞLAR**

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FACE TO FACE HALL 1

Osmaniye Korkut Ata University, Bahçe Vocational School

22.11.2024

Moderator: Önder YAYLA

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
A STUDY ON THE DEVELOPMENT OF TURKISH COFFEE USING OSMANIYE PEANUTS	Şeyda YAYLA Önder YAYLA	Osmaniye Korkut Ata University, Türkiye
DEVELOPMENT OF VEGAN CHEESECAKE USING OSMANIYE'S GEOGRAPHICAL INDICATION PRODUCT PEANUT	Şeyda YAYLA Önder YAYLA	Osmaniye Korkut Ata University, Türkiye
DEVELOPMENT OF LOCAL GOVERNMENT REFORMS IN TURKEY AND CURRENT CHALLENGES	Ali GÖRGÜN	Çukurova University, Türkiye
1937-1944 YILLARI ARASI TÜRK RESMİNDE ANNE VE ÇOCUK BETİMLEMELERİ	Selma ŞAHİN Onur Berkay SAVCI	Osmaniye Korkut Ata University, Türkiye
GENDER POLITICS IN TURKIYE	Pürlen ÜÇER SUNAR	Independent researcher
THE DEVELOPMENT OF UNIVERSITIES FROM THE EARLY AGES TO THE MIDDLE AGES	Gülsüm Şimşek	Osmaniye Korkut Ata University, Türkiye
PRESS LAW STUDIES IN THE PERIOD OF 58TH AND 59TH GOVERNMENTS IN THE AXIS OF EUROPEAN UNION CRITERIA (AK PARTY PERIOD)	Erhan ALPASLAN Ahmet ÖZDEMİR	Kahramanmaraş Sütçü İmam University, Türkiye
EMOTIONAL STATES IN EARLY ADOLESCENCE PSYCHOLOGICAL FACTORS INFLUENCING THE MANIFESTATIONS	Gayupova Saodat Xamidovna Meyliyeva Mutabar Sayfullayevna	Chirchik State Pedagogical University, Uzbekistan
THE IMPROTANCE OF FEMALE LEADERSHIP IN EDUCATION AND ITS DEVELOPMENT	Khimmataliyev Dustnazar Omonovich Qorayev Samariddin Barakayevich Gopporova Odinoxon	Chirchik State Pedagogical University, Uzbekistan
MECHANISMS OF COMPREHENSIVE ACTIVITIES OF THE PEDAGOGICAL EDUCATION CLUSTER (THE CASE OF CHIRCHIK CITY)	Toshtemirova Saodat Abdurashidovna	Chirchik State Pedagogical University, Uzbekistan

FACE TO FACE HALL 2

Osmaniye Korkut Ata University, Bahçe Vocational School

22.11.2024

Moderator: Muhammed ORDU

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
EXAMINING THE NATURE-BASED ECOTOURISM POTENTIAL OF OSMANIYE PROVINCE	Aynur İNCE Aslı Özge ÖZGEN ÇİĞDEMLİ	Osmaniye Korkut Ata University, Türkiye
GEOTOURISM AND GEOPARKS AS AN ALTERNATIVE FORM OF TOURISM	Selma Güneş ZENGİN Aslı Öge ÖZGEN ÇİĞDEMLİ	Osmaniye Korkut Ata University, Türkiye
EXPORT-IMPORT BASED MACROECONOMIC PERFORMANCE ANALYSIS FOR THE COUNTRIES OF THE ORGANIZATION OF TURKIC STATES	Nazlı TEKMAN Muhammed ORDU	Osmaniye Korkut Ata University, Türkiye
UNITY OR SEPARATION? MACROECONOMIC POWER OF THE ORGANIZATION OF TURKIC STATES	Muhammed ORDU Nazlı TEKMAN	Osmaniye Korkut Ata University, Türkiye
ELECTRONIC GENERAL ASSEMBLY SYSTEM IN JOINT-STOCK COMPANIES	Süleyman KALENDER	Osmaniye Korkut Ata University, Türkiye
GENERAL PRINCIPLES OF THE LAW OF CORPORATE GROUPS AND THE CONSEQUENCES OF THE UNLAWFUL EXERCISE OF CONTROL	Süleyman KALENDER	Osmaniye Korkut Ata University, Türkiye
ANALYSIS OF WEAK-FORM MARKET EFFICIENCY IN AGRICULTURAL COMMODITY MARKETS: A STUDY ON COFFEE AND COCOA PRICES	Ferhat KARADEMİR Samet EVCİ	Osmaniye Korkut Ata University, Türkiye
BIBLIOMETRIC ANALYSIS ON ACCOUNTING AND AUDITING STUDIES IN TURKIC STATES	Tuğçe ALTAY Mustafa KILLI	Osmaniye Korkut Ata University, Türkiye
SUSTAINABILITY IN THE TURKISH FINANCE SECTOR: GREEN FINANCE AND THE FUTURE OF BANKING	Sevim EZGİ İSLAH Gülferah ERTÜRKMEN	Kahramanmaraş Sütçü İmam University, Türkiye

FACE TO FACE HALL 3

Osmaniye Korkut Ata University, Bahçe Vocational School

22.11.2024

Moderator: Mehmet ELA

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
AN EVALUATION OF MUSLIMS AND THE SPREAD OF ISLAM IN 19TH CENTURY ACCORDING TO THE GERMAN ORIENTALIST OSKAR MANN	Habibe TEMİZSU	Bingöl University, Türkiye
MANAGEMENT PROBLEMS IN NATURAL DISASTERS, PSYCHOSOCIAL AND ECONOMIC EFFECTS: THE CASE OF TÜRKİYE EARTHQUAKES	Erkin ARTANTAŞ Hakan GÜRSOY	Osmaniye Korkut Ata University, Türkiye HG Eğitim, Danışmanlık ve E-Ticaret, Ankara
AWARENESS OF STRATEGIC MANAGEMENT IN ENTERPRISES: THE CASE OF OSMANIYE PROVINCE	Abdurrahman AKMAN	Osmaniye Korkut Ata University, Türkiye
AN INSTITUTIONAL REVIEW ON THE IMPACT OF INDUSTRY 4.0 ON ACSAYIING EDUCATION	Ali YÖRÜK Murat KARAHAN	Osmaniye Korkut Ata University, Türkiye Gaziantep University, Türkiye
THE EFFECT OF INFORMAL ECONOMY ON TAX REVENUES IN TURKEY: AN EMPIRICAL ANALYSIS	Oğuzhan BOZATLI Mehmet ELA	Osmaniye Korkut Ata University, Türkiye
TRANSBOUNDARY WATER RESOURCES MANAGEMENT AND SECURITY IN CENTRAL ASIA: THE CASE OF KYRGYZSTAN	Upagül Rahmanova Elif Hatun Kılıçbeyli	Adana Alparslan Turkes Science and Technology University, Türkiye
POLITICAL SECURITY OF FINLAND AND NATO	Özlem Börklü Elif Hatun Kılıçbeyli	Adana Alparslan Turkes Science and Technology University, Türkiye

FACE TO FACE HALL 4

Osmaniye Korkut Ata University, Bahçe Vocational School

22.11.2024

Moderator: **Yunus Emre KAHRAMAN**

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
A META-ANALYSIS ON THE RELATIONSHIP BETWEEN SUSTAINABLE LEADERSHIP AND SUSTAINABLE PERFORMANCE	Selen UYGUNGİL ERDOĞAN Onur OKTAYSOY Ethem TOPÇUOĞLU	Osmaniye Korkut Ata University, Türkiye Kafkas University, Türkiye Giresun University, Türkiye
A META-ANALYSIS ON THE RELATIONSHIP BETWEEN SUSTAINABLE LEADERSHIP AND FRUGAL INNOVATION	Onur OKTAYSOY Ethem TOPÇUOĞLU Selen UYGUNGİL ERDOĞAN	Kafkas University, Türkiye Giresun University, Türkiye Osmaniye Korkut Ata University, Türkiye
SERVANT LEADERSHIP: DEFINITION PRINCIPLES AND EFFECTS	Büşra Pütün	Osmaniye Korkut Ata University, Türkiye
THE SIZE OF THE SHADOW ECONOMIES: EU COUNTRIES AND TURKEY	İpek DOĞAN ÖZER	Osmaniye Korkut Ata University, Türkiye
CREDIT CARD USAGE TRENDS IN TURKEY: ANALYSIS OF THE LAST TWO YEARS	Yunus Emre KAHRAMAN	Osmaniye Korkut Ata University, Türkiye
THE IMPACT OF HERD PSYCHOLOGY ON FINANCIAL DECISIONS: A BEHAVIOURAL PERSPECTIVE	Yunus Emre KAHRAMAN	Osmaniye Korkut Ata University, Türkiye
İSKENDERUN LOJİSTİK ŞİRKETLERİNE “ŞİKAYET VAR” SİTESİ ÜZERİNDEN SON ALTI AYDA PAYLAŞILAN ŞİKAYETLERİN İNCELENMESİ	Özgecan BÜLBÜL Emine Vasfiye KORKMAZ	Ziraat Bankası, İskenderun Şubesi İskenderun Teknik University, Türkiye
ASSESSING IN-SAMPLE AND OUT-OF-SAMPLE PERFORMANCE OF VOLATILITY MODELS: EVIDENCE FROM HIGH-LOW DIFFERENCE IN BORSA ISTANBUL	Burak Korkusuz	Osmaniye Korkut Ata University, Türkiye



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CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

FACE TO FACE HALL 5

Osmaniye Korkut Ata University, Bahçe Vocational School

22.11.2024

Moderator: Adem TUTAR

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
SEMANTICS AND EQUIVALENCE ISSUES IN TRANSLATION FROM RUSSIAN TO TURKISH: ANTON CHEKHOV'S STORY "MISERY"	Reşat YILDIZ	Ardahan University, Türkiye
ACCORDING TO THE BOOK OF DEDE KORKUT UNDERSTANDING OF PRAYER IN TURKS	Adem TUTAR	Osmaniye Korkut Ata University, Türkiye
AN EVALUATION ON THE EFFECT OF PUBLIC EDUCATION CENTER PROGRAMS IN TERMS OF THE MOTIVATION DEVELOPMENT OF PUBLIC OFFICIALS	Doğan PEKER İsmail KARAMİK Emre KARAKAYA	Ministry of National Education
MUNICIPALITIES IN STRUGGLE AGAINST POVERTY: THE EXAMPLE OF OSMANIYE	Doğan PEKER	Ministry of National Education
THE JOURNAL OF FOREST MEKTEB-İ ÂLİ	Bayram Fuat YILDIRIM Ümmügülsüm CANDEĞER	Osmaniye Korkut Ata University, Türkiye
OLIVE FARMING IN ADANA ACCORDING TO THE LOCAL PRESS (1935-1970)	Özgür ÖZDEMİR Ümmügülsüm CANDEĞER	Osmaniye Korkut Ata University, Türkiye
A SAGE SERVING THE TURKISH LANGUAGE: KORKUT ATA	Mustafa TANÇ	Osmaniye Korkut Ata University, Türkiye
THE UTI POSSIDETIS EFFECT AS THE MAIN PROBLEM OF CONFLICTS IN AFRICA IN THE POST-INDEPENDENCE MOVEMENTS PERIOD	Cihan DABAN	Mersin University, Türkiye

FACE TO FACE HALL 6

Osmaniye Korkut Ata University, Bahçe Vocational School

22.11.2024

Moderator: Ömer LEKESİZ

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
PHARMACOKINETICS AND TISSUE RESIDUE LEVELS OF FLUMEQUINE IN DUCKS AFTER ORAL ADMINISTRATION	Orhan ÇORUM Kamil ÜNEY Duygu DURNA ÇORUM Devran COŞKUN Hatice Rumeysa CEYHAN Şerafettin KARTAL Fatma AKIN Muammer ELMAS	Hatay Mustafa Kemal University, Türkiye Siirt University, Türkiye Osmaniye Korkut Ata University, Türkiye
USE OF SILDENAFIL IN VETERINARY MEDICINE	Hatice Rumeysa CEYHAN Duygu DURNA ÇORUM Orhan ÇORUM	Osmaniye Korkut Ata University, Türkiye Hatay Mustafa Kemal University, Türkiye
VARROVA FIGHT IN HONEY BEES	Süher İşlek Alaeddin YÖRÜK	Osmaniye Korkut Ata University, Türkiye
GIDA GÜVENLİĞİ VE KALİTESİNİ İYİLEŞTİRMEK İÇİN TERMAL OLMAYAN YENİ TEKNOLOJİLER	Pembe Evcı ÇÜRÜK Fatma HEPSAĞ	Osmaniye Korkut Ata University, Türkiye
GIDA İŞLEMEDE YENİ TERMAL TEKNOLOJİLERİN KULLANILMASI	Fatma HEPSAĞ Pembe Evcı ÇÜRÜK	Osmaniye Korkut Ata University, Türkiye
THE USE OF DIATOM INDICES FOR DETERMINING WATER QUALITY IN FRESHWATER ECOSYSTEMS	Ömer LEKESİZ	Osmaniye Korkut Ata University, Türkiye
VOCATIONAL QUALIFICATION AND ITS ROLE IN THE LOGISTICS INDUSTRY: A REVIEW IN THE CONTEXT OF TURKIYE	Mesut Selamoglu	Osmaniye Korkut Ata University, Türkiye
BURNOUT AMONG CAREGIVERS IN PALLIATIVE CARE	Ejdane COŞKUN Melda MENGİLLİ Melek AYDOĞAN Eyüp GÖKŞEN	Osmaniye Korkut Ata University, Türkiye
COMPLEMENTARY AND INTEGRATED THERAPY IN PALLIATIVE CARE PATIENTS AND NURSİNG	Ejdane COŞKUN Gamze KÖKBAŞ Gizem HOLT Meltem KILIÇ	Osmaniye Korkut Ata University, Türkiye

FACE TO FACE HALL 7

Osmaniye Korkut Ata University, Bahçe Vocational School

22.11.2024

Moderator: **Fatih Çağatay BAZ**

Ankara Local Time: **14:00 – 16:00**

Title	Author(s)	Affiliation
ARTIFICIAL INTELLIGENCE BASED CROSSWALK VIOLATION DETECTION	Mehmet Fatih TEFEK Haydar TUNA	Osmaniye Korkut Ata University, Türkiye
USAGE AND APPLICATIONS OF AI TOOLS IN BASIC ENGINEERING EDUCATION	Mehmet Fatih TEFEK Haydar TUNA Özcan YIRTICI	Osmaniye Korkut Ata University, Türkiye
REVIEW OF THESES ON ARTIFICIAL INTELLIGENCE IN THE FIELD OF MANAGEMENT INFORMATION SYSTEMS	Fatih Çağatay BAZ Kadir ULUDAĞ	Osmaniye Korkut Ata University, Türkiye
TWIN TRANSITION EXAMPLES IN TURKEY AND THE WORLD	Fatih Çağatay BAZ Ayhan YILDIRIM	Osmaniye Korkut Ata University, Türkiye
HEART ATTACK PREDICTION WITH MACHINE LEARNING ALGORITHMS	Ahmet ÇANKAL Ahmet Barış DÜZGÜN Abdurrahman Emir KÖSE	Osmaniye Korkut Ata University, Türkiye
A CONSTRUCTION OF CYCLIC DNA CODES OVER THE RING $Z_4+uZ_4+vZ_4+uvZ_4$	Cennet ESKAL Basri ÇALIŞKAN	Osmaniye Korkut Ata University, Türkiye
MACHINE LEARNING ALGORITHMS USED IN FRAUD AUDITING	Demet EVER	Osmaniye Korkut Ata University, Türkiye
HİSSE SENEDİ FİYAT TAHMİNİNDE YAPAY ZEKÂ ALGORİTMALARI VE ARIMA: BİST100 ÖRNEĞİ	Gökhan GÜVEN Mehmet CİHANGİR	İskenderun Teknik University, Türkiye Osmaniye Korkut Ata University, Türkiye
A REVIEW ON THE CONCEPTS OF BIOSECURITY, BIOSMUGGLING AND BIOPIRACY	Ali AÇIKGÖZ Çisem YILMAZ Oğuzhan KOÇER Mustafa SEVİNDİK	Osmaniye Korkut Ata University, Türkiye
ON-SITE AND NON-DESTRUCTIVE DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE	Belkıs Elyiğit Cevdet Emin Ekinci	Fırat University, Türkiye

FACE TO FACE HALL 8

Osmaniye Korkut Ata University, Bahçe Vocational School

22.11.2024

Moderator: Eyyup TEL

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
ROLE OF POROSITY IN MATERIALS FOR POTENTIAL USE AS LOAD-BEARING IMPLANTS	Eyyüp Murat KARAKURT	Osmaniye Korkut Ata University, Türkiye
PRESSURE CONTROLLED COOLING SYSTEM TRAINING SET DEVELOPMENTS AND INNOVATIONS OF RESONATOR DESIGN IN THERMOACOUSTIC REFRİGERATION	Ganime Tuğba Önder	Çukurova University, Türkiye
STRUCTURE AND MORPHOLOGY OF FRUITING BODIES IN MYXOMYCETES (MYXOGASTREA) III: CALYCVLUS	Netice DUMAN	Sivas Cumhuriyet University, Türkiye
THE GENUS ENERTHENEMA BOWMAN (MYXOMYCETES) IN TÜRKİYE	Hayri BABA Mustafa SEVİNDİK	Hatay Mustafa Kemal University, Türkiye Osmaniye Korkut Ata University, Türkiye
CALCULATIONS OF <sup>208</sup> PB (n,e) NEUTRON SCATTERING DIFFERENTIAL CROSS SECTIONS	Eyyup TEL Taner DİLBEROĞLU Mustafa YİĞİT	Osmaniye Korkut Ata University, Türkiye Aksaray University, Türkiye
CALCULATION OF (n,p) CROSS SECTIONS ON 54,56Fe ISOTOPES	Mustafa YİĞİT Gülşah YILMAZ Eyyup TEL	Aksaray University, Türkiye Osmaniye Korkut Ata University, Türkiye
PERFORMANCE ANALYSIS OF DIFFERENT LEARNING ALGORITHMS FOR BORSA ISTANBUL BİST (100) PREDICTION WITH ARTIFICIAL NEURAL NETWORKS	İpek KALYONCU Ayşenur GÜRGEN	Osmaniye Korkut Ata University, Türkiye

FACE TO FACE HALL 9  
Osmaniye Korkut Ata University, Bahçe Vocational School

22.11.2024

Moderator: Mustafa SEVİNDİK

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
DETERMINATION OF SAPLING DEVELOPMENT PERFORMANCES OF DOMAT OLIVE CULTIVAR GRAFTED ONTO DIFFERENT WILD OLIVE ( <i>OLEA EUROPAEA</i> L. SUBSP. <i>OLEASTER</i> ) ROOTSTOCK CANDIDATES DETERMINED BY SELECTION BREEDING FROM HATAY HASSA	Yazgan TUNÇ Sefer DEVİREN Kadir Uğurtan YILMAZ	Ministry of Agriculture and Forestry, Türkiye Kahramanmaraş Sütçü İmam University, Türkiye
MEDICINAL AND AROMATIC PLANTS WITH GEOGRAPHICAL İNDICATION IN MERSİN PROVINCE	Berna DEMİR Ahmet İLÇİM	Mersin University, Türkiye Mustafa Kemal University, Türkiye
SOME PLANT SPECIES USED IN OBTAINING NATURAL DYES IN MUT DISTRICT OF MERSİN PROVINCE	Berna DEMİR Ahmet İLÇİM	Mersin University, Türkiye Mustafa Kemal University, Türkiye
A SLIME MOLD (PROTOSTELID) GENUS WITH EXOSPORE; CERATIOMYXA J. SCHRÖT	Emre Cem Eraslan Hayri BABA	Akdeniz University, Türkiye Hatay Mustafa Kemal University, Türkiye
OCCURRENCE AND DISTRIBUTION OF THE CERATIOMYXA J. SCHRÖT. GENUS (SLIME MOLD; PROTOSTELID) IN TÜRKİYE	Emre Cem Eraslan Hayri BABA	Akdeniz University, Türkiye Hatay Mustafa Kemal University, Türkiye
DEVELOPMENTS İN ORGANİC CROP PRODUCTION AND TRADE İN THE WORLD AND TURKEY	Mehmet KÖSTÜ Nermin BAŞİ	Osmaniye Korkut Ata University, Türkiye
FIELDS OF ACTIVITY OF WOMEN'S CO-OPERATIVES İN MERSİN AND THEIR CONTRIBUTION TO THE LOCAL ECONOMY	İnci KIRAT Nermin BAŞİ	Osmaniye Korkut Ata University, Türkiye
APIUM GRAVEOLENS İN TERMS OF BIOLOGICAL ACTIVITIES	Mustafa SEVİNDİK	Osmaniye Korkut Ata University, Türkiye
A REVIEW ON THE BIOLOGICAL ACTIVITIES OF THE FRAGRANT VIOLET PLANT	Mustafa SEVİNDİK	Osmaniye Korkut Ata University, Türkiye
REVIEW ON BIOLOGICAL ACTIVITIES OF WHITE MUSTARD	Oğuzhan KOÇER Mustafa SEVİNDİK İmran UYSAL	Osmaniye Korkut Ata University, Türkiye
A REVIEW ON BIOLOGICAL ACTIVITIES OF ST. JOHN'S WORT	Oğuzhan KOÇER Mustafa SEVİNDİK İmran UYSAL	Osmaniye Korkut Ata University, Türkiye

FACE TO FACE HALL 10  
Osmaniye Korkut Ata University, Bahçe Vocational School  
22.11.2024  
Moderator: İmran UYSAL  
Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
CULTIVATION POTENTIAL OF SOME MEDICINAL PLANTS NATIVE TO ANTALYA	Orhan Ünal Meryem Gökoğlu Lazat Karabalayeva	Akdeniz University, Türkiye
SOME ENDEMIC PLANTS OF ANTALYA	Orhan Ünal	Akdeniz University, Türkiye
ANA ÜRÜN MISIR TARIMINDA ÜRE GÜBRESİNE KARŞIN FARKLI FORMLARDA ÜST GÜBRE KULLANIMININ BAZI VERİM VE KALİTE KRİTERLERİ ÜZERİNE ETKİSİ	Ali Bahadır KÜR Sait AYKANAT Selcan AKKOYUN	Provincial Directorate of Agriculture and Forestry- Osmaniye Eastern Mediterranean Agricultural Research Institute Directorate-Adana
DOĞU AKDENİZ BÖLGESİNDE ANA ÜRÜN MISIR VE PAMUK TARIMINDA BİYOKÜTLE POTANSİYELİNİN BELİRLENMESİ	Sait AYKANAT Mehmet Emin BİLGİLİ Nurten KURT Cengiz MERT Ahmet ÖZKÜTÜK Ali Bahadır KÜR	Provincial Directorate of Agriculture and Forestry- Osmaniye Eastern Mediterranean Agricultural Research Institute Directorate-Adana
INVESTIGATION OF HONEY FROM BITLİS, DIYARBAKIR, MUS AND VAN REGIONS IN TERMS OF PALINOLOGICAL PARAMETERS	Sıdıka KÖK Menderes ÇENET	Osmaniye Korkut Ata University, Türkiye
MEDICINAL POTENTIALS OF AVERRHOA CARAMBOLA	İmran UYSAL	Osmaniye Korkut Ata University, Türkiye
PHARMACOLOGICAL POTENTIAL OF HORSETAIL	İmran UYSAL	Osmaniye Korkut Ata University, Türkiye
ANTIOXIDANT ACTIVITIES AND ELEMENT CONTENTS OF PANUS CONCHATUS	Ayşenur GÜRGEN	Osmaniye Korkut Ata University, Türkiye

FACE TO FACE HALL 11  
Osmaniye Korkut Ata University, Bahçe Vocational School

22.11.2024

Moderator: Hilal KUŞCU KARATEPE

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
THE RELATIONSHIP BETWEEN SLEEP DISORDERS AND DEPRESSION IN PREGNANT WOMEN AFTER AN EARTHQUAKE: A CROSS-SECTIONAL STUDY	Esra ÜNAL Hatice Aslıhan HACIMUHİTTİNOĞULLARI	Osmaniye Korkut Ata University, Türkiye
THE MEDIATING ROLE OF MOTIVATION TO PLAY DIGITAL SPORTS GAMES ON THE IMPACT OF SPORTS PASSION ON TASK PERFORMANCE IN SPORTS AMONG ATHLETES	Orçun KEÇECİ Yasemin KÖROĞLU	Osmaniye Korkut Ata University, Türkiye
EFFECTS OF CLIMATE CHANGE ON CHRONIC DISEASES AND NURSING	Semra USTA Emine KAPLAN SERİN	Bahçe State Hospital, Türkiye Mersin University, Türkiye
THE RELATIONSHIP BETWEEN NURSES' PERCEPTION OF DISASTER PREPAREDNESS AND COMPASSION SATISFACTION	Semra USTA Emine KAPLAN SERİN	Bahçe State Hospital, Türkiye Mersin University, Türkiye
PARENTS' METAPHORICAL PERCEPTIONS ABOUT GIFTED CHILDREN AND SCIENCE AND ART CENTER	Gökay ATILGAN Yusuf Oktay ATILGAN Mehmet YAŞAR Emiş ATILGAN	Anadolu University, Türkiye Ministry of National Education
THE GIFTED CHILD THROUGH THE EYES OF PARENTS: EXPLORING THE ORIGINS OF HIGH IQ	Gökay ATILGAN Yusuf Oktay ATILGAN Mehmet YAŞAR Emiş ATILGAN	Anadolu University, Türkiye Ministry of National Education
EXAMINATION OF INCLUSIVE LEADERSHIP LEVELS IN TERMS OF SOCIO-DEMOGRAPHIC VARIABLES OF NURSES	Emine YILMAZ ATİK Hilal KUŞCU KARATEPE	Osmaniye Korkut Ata University, Türkiye
DETERMINATION OF NURSES' LEVEL OF QUIET QUITTING	Hilal KUŞCU KARATEPE Emine YILMAZ ATİK	Osmaniye Korkut Ata University, Türkiye
DETERMINING THE LEVEL OF KNOWLEDGE ABOUT BREAST CANCER AMONG FEMALE STUDENTS STUDYING AT A HEALTH SERVICES VOCATIONAL SCHOOL	Deniz Zeynep SÖNMEZ	Osmaniye Korkut Ata University, Türkiye



3<sup>th</sup> INTERNATIONAL

# KORKUT ATA

SCIENTIFIC RESEARCH CONFERENCE

*November 22-24, 2024 / Bahçe, Osmaniye, Türkiye*



*Conference Program*

Online Presentation



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- ❖ All congress participants can connect live and listen to all sessions.
- ❖ Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

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**Meeting ID: 813 0348 3436**

**Passcode: 222333**

# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 1 / Hall-1

22.11.2024

**Moderator: Lect. Dr. Zehra YILMAZER**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
ANALYSIS OF THE ELEMENTS IN THE CULTURE SHOWCASE IN TEACHING TURKISH AS A FOREIGN LANGUAGE TEXTBOOKS: KEY (A2 LEVEL)	Gönül SÖYLER	Kahramanmaraş Sütçü İmam University, Türkiye
EXAMINING THE IMPACT OF CHESS INSTRUCTION ON COGNITIVE AND ACADEMIC SKILLS	Mustafa Sencer ULEMA	Gaziantep University, Türkiye
DEVELOPMENT OF THE SCALE OF PERCEIVED AFFECTIVE AND COGNITIVE BARRIERS TO LEARNING: VALIDITY AND RELIABILITY STUDY	Sevim BAHADIR Hasan Güner BERKANT	Çukurova Elektrik Anadolu Lisesi, Kahramanmaraş, Türkiye Yozgat Bozok University, Türkiye
BARRIERS THAT APPEAR DURING THE FORMATION OF COMMUNICATIVE COMPETENCIES IN FOREIGN LANGUAGE TEACHING AND THEIR SOLUTIONS	Mammadzada Raziyya Vugar Ajdarli Sadaf Elnur	Mingachevir State University
CONSPICUOUS CONSUMPTION, FOOD AND IDENTITY RELATIONSHIP	Elanur AYDIN	Mardin Artuklu University, Türkiye
WOMEN'S EDUCATION IN TURKEY BETWEEN 2000-2023: AN OVERVIEW	Ceyda AKILLI Muhammed TURHAN	Fırat University, Türkiye
ANALYSIS OF LEARNING SKILLS BASED ON WEB OF SCIENCE DATABASE	Zehra YILMAZER	Sivas Cumhuriyet University, Türkiye
EXAMINING UNDERGRADUATE STUDENTS' OPINIONS ON GEOSCIENCE LITERACY: CASE OF HATAY PROVINCE	Güneş KESKİN ÇEVİK Gökhan ÇEVİK	Mersin University, Türkiye İskenderun Teknik University, Türkiye

**All participants must join the conference 10 minutes before the session time.**

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### III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 1 / Hall-2

22.11.2024

**Moderator: Dr. Hamidullah YAŞAR**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
THERMAL PERFORMANCE OF NANOFUIDS UNDER THE INFLUENCE OF MAGNETIC FIELD	Hamza ERTÜRK Tarkan KOCA	İnönü University, Türkiye
NANOFUIDS AND PRODUCTION METHODS	Hamza ERTÜRK Tarkan KOCA	İnönü University, Türkiye
DESIGN OF ANTI-REFLECTION COATING ON GE SUBSTRATE AND EFFICIENCY ON LONG WAVE INFRARED BAND (LWIR)	Yusuf Furkan IŞILDAK	Gazi University, Türkiye
DEVELOPMENT OF A NEXT-GENERATION DESIGN PROGRAM FOR UNMANNED GROUND VEHICLE TECHNOLOGY	Cüneyd Demir Mustafa Bozdemir	Kırşehir Ahi Evran University, Türkiye Kırıkkale University, Türkiye
UNMANNED GROUND VEHICLES IN THE NATIONAL DEFENSE INDUSTRY: ADVANCEMENTS OVER THE LAST QUARTER CENTURY	Cüneyd Demir Mustafa Bozdemir	Kırşehir Ahi Evran University, Türkiye Kırıkkale University, Türkiye
EXPERIMENTAL INVESTIGATION OF THE EFFECT OF PULSE ON TIME ON SURFACE PROPERTIES IN EDM	Hamidullah YAŞAR	Zonguldak Bülent Ecevit University, Türkiye
ANALYSIS OF HA POWDER ADDITION ON DRY SLIDING WEAR PROPERTIES OF Ti6Al4V in EDM	Hamidullah YAŞAR Nihal EKMEKÇİ	Zonguldak Bülent Ecevit University, Türkiye
PV PLANT INTEGRATED WITH ELECTRIC VEHICLE AND BATTERY SYSTEM: A CASE STUDY IN TURKIYE	Mustafa TORUN Furkan DİNÇER Ahmet Serdar YILMAZ Oguz Cem TATAR	Kahramanmaraş Sütçü İmam University, Türkiye
TECHNO-ECONOMIC ANALYSIS OF A MICRO PV SYSTEM: A CASE STUDY IN TURKIYE	Oguz Cem TATAR Furkan DİNÇER Ahmet Serdar YILMAZ Mustafa TORUN	Kahramanmaraş Sütçü İmam University, Türkiye

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 1 / Hall-3

22.11.2024

Moderator: Lect. Dr. Dr Elif PAÇAL

Meeting ID: 813 0348 3436 / Passcode: 222333

Ankara Local Time: 10:00 – 12:00

TITLE	AUTHOR(S)	AFFILIATION
2024 KARAMAN PROVINCE ACTIVE SOLAR POWER PLANT MAP REVIEW	Emel ECE Fatma Nur YILDIRIM	Karamanoğlu Mehmetbey University, Türkiye Karaman, Türkiye.
DESIGNING OUTDOOR CARPETS USING JUTE-LOOKING POLYPROPYLENE YARNS	Betül TURAN Gülbin FİDAN	Dokuteks Tekstil (Koza Halı Tasarım Merkezi), Türkiye Gaziantep University, Türkiye
INVESTIGATION OF THE EFFECT OF DRAW FRAME PASSAGE NUMBER AND RECYCLED FIBER RATIO IN CHENILLE YARN PRODUCTION ON RUG ABRASION RESISTANCE PERFORMANCE	İbrahim Halil TEKİN Adil ATAŞ Halil İbrahim ÇELİK	Melike Tekstil San. ve Tic. A.Ş. Gaziantep University, Türkiye
INVESTIGATION OF THEEFFECTS OF DRAW FRAME PASSAGE NUMBER AND RECYCLED POLYESTER FIBRERATIO ON YARNQUALITYPROPERTIES IN RING YARNPRODUCTION	Ali Osman HAN Halil İbrahim ÇELİK	Gaziantep University, Türkiye
Ba <sub>2</sub> Cd(BO <sub>3</sub> ) <sub>2</sub> : 0.06Eu <sup>3+</sup> , 0.01K <sup>1+</sup> : A RED-EMITTING PHOSPHOR FOR w-LEDs	Saltuk Buğra TÖRELİ Vural Emir KAFADAR Fatih Mehmet EMEN	Adana Alparslan Türkeş Science and Technology University, Türkiye Gaziantep University, Türkiye Burdur Mehmet Akif Ersoy University, Türkiye
STUDY ON PHOTOLUMINESCENCE PROPERTIES OF A NOVEL RED-EMITTING PHOSPHOR OF Ba <sub>2</sub> Cd(BO <sub>3</sub> ) <sub>2</sub> : 0.06Eu <sup>3+</sup> , 0.01Na <sup>1+</sup> FOR w-LEDs	Saltuk Buğra TÖRELİ Vural Emir KAFADAR Fatih Mehmet EMEN	Adana Alparslan Türkeş Science and Technology University, Türkiye Gaziantep University, Türkiye Burdur Mehmet Akif Ersoy University, Türkiye
EFFECT OF OIL AND FUEL CONDITIONING ON THE PROPERTIES OF NATURAL RUBBER REINFORCED WITH DIFFERENT FILLERS	Ezgi ÇELİK GÜNEY Onur ÇOBAN	Kocaeli University, Türkiye
CHLORPYRIFOS IN <i>DROSOPHILA MELANOGASTER</i> ( <i>flr<sub>3</sub></i> ) INDIVIDUALS EFFECT ON SURVIVAL PERCENTAGE	Rabia SARIKAYA Elif PAÇAL	Gazi University, Türkiye Çankırı Karatekin University, Türkiye

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## Session 1 / Hall-4

22.11.2024

**Moderator: Roguai Sabrina**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
SYNTHESIS OF CUO NANOPARTICLES FOR ENHANCED PHOTOCATALYTIC DEGRADATION OF METHYLENE BLUE IN ADDRESSING URBAN POLLUTION CHALLENGES (WATER)	Roguai Sabrina	Abbes Laghrour university, Algeria
INVESTIGATION OF HISTONE DEACETYLASE (HDAC)INHIBITORS AS POTENTIAL ANTIVIRALS BASED ON MOLECULAR DOCKING, PHARMACOKINETICS/TOXICITY STUDIES, AND MOLECULAR DYNAMICS	Farid Elbamtari, Etibaria Belghalia, Mhamed Elbouhi, M'barek Choukrad, Abdelouahid Sbai, Khalid Elkamel, Mohammed Bouachrine, Tahar Lakhelifia	Moulay Ismail University of Meknes, Morocco
4-PHENOXYPYRIDINE DERIVATIVES CONTAINING IMIDAZOLE -4-CARBOXAMIDE AND 1,2,4- TRIAZOLE -3-CARBOXAMIDE MOIETIES AS POWERFUL ANTITUMOR AGENTS. QSAR STUDIES	Etibaria BELGHALIA, Salma EL BAHY, Mohamed OUABANE, Abdelouahid SBAI, Tahar LAKHLIFI and Mohammed BOUACHRINE	
VALORIZATION OF PLANT WASTE FOR SUSTAINABLE TREATMENT OF INDUSTRIAL WASTEWATER	ZENATI Rania BOUCHERDOUD Ahmed BENDJELLOUL Meriem SEGHIER Abdelkarim AICHOUNI Sara ELANDALOUSSI El Hadj	University of Ahmed Zabana-Relizane , Algeria
DESIGN AND EVALUATION OF NOVEL MX-106 HYDROXYQUINOLINE DERIVATIVES: 2D-QSAR MODELING, MOLECULAR DOCKING, DYNAMICS SIMULATIONS, AND ADMET PREDICTIONS FOR SELECTIVE SURVIVIN INHIBITION	Aloui Mourad, Menana Elhalaoui	Sidi Mohamed Ben Abdellah University, Fez, Morocco
THE C-SRC KINASE INHIBITORS: 2D-QSAR STUDY BY MULTIPLE LINEAR REGRESSION METHOD	Salma El Bahi, Meryem Boutalaka, M.barek Choukrad, Mohammed Bouachrine, Taher Lakhlifi	University of Moulay Ismail, Meknes, Morocco
SYNTHESIS OF BIODIESEL VIA BASE-CATALYZED TRANSESTERIFICATION OF NON-EDIBLE SEED OIL	Noreen Sajjad, Arfa sajid, Muhammad yasir	University of Lahore, Lahore-54000, Pakistan
TREATMENT OF DOMESTIC WASTEWATER USING A BACTERIAL BED FOR IRRIGATION: PREDICTING FECAL COLIFORM REDUCTION USING A MULTIPLE LINEAR REGRESSION MODEL	Ahmed Osmane, Khadija Zidan, Moustapha Belmouden	Agadir University Ibn Zohr Cadi Ayyad University, Marrakech, Morocco

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

## Session 1 / Hall-5

22.11.2024

**Moderator: Uchenna B. Alozieuwa**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
PHYSICAL, MECHANICAL, AND THERMAL CHARACTERISTICS OF POLYPROPYLENE COMPOSITES CONTAINING WALNUT SHELL FLOUR	Zineb El Hamri, Ibrahim Maouhoubi	University Moulay Ismail, B.P. 15290, Al Mansour, Meknes, Morocco.
ANTINOCICEPTIVE AND ANTI-INFLAMMATORY ACTIVITY OF JATROPHA TANJORENSIS LEAF EXTRACT IN MICE	Uchenna B. Alozieuwa, Michelle E. Inagbor, Theresa O. Ozoude, Olajumoke O. Nwaechefu	Veritas University, Abuja Lead City University, Ibadan
NUMERICAL INVESTIGATION FOR THE OPTIMIZATION OF CDS BUFFER LAYERS IN CIGS SOLAR CELLS USING SCAPS-1D.	Zineb Benbouzid, Mohammed Ridha Benzidane, Nouredine Hassini	Abdelhamid Ibn Badis University-Mostaganem. Route Nationale N°11, Kharrouba, 27000, Mostaganem, Algeria
PROMOTING THE IMAGE OF TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING PROGRAMMES THROUGH PRODUCTION OF READY-TO-WORK GRADUATES IN TERTIARY INSTITUTIONS IN RIVERS STATE	BASSEY Imaobong Sunday, AJIE Prince Maduabuchukwu, ELUOZO Ozioma Progress	Federal College of Education (Technical) Omoku, Rivers State, Nigeria
DESIGN AND DEVELOPMENT OF A NON INVASIVE GLUCOMETER PROTOTYPE BASED ON A 950 NM LED	Mekkakia-Maaza Nasreddine, Abi-Ayad Abderrahmene Yacine	University of Science and Technology of Oran Mohamed Boudiaf, Algeria.
HEPATO TOXICOLOGICAL EFFECT OF KRISHATTM ON LIVER OF MALE ALBINO RATS	AbdulFatai Sodiq Folorunsho AbdulKabir AbdulQuadri Ola Abdullahi Aminat Titilope Aboyeji Kafayat Olamide Abolaji Sheriff Ayomide Abdullahi Selimat Nnakobaba Abdur Rauf Masruroh Abisola Abbas Abdul Oluwafemi Abiona Yusuff Agboola AbdulKareem Taoheedah Kehinde	University of Ilorin
PECULIAR TRAPPING BEHAVIOR OF POROUS ORGANIC NANOCAGE CC1 TOWARDS H <sub>2</sub> S, SF <sub>6</sub> , SF <sub>4</sub> , SOCL <sub>2</sub> AND SO <sub>2</sub> ; A DFT PERSPECTIVE	Sadia Rani, Samina Aslam, Riaz Hussain	The Women University Multan, Multan60000, Pakistan University of Education Lahore, Pakistan
COMPARATIVE ANALYSIS OF NEUTRON/GAMMA DISCRIMINATION METHODS USING SCINTILLATORS	Imane AHNOUZ, Hanan ARAHMANE, Rajaa SEBIHI	Mohammed V University, faculty of sciences, Rabat, Morocco Paris-Saclay University, CEA, List, F-91120 Palaiseau, France

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 1 / Hall-6**

**22.11.2024**

**Moderator: Dr. Akbar Ali**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
ISOLATION AND IDENTIFICATION OF SOIL MICROFLORA FROM KHEMIS MILIANA REGIONS IN ALGERIA	AMROUCHE Zoheir, Wafa Bouziane, Manel belkacemi, Safia chabane	University of Khemis Miliana- Algeria
COMBINING DIFFERENT SEVERE PLASTIC DEFORMATION TECHNIQUES TO REFINE GRAINS AND IMPROVE THE MECHANICAL PROPERTIES AND THERMAL STABILITY OF A LOW-PURITY ALUMINUM	Atef Korchef, Imen Souid	College of Science, King Khalid University (KKU), Abha, Saudi Arabia
RELATIONSHIP BETWEEN CARBOHYDRATE AND AMINO ACID RESERVES IN TWIGS WITH AGRO-PHENOLOGICAL RESPONSES IN PLUM CULTIVARS OF TWO CONTRASTING GEOGRAPHIC ORIGIN	Anas Hamdani, Said Bouda, Atman Adiba, Rachid Razouk	National Institute of Agricultural Research (INRA), BO 415, Rabat, Morocco, University of Sultan Moulay Slimane, BP 523, Beni Mellal, Morocco, National Institute of Agricultural Research, Avenue Ennasr, P.O. Box 415, Rabat 10090, Morocco
SUPRAMOLECULAR MODIFICATION OF PYRIMETHAMINE BY SYNTHESIZING ITS CO-CRYSTALS	Dr. Akbar Ali Muhammad Zia ul Mustafa, Kainat Zohra, Dr. Muhammad Ibrahim, Muhammad Waqar ul Fateh	Government College University Faisalabad, Pakistan
PHYTOCHEMICAL SCREENING AND ANTIBACTERIAL ACTIVITIES OF BALANITES AEGYPTIACA LEAF ORGANIC SOLVENT EXTRACT	Idris Nuhu	
PHYTOCHEMICAL EXPLORATION OF CHAMAEROPS HUMILIS: INSIGHTS INTO BIOACTIVE COMPOUNDS	Khadija BENAMAR Saad Ibsouda Koraichi Kawtar Fikri-Benbrahim	Abdellah University
COMPARATIVE STUDY OF PHYSICOCHEMICAL, MICROBIAL AND HEAVY METAL ANALYSIS OF BOREHOLE WATER AND SACHET WATER IN BATAGARAWA LOCAL GOVERNMENT AREA, KATSINA	Haruna Abbas Adamu, Zainab Ahmad Muhammad	Umaru Musa Yar'adua University
USE OF CHITOSAN EXTRACTED FROM CUTTLEFISH BONE AS A HIGH-QUALITY BIOMATERIAL FOR THE ADSORPTION OF CONGO RED DYE: KINETIC ANALYSIS, OPTIMIZATION AND APPLICATIONS IN WASTEWATER TREATMENT	Malika Ezzaine, Fatima Zahra ERRAJI, Abdelkader DABAGH, Fatima EL BAZ	Ibn Zohr University, Agadir, 80000, Morocco

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 2 / Hall-1**

**22.11.2024**

**Moderator: Assoc. Prof. Zarife PANCAR**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 - 14:30**

TITLE	AUTHOR(S)	AFFILIATION
POTENTIAL EFFECTS OF SUMAC JUICE ON PHYSICAL PERFORMANCE IN ATHLETES: NEW APPROACHES IN ANTIOXIDANT CAPACITY AND ENDURANCE	Zarife PANCAR Mustafa Sencer ULEMA	Gaziantep University, Türkiye
THE EFFECTS OF SODA AND SALT MIXTURE ON THE RECOVERY PROCESS IN ATHLETES: A STUDY ON ELECTROLYTE BALANCE AND MUSCLE FUNCTION	Zarife PANCAR Mustafa Sencer ULEMA	Gaziantep University, Türkiye
INVESTIGATION OF INJURY ANXIETY LEVELS AMONG HANDBALL PLAYERS	İbrahim BAĞÇIVAN Barışcan ÖZTÜRK Caner UZUNCA Levent SANGÜN	Çukurova University, Türkiye
INVESTIGATION OF THE RELATIONSHIP BETWEEN COACHES' SLEEP QUALITY AND BODY COMPOSITION	İbrahim BAĞÇIVAN Barışcan ÖZTÜRK Caner UZUNCA Levent SANGÜN	Çukurova University, Türkiye
COMPARISON OF CIRCADIAN RHYTHMS IN HIGH-RISK AND NON-RISK PREGNANT WOMEN	Fatma YILMAZ FINDIK Emine DERYA İSTER Rukiye SÜLÜ DURSUN	Çukurova University, Türkiye Kahramanmaraş Sütçü imam University, Türkiye
EFFECTS OF CLIMATE CHANGE ON WOMEN'S HEALTH	Fatma YILMAZ FINDIK	Çukurova University, Türkiye
SUSTAINABILITY IN HEALTHCARE: EFFECTS ON CHRONIC DISEASE	Derya TÜLÜCE	Osmaniye Korkut Ata University, Türkiye

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 2 / Hall-2

22.11.2024

**Moderator: Assoc. Prof. Dr. Temel Kan BAKIR**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
CHEMICAL OXIDATIVE SYNTHESIS OF MWCNT/POLYPYRROLE NANOCOPPOSITES AND INVESTIGATION OF THEIR SUPERCAPACITOR PROPERTIES	Feridun DEMİR Pelin ÖKDEM	Osmaniye Korkut Ata University, Türkiye
SYNTHESIS AND SPECTROSCOPIC STUDIES OF 1,4-PHENYLENE BIS HYDRAZINE DERIVATIVES CONTAINING DIFFERENT SUBSTITUTED ALDEHYDE GROUPS	Temel Kan BAKIR	Kastamonu University, Türkiye
SYNTHESIS AND CHARACTERIZATION OF NOVEL İSATİN THIO/CARBOHYDRAZONES AND BIS-İSATİN THIO/CARBOHYDRAZONES INCLUDING SCHİFF BASES	Halit MUĞLU	Kastamonu University, Türkiye
DESIGN AND ANALYSIS OF HYDROGEN PRODUCED FROM PEM HIGH PRESSURE ELECTROLYZER	Ebubekir Tuncay Nesrin KAYATAŞ DEMİR	Erciyes University, Türkiye
INVESTIGATION OF THE EMPLOYABILITY OF BIOSYNTHESIS-ASSEMBLED SILVER NANOPARTICLES IN COLORIMETRIC DETECTION OF CR(VI)	Deniz UZUNOĞLU DOĞRUYOL Gaye KARA Şükrü KÜCCÜK Ayla ÖZER	Mersin University, Türkiye
PRODUCTION OF HYDROGEN GAS BY CATALYTIC HYDROLYSIS OF NaBH <sub>4</sub> USING COBALT-DOPED COPPER-IRON CONTAINED NANOPARTICLES	Deniz UZUNOĞLU DOĞRUYOL Güllü KAPLAN Mahmut Tuna SEÇİLMİŞ Berfin Başak AKTAŞ Ayla ÖZER	Mersin University, Türkiye

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 2 / Hall-3**

**22.11.2024**

**Moderator: Le Duc Tam**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
EXPERIMENTAL INVESTIGATION OF MOMENT CURVATURE RELATIONSHIP IN HIGH STRENGTH CONCRETE	Subhashish Dey	Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru, Andhra Pradesh, India
COMPARATIVE STUDY BETWEEN EN 50110-1, 2013 AND IS 5216, 1982 (PART I & II)	Shravani Amit Jagadale Shruti Ramesh Latane Rutuja Ankush Dawane Prof. Mayur Madhukar Maske	Shivaji University, Sakharale, MS-415414, India
DYNAMIC CONSTRUCTION OF DIGITAL FILTER COEFFICIENTS FOR IMAGE ENCRYPTION	Dr. Zineb Bouchra MADOURI, Pr. Adda ALI-PACHA, M.A. Abderrahmene HADJBRAHIM	Laboratory of Coding and Security of Information, University of Sciences and Technology of Oran Mohamed Boudiaf Algeria
CONTROL OF A HYBRID RENEWABLE ENERGY SYSTEM WITH PV, BATTERY, AND FUEL CELL FOR DC BUS VOLTAGE REGULATION	Sara ABSSANE	
ACTIVATION ENERGY OF CEMENT: ADVANCED PREDICTION USING ARTIFICIAL INTELLIGENCE TO ENHANCE CONSTRUCTION MATERIAL PERFORMANCE	Merouane GUETTIOUI, Yasmina KELLOUCHE, Abdelkader BOUGARA	Chlef University
ANALYSE THE SEISMIC PERFORMANCE OF HIGH-RISE STRUCTURES ACCORDING TO ALGERIAN STANDARDS	Mohammed OUALI Mahfoud TOUHARI	Khemis Miliana University, Algeria
TUDUN WADA NEIGHBORHOOD REVITALIZATION STRATEGIES IN KADUNA, NIGERIA	Aliyu Hassan	Air Force Institute of Technology, Nigerian Air Force, Kaduna-Nigeria
IMPACT OF FINNED UNIQUE MATRICES ON THERMAL STORAGE OF A NANO ENHANCED PHASE CHANGE MATERIAL IN A HEAT EXCHANGER	Ines Chabani, Merzaka Dahmani, Djemaa Guerraiche	University of 20 Août 1955, Algeria. University of Batna 1, Algeria
THE MODEL OF INNOVATION AND ENTREPRENEURSHIP IN TOURISM IN PHU YEN: DRIVERS, CHALLENGES, AND SUSTAINABLE DEVELOPMENT SOLUTIONS	Le Duc Tam Dang Hoang Xuan Huy	Mien Trung University of Civil Engineering, Vietnam Nha Trang University, Vietnam
THE IMPACT OF ELECTRIC WORD OF MOUTH ON INTENTION TO REVISIT COASTAL TOURISM DESTINATIONS IN PHUYEN – VIETNAM: AN ANALYSIS OF MEDIATING AND MODERATING ROLES	Le Duc Tam Dang Hoang Xuan Huy	Mien Trung University of Civil Engineering, Vietnam Nha Trang University, Vietnam

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## Session 2 / Hall-4

22.11.2024

**Moderator: Abderrahim Ait Lhaj**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
EXAMINING THE AWARENESS LEVEL OF THE DEPLOYMENT OF SUSTAINABLE PRACTICES IN THE CONSTRUCTION INDUSTRY IN ABUJA	Aliyyu Abiola Abdulaheem, Rasheed Babatunde Isa, Ridwan Abiodun Abdulsalam	Federal University of Technology, Minna, Nigeria University of Abuja, FCT, Nigeria
USE OF INTERACTIVE RESOURCES OF TRAINING ON THE TOPIC "DRY CONSTRUCTION MIXTURES FOR FIXING CEMENT-BASED CERAMIC BLINDERS"	Kriskovets A.G. Eshqulov N.O' Salayev M.Sh.	Belarusian National Technical University, Belarus Jizzakh Polytechnic Institute. Jizzakh, Uzbekistan
INFLUENCE OF B SITE IN DOUBLE PEROVSKITES Sr <sub>2</sub> CuBO <sub>6</sub> (B= Ir, Os) ON THE MAGNETIC EXCHANGE: MONTE CARLO INVESTIGATION	Hajar El Ganich, Omar Ben Lenda, Omar El Rhazouani, Elmadani Saad	Hassan 1st University, Settat, Morocco.
SYNTHESIS AND CHARACTERIZATION OF COBALT OXIDE THIN FILM PREPARED BY DIP COATING TECHNIQUE	LAHOUEL Khemissi, GASMI Meriem, BOUMAZA Abdecharif, DJELLOUL Abdelkader	Proprieties and Inter Atomic Interactions LASPI2A University of Abbes Laghrour, Khenchela, Algeria.
STRUCTURAL AND ELECTRONIC PROPERTIES OF SNO <sub>2</sub> SUPERCELL	Abderrahim Ait Lhaj, Brahim Ouazik, Mohamed El Hasnaoui, Hassan Chaib	Ibn Tofail University, Morocco. Ibnou Zohr University, Morocco.
EFFICIENT USE OF COCONUT AND EGGHELL BLENDS AS LOW-COST ADSORBENTS FOR REMOVING CHROMIUM AND LEAD FROM TEXTILE WASTEWATER	Suleiman Zuleihat Ozohu Ado A. Datti Kazeem Ibraheem Ajadi Bakare Abdulakeem Oyesode Aliyu Nana Aisha	Ahmadu Bello University Zaria, Nigeria
EXISTENCE OF SOLUTIONS FOR NONLINEAR NEUMANN PROBLEM WITH BOUNDARY CONDITION AND MEASURE DATA	Arij Bouzelmate, Hassane Hjjaj, Inssaf Raiss	University of Abdelmalek Essaadi, Tetouan, Morocco

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## Session 2 / Hall-5

22.11.2024

**Moderator: Vandana GUPTA**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
UTILIZATION OF FINE CONSTRUCTION AND DEMOLITION WASTE IN BITUMINOUS CONCRETE	Vandana GUPTA Kunal JAIN Maninder SINGH	University Patiala, India
DISSECTING HEALTH DISPARITIES IN RURAL AND URBAN COMMUNITIES IN NORTHERN NIGERIA	Hauwa Sa'idu Musa	Abubakar Tafawa Balewa University, Bauchi
THE POLICY LANDSCAPE AND CURRENT SITUATIONS OF INVESTMENT PRIORITIZATION IN THE PHILIPPINES' FARMING SYSTEM RESEARCH AND EXTENSION	Moh. Shanizee A. Sarabi, Guada Marie M. Babilonia, Nguyen Thanh Binh	Western Mindanao State University, Zamboanga City, Philippines Visayas State University, Leyte, Philippines Can Tho University, Vietnam
CHILL AND HEAT REQUIREMENTS OF FOUR PLUM VARIETIES GROWING AT TWO CONTRASTING CLIMATE ENVIRONMENTS IN MOROCCO	Anas Hamdani, Said Bouda, Atman Adiba, Jamal Charafi	National Institute of Agricultural Research, Morocco, University of Sultan Moulay Slimane, Morocco
STUDY OF THE OF KINETICS PRODUCTION OF BIOACTIVES COMPOUNDS BY AN ACTINOBACTERIA STRAIN ISOLATED FROM AN ALGERIAN SAHARAN SOIL	Fedwa BEGHDADI, El-Hadj DRICHE	Hassiba Benbouali University of Chlef, Hay Salem, 02000 Chlef, Algeria.
UTILIZATION OF VERMICOMPOST IN BIOREMEDIATION AND SOIL QUALITY MANAGEMENT	Ganesh Kumar, Prof.R.Y Hiranmai, Ajay Neeraj	Central University of Gujarat, Gandhinagar India
LAND SUITABILITY EVALUATION FOR THE DEVELOPMENT OF DIFFERENT LAND USES USING MINIMUM AND MAXIMUM DATA APPROACHES IN THE TARAZ RIVER WATERSHED, SOUTHWESTERN IRAN	Farhan Ahmadi Mirghaed Farzaneh Derakhshan-Babaei	University of Mazandaran, Babolsar, Iran University of Tehran, Tehran, Iran
BACTERIAL PRODUCING BIOSURFACTANTS FROM SPENT LUBRICATING OIL POLLUTED SOIL	Shitu S., Gambo J. B., Aliyu M.Y.	Kaduna Polytechnic, Kaduna State, Nigeria
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### III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 2 / Hall-6**

**22.11.2024**

**Moderator: Dr. Neha**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
RECENT ADVANCES AND CHALLENGES NANOTECHNOLOGY APPLICATIONS FOR WATER TREATMENT	EL FAKIR El Habib ACHIOU Brahim ANOUZLA Abdelkader ABROUKI Younes LOUKILI Hayat	University of Hassan II - Casablanca, FSTM, Morocco Mohammed V University in Rabat, Morocco
EMERGING NANOTECHNOLOGY FOR REMEDIATION OF HEAVY METAL CONTAMINATED WATER	EL-BOUZIDI Ahmed ACHIOU Brahim BEQQOUR Dounia ABROUKI Younes LOUKILI Hayat	University of Hassan II - Casablanca, FSTM, Morocco Mohammed V University in Rabat, Morocco
BIOTECHNOLOGICAL APPROACHES IN VEGETABLE OIL REFINING USING ULTRASONIC TECHNOLOGY	ZAROUAL Khalid ALAMI YOUNSSI Saad BEQQOUR Dounia ABROUKI Younes LOUKILI Hayat	University of Hassan II - Casablanca, FSTM, Morocco Mohammed V University in Rabat, Morocco
NANOTECHNOLOGY IN INDUSTRIAL WASTEWATER MANAGEMENT	BENDIDI Faycel ALAMI YOUNSSI Saad MOUSSADIK Ali ABROUKI Younes LOUKILI Hayat	University of Hassan II - Casablanca, FSTM, Mohammedia, Morocco Mohammed V University in Rabat, Faculty of Sciences of Rabat, Rabat, Morocco
INVESTIGATING THE INFLUENCE OF ENVIRONMENTAL CONSCIOUSNESS AND THEORY OF PLANNED BEHAVIOUR ON CONSUMER PURCHASE BEHAVIOUR IN CONTEXT OF GREEN COSMETICS	Dr. Afsa PARVEEN Dr. Kamaljit SINGH Dr. Jasvinder KAUR	Quantum University, Roorkee, India SRM University, Haryana, India
DETERMINATION OF SOME HEAVY ELEMENTS IN GROUNDWATER FOR A SAMPLE OF WELLS IN NAJAF GOVERNORATE / IRAQ	Aayad Ammar Sayhood, Mohanad Hazim Halboos	University of Kufa, Najaf, Iraq
THE IMPACT OF CLIMATE CHANGE AND ITS EFFECTS ON LIFE AROUND THE GLOBAL	Dr. Neha	Swami Vivekanand Subharti University, Meerut, Uttar Pradesh, 250005 India

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 3 / Hall-1

22.11.2024

**Moderator: Assist. Prof. Dr. Nurullah ÖKSÜZER**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
CHILD PEDESTRIAN AGED 0-14 ACCIDENTS: RISK CLASSIFICATION BY PROVINCES ACROSS TÜRKİYE	Tuğba SOY Ömer ASAL Seda HATİPOĞLU	Gazi University, Türkiye
EFFECT OF TEA WASTE ASH ON EARLY-AGE MECHANICAL PERFORMANCES IN METAKAOLIN BASED GEOPOLYMER COMPOSITES	Nurullah ÖKSÜZER	Karadeniz Teknik University, Türkiye
EVALUATION OF GRANULAR FILL THICKNESS FOR PILE FOUNDATIONS BY FINITE ELEMENT METHOD	Bahadır OK Talha SARICI Mustafa ÖZCAN	Adana Alparslan Türkeş Bilim ve Teknoloji Üniversitesi, Türkiye İnönü University, Türkiye
ASSESSMENT OF THE BEHAVIOR OF INCLINED AND/OR VERTICAL JET GROUT PILES CONSTRUCTED IN THE FOUNDATION SOIL OF AN EXISTING STRUCTURE	Talha SARICI Bahadır OK Mustafa ÖZCAN	İnönü University, Türkiye Adana Alparslan Türkeş Bilim ve Teknoloji Üniversitesi, Türkiye
USE OF SOLID WASTE CERAMICS AS CEMENT IN ENGINEERED CEMENTITIOUS COMPOSITE	Hasan Erhan Yücel Fatih Yıldızhan Mustafa Günal	Niğde Ömer Halisdemir University, Türkiye Gaziantep University, Türkiye
EVALUATION OF THE EFFECT OF BITUMEN-COATED GEOTEXTILE ON CBR VALUE OF SAND SOIL	Yakup ÖNAL Fethiye BAYRAK Furkan Emin BALCI Cafer KAYADELEN Gökhan ALTAY	Osmaniye Korkut Ata University, Türkiye
INVESTIGATION OF INTERFACIAL SHEAR BEHAVIOR OF BITUMEN-COATED GEOTEXTILE-REINFORCED SAND SOIL	Yakup ÖNAL Furkan Emin BALCI Fethiye BAYRAK Cafer KAYADELEN Gökhan ALTAY	Osmaniye Korkut Ata University, Türkiye

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## Session 3 / Hall-2

22.11.2024

**Moderator: Assoc. Prof. Dr. Ömer Saltuk BÖLÜKBAŞI****Meeting ID: 813 0348 3436 / Passcode: 222333****Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
THERMAL AND MECHANICAL PROPERTIES OF HIGH IMPACT POLYSTYRENE (HIPS) POLYMER AT DIFFERENT BUTADIENE RUBBER RATIOS	Hande Nur ERGEN Feridun DEMİR	Osmaniye Korkut Ata University, Türkiye
SYNTHESIS AND CHARACTERIZATION OF NICKEL PHTHALOCYANINE COMPOUND AS CATALYST FOR THE REDUCTION OF ACETOPHENONE KETONES BY TRANSFER HYDROGENATION REACTIONS	Mesut NAMLI Uğur IŞIK Cihan KANTAR	Artvin Çoruh University, Türkiye Recep Tayyip Erdoğan University, Türkiye
EFFECT OF GEOMETRY DIFFERENCES ON MECHANICAL PROPERTIES IN THERMOSET POLYMERS PRINTED WITH STEREOLITHOGRAPHY (SLA) TYPE 3D PRINTER	Saadet GÜLER Berk ÖZLER	İzmir Katip Çelebi University, Türkiye
IMPORTANCE OF WATER PROPERTIES IN ELECTRIC ARC FURNACE COOLING PANELS	Ömer Saltuk BÖLÜKBAŞI Efe ARIYOL	İskenderun Teknik Üniversitesi, Hatay, Türkiye
A REVIEW ON BIOLOGICAL ACTIVITIES OF LYCHEE	Ali Erdem ŞABİK İmran UYSAL Mustafa SEVİNDİK	Osmaniye Korkut Ata University, Türkiye
UTILIZATION OF IRON AND STEEL SLAG: CURRENT RESEARCH AND APPLICATIONS	Ömer Saltuk BÖLÜKBAŞI Efe ARIYOL	İskenderun Teknik University, Türkiye
EVALUATION OF BIOLOGICAL ACTIVITIES OF SALLACA ZALACCA	Ali Erdem ŞABİK İmran UYSAL Mustafa SEVİNDİK	Osmaniye Korkut Ata University, Türkiye
FARKLI ORANLARDA MGO TAKVİYELERİNİN MULLİTİN YOĞUNLUK DEĞERLERİNE ETKİSİNİN İNCELENMESİ	İsmail Topcu	Alanya Alaadin Keykubat University, Türkiye
FARKLI SİNTERLEME SICAKLIKLARINDA MGO KATKI MULLİT MALZEMELERİNİN SİNTERLENMESİ DAVRANIŞLARININ İNCELENMESİ	İsmail Topcu	Alanya Alaadin Keykubat University, Türkiye

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## Session 3 / Hall-3

22.11.2024

**Moderator: Dr.R. Sundhararajan**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
BRIDGING TRADITION AND TECHNOLOGY: DEVELOPING AN E-COMMERCE PLATFORM FOR ARTISANS USING MERN STACK	Harsh Khatter, Prakhar Sharma, Nikhil Garg, Navneet Saini, Diwakar Mittal	KIET Group of Institutions, Delhi-NCR, Ghaziabad, Uttar Pradesh, India
DEEP LEARNING-BASED COLLISION PREVENTION SYSTEM FOR AIRPORT GROUND OPERATIONS: A HYBRID APPROACH FROM ROAD TO AIRPORT SCENARIOS	Emre Can BINGOL Prof. Hamed Al-Raweshidy	Brunel University London, Department of Electronic and Electrical Engineering, London, UK
MAXIMIZING SOLAR POWER GENERATION IN VERTICAL BIFACIAL PANEL SYSTEMS BY DESIGNING DEEP LEARNING MODELS	Farjana Rahman, M. Thien Phung, Sadia Ameen, M. Shaheer Akhtar	Jeonbuk National University, Republic of Korea
TRANSFORMING THE MODERN WORLD: THE SYNERGY OF ARTIFICIAL INTELLIGENCE, IOT, AND MACHINE LEARNING	Arkoparno De Sarkar, Dr. Monalisa Halder, Jinia Datta	Abacus Institute of Engineering and Management, India
FREQUENCY OF USE AND PERCEIVED USEFULNESS OF ARTIFICIAL INTELLIGENCE AMONG PRE-SERVICE SCIENCE TEACHERS IN MINNA, NIGER STATE	Muhammad J.M., Babagana M., Ndatsu A., Shuaeeb A. I.	Federal University of Technology Minna, Niger State, Nigeria.
PRECISION BOOSTING: AN ALGORITHMIC STRATEGY FOR MACHINE LEARNING ACCURACY	Sudhanva S Desai Santosh S Patil	VSK University, Department of Computer Science, Ballari
CROP DISEASE DETECTION USING IMAGE CLASSIFICATION	Ayma Fatima Arshi Fatima Ana Fatima	Integral University, Lucknow, Uttar Pradesh, India Aligarh Muslim University, Aligarh, Uttar Pradesh, India
MACHINE LEARNING IN CYBERSECURITY THREAT DETECTION AND RESPONSE	Arshi Fatima Ayma Fatima	Integral University, Lucknow, Uttar Pradesh
COMPUTER-AIDED MOLECULAR DESIGNING (CAMD) OF CURCUMIN DERIVATIVES	Dr.R. Sundhararajan, Mrs.R. Jothilakshmi, Mr.S.G. Raman, Mrs.K.Suganya Sri	Mohamed Sathak AJ College of Pharmacy, Chennai, Tamil Nadu, India.

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## Session 3 / Hall-4

22.11.2024

**Moderator: Pavan Kumar Pothuganti**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
A MULTI-SENSOR FUSION APPROACH TO REAL-TIME BIRD'S-EYE VIEW NAVIGATION: YOLOV8 AND LiDAR INTEGRATION FOR AUTONOMOUS SYSTEMS	Ahmet Serhat Yildiz Professor Hongying Meng Dr Mohammad Swash	Brunel University London, College of Engineering, Design and Physical Sciences, Department of Electronic and Electrical Engineering, London, UK
FRACTIONAL-ORDER STOCHASTIC MODEL FOR NOROVIRUS ANALYSIS	Armughan Ayaz	
EXPLORING THE MULTIFACETED USES OF BIOACTIVE GLASSES IN HEALTHCARE AND INDUSTRY	Pavan Kumar Pothuganti	VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, Telangana, India
ENHANCED GRID STABILITY AND VEHICLE-TO-GRID INTEGRATION THROUGH BIDIRECTIONAL POWER FLOW IN ELECTRIC VEHICLES: A SIMULATION STUDY	Abderrahmane BENAÏSSA Drid Said Kouzou Abdellah Khadidja Allahoum Kechida Abdelhak	University of Djelfa, Djelfa, ALGERIA University of Batna 2, Batna, ALGERIA
NANOTECHNOLOGY IN VLSI	Rajani Indrakanti	VNR Vignana Jyothi Institute of Engineering and Technology, India
RISE OF THE MACHINES: WHERE INNOVATION MEETS INTEGRATION	Vaira Vignesh R Sakthi priyan V Likish K Dr. A. Vijayalakshmi	R.M.K. Engineering College , Kavaraipettai , Thiruvallur District , Tamilnadu , India
MULTI CHANNEL LONG RANGE TRANSMITTER AND RECEIVER	Arshman Singh Sachin Singh Er. Pahulpreet Singh Dr. Harminder Singh	Guru Nanak Dev University, Department of Mechanical Engineering, Amritsar, India
APPLICATION OF ARTIFICIAL INTELLIGENCE IN CIVIL ENGINEERING AND ARCHITECTURE	Payam Tarighi, Ali Akbari	Ahlul Bayt International University, Tehran, Iran.
INVESTIGATING WIRELESS NETWORK BEHAVIOR DURING JAMMING ATTACKS	Adaramola Ojo Jayeola Sulaimon Fatimo Damilola	Federal Polytechnic Ilaro, Ogun State, Nigeria.

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**Session 3 / Hall-5****22.11.2024****Moderator: Usman Abdullahi****Meeting ID: 813 0348 3436 / Passcode: 222333****Ankara Local Time: 15:00 – 17:00**

<b>TITLE</b>	<b>AUTHOR(S)</b>	<b>AFFILIATION</b>
A CASE STUDY DURING THE REPUBLIC PERIOD (2021-2002)	Zakia Hussaini, Maryam Hassan	Ahlul bayt international university of Tehran, iran
FEAR APPEALS IN ANTI-TOBACCO CAMPAIGNS: PERSUASION IN CDC'S TIPS FROM FORMER SMOKERS (TIPS) CAMPAIGN	Ghaleb Rabab'ah, Fakir Al Gharaibeh, Rima Malkawi	The University of Jordan, Amman, Jordan University of Sharjah, United Arab Emirates
TEACHERS' EDUCATIONAL PERFORMANCE: EVIDENCE FROM MIDDLE SCHOOLS	Qader Vazifeh Damirchi Jamal Shafaei Ajirlu	Ministry of Education, Pars Abad, Iran
CHALLENGES IN TRANSITION: FIRST-YEAR ENGLISH MAJORS' PERSPECTIVES ON UNIVERSITY-LEVEL LANGUAGE LEARNING AT SAI GON UNIVERSITY	Pham Nguyen Quang Huy	Sai Gon university
METHODS OF THE PREVENTION OF THE EMOTIONAL AND PROFESSIONAL OF ORGANIZATION OF THE SUPPORTING GROUPS BURNOUT OF SOCIAL WORKERS: INTERNATIONAL AND UKRAINIAN EXPERIENCE	Alina Solnyshkina	Oles Honchar Dnipro National University, Ukraine
TEFL GRADUATES' PERCEPTION TOWARD THE IMPORTANCE OF SELF-COMPETITIVENESS IN WORKPLACE	Hadiyanto Nunung Fajaryani Eddy Haryanto Mukhlash Abrar	Universitas Jambi
BRIDGING HARMONY: THE ROLE OF CHRISTIAN EDUCATION IN FOSTERING BALANCE WITHIN CHRISTIAN FAMILIES	Meike Lely Lewankoru	Universitas Kristen Indonesia
TRANING NEEDS FOR A YOUTH IN AGRICULTURAL EDUCATION EXTENSION WORKERS LAKE CHAD RESEARCH INSTITUTE MAIDUGURI BORNO STATE NIGERIA	Usman Abdullahi	

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 3 / Hall-6**

**22.11.2024**

**Moderator: Dr. Neha**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
VALORIZATION OF ALGERIAN MYRTUS COMMUNIS L. FRUITS THROUGH THEIR INCORPORATION INTO A VALUE-ADDED FUNCTIONAL FOOD PRODUCT	TAIBI Abdeslem, MOKRANI Abderrahmane, HAMITRI-GUERFI Fatiha, KADI Ahcene, TEFFANE Mohand and ARROUL Younes	University of Bejaia.
WATER DISTRIBUTION SYSTEM (WDS) DESIGN AND PERFORMANCE ANALYSIS USING VARIOUS SOFTWARE'S: A REVIEW	Shabroj Gous Satarmaker Prof. M. M. Maske Dr. S. S. Sayyed	ajarambapu Institute Of Technology, Rajaramnagar Sakharale, India
NANO TECHNOLOGY IN ENVIRONMENTAL SCIENCE	SUDHARSAN B Dr. A. Vijayalakshmi	R.M.K. Engineering College, Kavaraipettai, Tiruvallur District, Tamilnadu, India
BIODEGRADABLE ELECTRONICS FOR ENVIRONMENTAL SUSTAINABILITY	Krishnaveni T Rayyan Sadharah Z Lakshana R Dr.A.Vijayalakshmi	R.M.K Engineering College, Kavaraipettai, Thiruvallur District, Tamilnadu, India
EVOLUTION OF SPACE TELESCOPES	Lakshmanan R Kavish D Nandhakumaran M Dr. A. Vijayalakshmi	R.M.K.Engineering College Kavaraipettai, Gummdipoondi , Tiruvallur.
CARBON TRADING	Thirusarabesh S S Visagan G Karthik G Kaushik S D	R.M.K. Engineering College, Kavaraipettai, Thiruvallur District, Tamilnadu, India
THE EFFECT OF FOOD PROCESSING ON THEIR SAFETY AND QUALITY	Nasrin Karami, Shahryar Ahmadi, Yasamin Banitorof	Kermanshah University of Medical Sciences, Kermanshah, Iran Ahvaz Jndishapur University of Medical Sciences, Ahvaz, Iran Chamran University, Ahvaz, Iran

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 1 / Hall-1

23.11.2024

**Moderator: Assoc. Prof. Dr. Zeynep TEKİN BABUÇ**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
AS A PROMINENT EMOTION IN THE RELATIONSHIP BETWEEN CITY AND EMOTION: BELONGING	Gülhan ATILLA	Mardin Artuklu University, Türkiye
INVESTIGATION OF THE RELATIONSHIP BETWEEN TEST ANXIETY AND DIGITAL ADDICTION	Erhan SUR Yusuf Ziya AYDOĞAN Ömer Talha DEMİRCİ Ahmet Yiğit KANSIZ	Sinop University, Türkiye
GENDER-BASED VIOLENCE IN DIJITAL GAMES	Muhammed Baki HACIYUSUFOĞLU Zeynep TEKİN BABUÇ	Osmaniye Korkut Ata University, Türkiye
EVALUATION OF ACADEMIC SUCCESS AND EATING DISORDERS IN ADOLESCENCE FROM THE PERSPECTIVE OF HEALTHY NUTRITION	Rabia ACEMİOĞLU Dilan MALGAZ GÜÇLÜ	Iğdır University, Türkiye
DOES DIGITAL E-PARENTING AFFECT CHILDREN'S TECHNOLOGY USE?: A QUASI-EXPERIMENTAL STUDY	Mümin SAVAŞ Kübra Nur BAYRAM Zeliha ŞAHİN	Adıyaman University, Türkiye
CHANGING MEDICAL EDUCATION PROGRAMMES IN A CHANGING WORLD	Alev ORHAN	Sivas Cumhuriyet University, Türkiye
BIBLIOMETRIC ANALYSIS OF STUDIES ON HEALTH ORIENTED LEADERSHIP	Şefik ÖZDEMİR	Aksaray University, Türkiye
SURGICAL SMOKE AND ITS EFFECTS	Seher GÜRDİL YILMAZ	Mersin University, Türkiye
THE IMPORTANCE IN THE SURGICAL PROCESS OF SAFE SURGERY CHECKLIST	Seher GÜRDİL YILMAZ	Mersin University, Türkiye

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 1 / Hall-2

23.11.2024

Moderator: Assist. Prof. Dr. Elif Özdemir

Meeting ID: 813 0348 3436 / Passcode: 222333

Ankara Local Time: 10:00 – 12:00

TITLE	AUTHOR(S)	AFFILIATION
DELAYED PRESENTATION OF HEMATOMA DUE TO INTERCOSTAL ARTERY BLEEDING FOLLOWING TRAUMA IN A 65-YEAR-OLD FEMALE	Betül Tiryaki Baştuğ Selma Aktaş	Bilecik Şeyh Edebali University, Türkiye
INCIDENTAL NON-INFILTRATING THORACIC AND SUPERIOR ABDOMINAL FINDINGS ON CT IMAGES OF PATIENTS WITH COVID-19 PNEUMONIA	Betül Tiryaki Baştuğ Mustafa Boz Selma Aktaş	Bilecik Şeyh Edebali University, Türkiye Bilecik Training and Research Hospital, Bilecik, Turkey
FOREIGN BODY IMAGING	Betül Tiryaki Baştuğ Selma Aktaş	Bilecik Şeyh Edebali University, Türkiye Bilecik Training and Research Hospital, Bilecik, Turkey
THE EFFECT OF ORAL ISOTRETHINOIN AND DOXYCYCLINE TREATMENTS ON NEUTROPHIL LYMPHOCYTE RATIO IN ACNE VULGARIS PATIENTS	Hatice Gencer Basol Erdal Pala	Bilecik State and Research Hospital Atatürk University, Türkiye
KONSERVATİF RİNOPLASTİ	Arda Özdemir	TC Siirt Research and Education Hospital, Siirt, Turkey
THE RELATIONSHIP OF L2 VERTEBRA SUVMAX AND L2 VERTEBRA/LIVER SUVMAX VALUES WITH METASTASIS IN PET/CT	Ozan KANDEMİR Serdar ALTINDAĞ	Muğla Sıtkı Koçman University, Türkiye
DEVELOPMENT OF GREEN HPLC METHOD FOR THE DETERMINATION OF LIDOCAINE HYDROCHLORIDE IN INJECTABLE FORMULATION	Elif Özdemir Şule DİNÇ ZOR	İstanbul Yeni Yüzyıl University, Türkiye Yıldız Teknik University, Türkiye
THE EFFECTS OF ANTİDEPRESSANTS ON THE DEVELOPMENT OF <i>Musca domestica</i> LINNAEUS, 1758 (DIPTERA: MUSCİDAE)	Merve ÖLÇÜCÜ Meltem KÖKDENER	Ondokuz Mayıs University, Türkiye

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 1 / Hall-3

23.11.2024

Moderator: Prof.Dr. Serap TAŞDEMİR

Meeting ID: 813 0348 3436 / Passcode: 222333

Ankara Local Time: 10:00 – 12:00

TITLE	AUTHOR(S)	AFFILIATION
CUMHURİYET HALK PARTİSİ (CHP) VİLAYET KONGRESİ ZABITLARI IŞIĞINDA 1930'LARIN BAŞLARINDA CEBELİBEREKET	Çağlar TAN	Osmaniye Korkut Ata University, Türkiye
THE ROLE OF THE MAJLIS-I VALÂ-YI AHKÂM-I ADLIYE IN THE FORMATION PROCESS OF THE TANZIMAT EDICT AND THE REGULATION OF THE FUNCTIONING OF THE PARLIAMENT IN THIS PROCESS (1838-1840)	Demet KARASU	İzmir Bakırçay University, Türkiye
TÜRKİYE SELÇUKLU DEVLETİ'İNDE ŞEHİR TARİHÇİLİĞİ YAZICILIĞI	Arife EKİCİOĞLU	Kahramanmaraş Sütçü İmam University, Türkiye
A TOOL IN CREATING HISTORICAL CONSCIOUSNESS: ORIENTEERING SPORT	Serap TAŞDEMİR	Amasya University, Türkiye
AN ACTIVE NAME BEHIND THE SCENES IN TURKISH-GREEK RELATIONS FROM THE CONSTITUTIONAL MONARCHY TO THE REPUBLIC PERIOD: BASIL ZAHAROFF	Serap TAŞDEMİR	Amasya University, Türkiye
ATEN BELIEF AND ITS REFLECTIONS ON NEW KINGDOM EGYPT	Cemal Yılmaz	İzmir Bakırçay University, Türkiye

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### III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 1 / Hall-4**

**23.11.2024**

**Moderator: Marieta Todorova**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
THE EFFECT OF THE HAMSTRING MUSCLE ON SPORTS PERFORMANCE AND INJURY PREVENTION: BIOMECHANICAL PERSPECTIVE	Mohammad Ahsan, Abdullah Alzahrani	Imam Abdulrahman Bin Faisal University, Dammam, Kingdom of Saudi Arabia. Shaqra University, Shaqra University, Kingdom of Saudi Arabia
INVOLVEMENT OF THE NURSE IN THE PREVENTION OF ISCHEMIC HEART DISEASE: MONITORING OF RISK FACTORS AND HEALTH EDUCATION	Marieta Todorova	Medical university of Plovdiv
THE INFLUENCE OF CULTURE ON THE TREATMENT SEEKING BEHAVIOIR OF MALARIA PATIENTS IN CAMEROON	Asahngwa Constantine Tanywe	Dr. Cameroon Centre for Evidence-Based Healthcare, Yaounde, Cameroon University of Yaounde1, Cameroon
EXPLORING INDIGENOUS KNOWLEDGE AND PRACTICES IN MALARIA PREVENTION: INSIGHTS FROM RURAL CAMEROON	Asahngwa Constantine Tanywe	Dr. Cameroon Centre for Evidence-Based Healthcare, Yaounde, Cameroon University of Yaounde1, Cameroon
REASON FOR CURRENT INCREASE IN DRUG ABUSE AMONG TEENAGERS	K.sneha,v.sandhiya,S.sherlin sheeba,A. Ashwini	Bharath institute of higher education and research centre
POLYCYSTIC OVARIAN SYNDROME AWARENESS AMONG FEMALE COLLEGE STUDENTS IN OMAN: A CROSS-SECTIONAL STUDY	Fatmah Salim Ali Alsubhi Rawia Rabia Amur Al-Maskari Jestoni Maniago	University of Nizwa, Sultanate of Oman
INVESTIGATION OF PHYSICO-MECHANICAL PROPERTIES OF GYPSUM MORTAR INCORPORATING RECYCLED GYPSUM AS A PARTIAL SUBSTITUTE	OUARED Mohamed Amine, BOUGARA Abdelkader, KHERRAZ Nadjia	Chlef University
PSYCHOPATHOLOGY OF SPOUSES IN FAMILY VIOLENCE	Ljiljana Simonović Grujić, Natalija Jovanović	Belgrade, Srbija
ROLE OF FLOWER-BASED ESSENTIAL OILS IN THE GLOBAL FRAGRANCE INDUSTRY	Ali Ahmad Tasawar Iqbal	University of Agriculture, Faisalabad, Pakistan

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## Session 1 / Hall-5

23.11.2024

**Moderator: R.Vidhyalakshmi**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
PROTECTIVE EFFECT OF NIGELLA SATIVA ON THE REPRODUCTIVE SYSTEM OF MONOSODIUM GLUTAMATE - CHALLENGED MALE WISTAR RATS	Rabiu Musa Isah Nafisa Yusuf Wali	Bayero University Kano, Nigeria.
RISK AND PROTECTIVE FACTORS OF EMOTIONAL EXHAUSTION IN WORKING UNIVERSITY STUDENTS. A HIERARCHICAL MULTIPLE REGRESSION ANALYSIS FOR EMOTIONAL EXHAUSTION	Areeba Talib Dr. Sayyeda Taskeen Zahra	University of Management and Technology, Pakistan
INTERSECTIONALITY IN FEMINISM: UNDERSTANDING THE MULTIPLE IDENTITIES OF WOMEN	R.Vidhyalakshmi, K.Rajaganapathy	Bharath Institute Of Higher Education And Research,Selaiyur,Chennai 600073,Tamil Nadu,Chennai.
FORMULATION AND CHARACTERIZATION OF PHARMACEUTICAL SUSPENSIONS BASED ON A NATURAL COMPOSITE MATERIAL BASED ON COLLOIDAL PARTICLES OF MICROCRYSTALLINE CELLULOSE COATED WITH OSA-STARCH	BOULHAIA Imene, MOULAI-MOSTEFA Nadji, HADJSADOK Abdelkader, AOUABED Ali	University of Blida 1, Algeria University of Medea, Algeria
THE EFFECTS AND MANAGEMENT OF UNANI MEDICINE ON MENOPAUSAL SYMPTOMS DURING THE MENOPAUSAL TRANSITION: A SYSTEMATIC REVIEW	Faria Nawab, Anwar A Quraishi, Shajiya S Moosa	State Unani College, Prayaraj, Uttar Pradesh, India Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia
A DETAILED REVIEW OF ITS PHARMACOGNOSY, PHYTOCHEMISTRY, AND MEDICINAL PROPERTIES OF GUAVA OIL	Jayashree S,Dr.V.Rakshana,Dr.R.Srini vasan	Bharath institute of higher education and research ,chennai ,Tamilnadu,Indian
SELECTED NANOTECHNOLOGIES AND NANOSTRUCTURES FOR DRUG DELIVERY, NANOMEDICINE, AND CURE	V.sandhiyar	Bharath Institute of Higher Education and Research,Chennai.
REPRODUCTIVE PATHOLOGY OF GILTHEAD SEABREAM (SPARUS AURATA) IN ALGERIA	Mouassa Bochra	University Chadli benjdid, el Tarf, Algeria

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## Session 1 / Hall-6

23.11.2024

**Moderator: Dr. Korab Hoxha**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
EPIDEMIOLOGY AND PREVALENCE OF COMMUNITY-ONSET S. AUREUS INFECTIONS AMONG OUT-PATIENTS ATTENDING MICROBIOLOGY LABORATORY OF FEDERAL TEACHING HOSPITAL, GOMBE	Hauwa Sa'idu Musa	Abubakar Tafawa Balewa University, Bauchi
STRUCTURE-BASED DRUG REPURPOSING TO INHIBIT THE DNA GYRASE OF MYCOBACTERIUM TUBERCULOSIS	Balasubramani G L, Rinky Rajput, Manish Gupta, Pradeep Dahiya, Jitendra K Thakur, Rakesh Bhatnagar, Abhinav Grover	Jawaharlal Nehru University, New Delhi - 110067. National Institute of Plant Genome Research, Aruna Asaf Ali Marg, New Delhi. Banaras Hindu University, Banaras, Uttar Pradesh- 221005, India
THE ROLE OF CURCUMIN IN LEPROSY THERAPY: A REVIEW OF ITS ANTI-INFLAMMATORY AND ANTIMICROBIAL PROPERTIES	G.Premanand, Dr.R.Saravanan, Dr.R.Srinivasan	Bharath Institute of Higher Education And Research, Chennai, India
A SHORT REVIEW ON ALOE VERA	S. Sherlin sheeba, k. Sneha, A. Ashwini, G.Aasma begum, D. Anushya	Bharath Institute Of Higher Education And Research.
A SYSTEMATIC REVIEW OF ETHNOBOTANICAL, PHYTOCHEMICAL, AND ETHNOPHARMACOLOGICAL STUDIES OF URTICA SIMENSIS (STINGING NETTLE)	A.Ashwini, Hamshini Esha.E, Selve kumsr.V, Venkateshwaran.S, Sheron Kevin S., M.K.Vijayalakshmi, Dr.R.Srinivasan	Bharath institute of higher education and research india Chennai
SHORT REVIEW ON OSTEOPOROSIS	Dhineshbabu.B Kalaivanan Dr.R.Srinivasan	Bharath institute of higher education and research
HEALTH CARE SYSTEMS AND PHARMACY SERVICES	V.Ranjani, K.M.Keerthivasan, Dr.W. Helen	Bharath Institute of Higher Education and Research, Chennai, Tamilnadu, India.
HERNIA DISEASE TREATMENT AND REHABILITATION BASED ON CURRENT PRACTICE	Dr. Korab Hoxha	University of Tetovo, Macedonia
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## Session 1 / Hall-7

23.11.2024

**Moderator: Nedeljko M. Milanović**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
BIOLOGICAL FACTORS AS INFLUENCERS OF GIRL-CHILD EDUCATIONAL DEVELOPMENT	Dr. Rabiū Garba Ahmad, Auwalu Haladu	Sa'adatu Rimi College of Education Kumbotso Kano, Nigeria
CREATIVE WORKSHOPS OF STUDENTS AND EDUCATORS IN THE BOARDING SCHOOL: IDEAS FOR COOPERATION AND JOINT ACTIVITIES OF STUDENTS, PARENTS AND EDUCATORS	Nedeljko M. Milanović Sanja D. Mijajlović	University of Kragujevac, Serbia School for Music Talents in Ćuprija, Serbia
COOPERATION OF PSYCHOLOGISTS, PEDAGOGUE AND EDUCATORS IN THE BOARDING SCHOOLS - QUALITY OF INTERACTION AND CHALLENGES IN WORKING WITH PARENTS	Nedeljko M. Milanović Sanja D. Mijajlović	University of Kragujevac, Serbia School for Music Talents in Ćuprija, Serbia
TWENTY-FIRST CENTURY PROFESSIONAL CAPACITY TRAINING NEEDS FOR EFFECTIVE TEACHING AND LEARNING AMONG SCIENCE TEACHERS IN NIGER EAST SENATORIAL ZONE, NIGER STATE. NIGERIA	Gana E, Yaki A. A, Bello R. M.	Niger State Teacher Professional Development Institute Minna, Niger State Science Education Department, Federal University of Technology Minna, Niger Stat
ASSESSMENT OF ENVIRONMENTAL EDUCATION CONCEPTS' KNOWLEDGE AND 21ST CENTURY PEDAGOGICAL SKILLS AMONG UNIVERSITY LECTURERS IN NIGER STATE	Shuaeeb A. I., Bello M. R., Idris U. S. B.	Federal University of Technology Minna, Niger State, Nigeria.
BRIDGING THE DIGITAL DIVIDE IN HIGHER EDUCATION: EVALUATING DIGITAL LITERACY DEVELOPMENT AMONG STUDENTS AND FACULTY FOR ENHANCED ACADEMIC OUTCOMES AND INSTITUTIONAL RESILIENCE	Julius Ademola OYEWOLE Akeem Abimbola DAUDA Opeyemi Isaac FASIPE	University of Ilesa, Ilesa, Osun State, Nigeria
IMPACT OF TOYS FOR EFFECTIVE TEACHING AND LEARNING IN LOWER BASIC EDUCATION	Tanko Linus Jemimah Jatau Yakubu Umar Ahmed Bossan Hussaina David	Kaduna State College of Education, Gidan Waya

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 2 / Hall-1

23.11.2024

**Moderator: Assist. Prof. Dr. Gül den KILIÇ**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
COMPARATIVE THEORETICAL ANALYSIS OF ENERGY POTENTIAL VALUES OF WHEAT STALK WASTE: DENİZLİ AND KÜTAHYA EXAMPLE	Ismail NANELİ	Sakarya Applied Sciences University, Türkiye
COMPARATIVE THEORETICAL ANALYSIS OF ENERGY POTENTIAL VALUES OF WHEAT STALK WASTE: BURSA AND YALOVA EXAMPLE	Ismail NANELİ	Sakarya Applied Sciences University, Türkiye
MONITORING LONG-TERM (2000-2022) DROUGHT VALUES OF DÜZİÇİ PLAIN WITH NDVI ANALYSIS	Türkan Bayer Altın Alperen Tapçı	Niğde Ömer Halisdemir University, Türkiye
EFFECTS OF ORANGE PEEL POWDER ADDED TO JAPANESE QUAIL (COTURNIX COTURNIX JAPONICA) RATIONS ON FATTENING PERFORMANCE	Ömer ÇİMEN Sema YAMAN FIRINCIOĞLU	Niğde Omer Halisdemir University, Türkiye
WATER BUFFALO BREEDING IN YOZGAT PROVINCE: STRUCTURAL CHARACTERISTICS OF FARMS AND EXAMINATION OF FARMERS	Hatice ÇAT Orhan ERMETİN	Yozgat Bozok University, Türkiye
IS HEALTHY EATING POSSIBLE THROUGH FOOD BANKS?	Gökçe Nur Selbi Ali Emrah Bıyıklı	Alanya Alaaddin Keykubat University, Türkiye
USAGE POTENTIAL OF NANOPARTICLES IN FOOD SAFETY	Gül den KILIÇ	Alanya University, Türkiye
CURRENT STATUS OF GENETIC BREEDING STUDIES FOR IMPROVING THE PRODUCTIVITY LEVELS OF DOMESTIC CHICKEN BREEDS IN TÜRKİYE	Yunus Emre BOGA Ali KEPEZKAYA	Iğdır University, Türkiye Çukurova University, Türkiye
ECONOMIC LOSSES DUE TO KETOSIS IN DAIRY CATTLE	Mehmet KÜÇÜKOFLAZ Aleyna Kübra AYDIN Can İsmail ZAMAN Erol AYDIN	Kafkas University, Kars, Türkiye

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**Session 2 / Hall-2****23.11.2024****Moderator: Dr. Ecem KARA****Meeting ID: 813 0348 3436 / Passcode: 222333****Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
COMPARATIVE DETERMINATION OF PROLINE CONTENT IN BARLEY AND BEAN SPROUTS UNDER EXTREME SALINITY CONDITIONS	Boyukkhanim JAFARZADE Vilayet ABDIYEV Sevinj ISMAYİLOVA Nigar ALIYEVA Abdullayeva Mina Vusal	Baku State University, Baku, Azerbaijan
CYTOTOXIC AND GENOTOXIC EFFECTS OF NOVEL COUMARIN COMPOUNDS ON <i>ALLIUM CEPA</i> STEM CELLS AND MOLECULAR DOCKING STUDIES	Nisa GÜMÜŞ Halil Erhan EROĞLU Mehmet GÜMÜŞ Yusuf SERT İrfan KOCA	Yozgat Bozok University, Türkiye
INTERACTIONS AND THEORETICAL STUDIES OF QUINOXALINONE-THIAZOLE HYBRID MOLECULES WITH HSP70 PROTEIN	Mehmet GÜMÜŞ Yusuf SERT İrfan KOCA	Yozgat Bozok University, Türkiye
DETERMINATION OF THE EFFECTS OF DIFFERENT DROUGHT CONCENTRATIONS ON ONION ( <i>Allium cepa</i> L.) IN VITRO CONDITIONS	Ecem KARA Gökhan BAKTEMUR Hatıra TAŞKIN	Sivas Science and Technology University, Türkiye
DETERMINATION OF TOLERANCE LEVEL OF LEEK ( <i>Allium ampeloprasum</i> var. <i>porrum</i> L.) TO DIFFERENT PEG DOSES IN VITRO CONDITIONS	Ecem KARA Hatıra TAŞKIN Gökhan BAKTEMUR	Sivas Science and Technology University, Türkiye
INVESTIGATION OF NEW METHODS APPLIED AND APPLICABLE IN OVERWINTERING OF HONEY BEES	Yunus Emre BOGA Yasemin GÜMÜSTAS Ömer ÇİMEN	Iğdır University, Türkiye Cukurova University, Türkiye Niğde Ömer Halisdemir University, Türkiye
THE MOST IMPORTANT BACTERIAL DISEASES OF WHEAT AND THEIR BIOLOGICAL CONTROL	Nida UYSAL	Niğde Ömer Halisdemir University, Türkiye
BIOLOGICAL CONTROL OF MAJOR BACTERIAL DISEASES OF RICE ( <i>ORYZA SATIVA</i> L.)	Nida UYSAL	Niğde Ömer Halisdemir University, Türkiye

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 2 / Hall-3**

**23.11.2024**

**Moderator: Assoc. Prof. Dr. Beyazıt Yaşar SEYHAN**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
THE ARROGANCE AND DESTRUCTION OF THE PEOPLE OF AD	Mahmut ÖZTÜRK	Harran University, Türkiye
THE QURAN'S GIVING IMPORTANCE TO MAN'S INDIVIDUAL EFFORTS	Mahmut ÖZTÜRK	Harran University, Türkiye
ENVY IN HADITHS	Necip Sefa DEMİR	Bayburt University, Türkiye
EVALUATION OF A NARRATION ABOUT THE DEATH OF IMRU'L-QAYS	Necip Sefa DEMİR	Bayburt University, Türkiye
DİN PSİKOLOJİSİ AÇISINDAN DİN VE RUH KAVRAMI ÜZERİNDE YORUMLAR	Beyazıt Yaşar SEYHAN	Osmaniye Korkut Ata University, Türkiye

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 2 / Hall-4**

**23.11.2024**

**Moderator: Grace Madraa**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
EVALUATING THE AMELIORATIVE EFFECTS OF NATURAL HERBAL SUPPLEMENTS ON HEAVY METAL TOXICITY IN COMMON CARP (CYPRINUS CARPIO)	Adan Naeem, Syed Makhdoom Hussain, Danish Riaz, Zubair-ul-Hassan Arsalan, Muhammad Adnan Khalid, Zeeshan Yousaf, Muhammad Amjad and Eman Naeem	Government College University, Faisalabad, Pakistan
INVESTIGATING THE IMPACT OF ALOE VERA DIETARY SUPPLEMENTATION ON THE WELL-BEING AND PHYSIOLOGICAL RESPONSES OF CATLA CATLA	Eman Naeem, Syed Makhdoom Hussain, Danish Riaz, Zubair-ul-Hassan Arsalan, Muhammad Adnan Khalid, Muhammad Faisal, Muhammad Amjad and Adan Naeem	Government College University, Faisalabad, Pakistan
EFFECTS OF FUEL SUBSIDY REMOVAL ON MULTIDIMENSIONAL POVERTY AMONG FARMING HOUSEHOLDS IN KOGI STATE, NIGERIA	B. Abdullahi; I. B. Usman; F. O. Suberu	Federal University of Technology, Minna, Nigeria
EFFECTS OF INSURGENCY ON INCOME OF RURAL FARMERS IN NIGER STATE, NIGERIA	Jibrin S, Ibrahim M., Abdullahi A. Abubakar, M. B., Emejor F.	Federal University of Technology, Minna, Niger State, Nigeria
TRENDS OF AGRICULTURAL EXTENSION IN UGANDA FOR SUSTAINABLE SMALLHOLDER FARMERS' AGRICULTURAL TRANSFORMATION	Grace Madraa, Nguyen Thanh Binh	Can Tho University, Vietnam
ODOUR CONTROLLED POULTRY MANURE; EFFECT ON OKRA (ABELMOSCUS ESCLENTUS) PRODUCTION	Ogbu Onyinye Christiana, Oguebiri, E., Freeman, L.L., Mbonu, P.C., Mmoba, C., and Igwudu, O.M.	Federal Polytechnic Oko Anambra stte Nigeria.
PHYTOCHEMICAL ANALYSIS AND IN VITRO ANTIOXIDANT AND ANTIDIABETIC ACTIVITIES OF QUINOA (CHENOPODIUM QUINOA WILLD.) SEED EXTRACTS	Zaina Idir; Fatima Aouinti; Rhizlane Abdnim; Ilham Abidi; Mohamed Bnouham; Nadia Gseyra	Mohammed First University, Oujda 60000, Morocco Hassan II Institute of Agronomy and Veterinary sciences, Rabat 10112, Morocco
DIGITAL AGRICULTURE FOR IMPROVING RICE CROP MANAGEMENT IN MOROCCO: USING SENSORS AND REAL-TIME DATA	Elwahab Fathalah Ziri Rabea Brhadda Najiba Hassan Boukita Chatto Abdelaziz Sedki Mohamed	University Ibn Toufail Regional Center of Agricultural Research of Kenitra, Morocco

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## Session 2 / Hall-5

23.11.2024

**Moderator: Sergiy LAVRENKO**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
ASSESSMENT OF THE TOXICITY OF TRIBOLIUM CONFUSUM EXPOSED TO MENTHOL-LIMONENE BASED NATURAL DEEP EUTECTIC SYSTEMS (NADES)	Ružica Ždero Pavlović, Aleksandra Popović, Miloš Petrović, Denis Uka, Tatjana Jurić, Aleksandra Petrović, Boris M. Popović	University of Novi Sad, Trg Dositeja Obradovica 8, 21000 Novi Sad, Serbia
ETHNOPHARMACOLOGICAL STUDY OF TRADITIONAL PLANTS USED IN THE NORTH-WEST OF ALGERIA	Asma DJAHAFI, Leila AÏT ABDERRAHIM, Khaled TAÏBI, Khadidja MEKNASSI	University of Tiaret, Algeria
AN ASSESSMENT OF EPHEDRA ALATA ALENDIA'S MEDICINAL PLANTS' ABILITY TO COUNTERACT FENTHION'S NEPHROTOXICITY	Ilhem DJAALALI, Kamilia GUEDRI	Larbi Tebessi University, Tebessa, Algeria.
THE EFFICIENCY OF GROWING DIFFERENT VARIETIES OF APPLES USING ORGANIC TECHNOLOGY	Sergiy LAVRENKO Sofia LAVRENKO	Kherson State Agrarian and Economic University, Faculty of Agronomy, Department of Agriculture, Kherson, Ukraine
EFFECT OF APPLICATION OF TITANIUM DIOXIDE IN THE MANAGEMENT OF FUSARIUM WILT AND FRUIT YIELD OF SOME TOMATO ACCESSIONS	Ajiwe S. T., Adigun M. A.	Ajayi Crowther University, Oyo, Nigeria Federal University of Agriculture, Abeokuta
EFFICACY OF SOIL AMENDMENTS WITH BIO-FUMIGANT CROPS AND ANIMAL MANURE ON THE GROWTH AND FRUIT YIELD OF FUSARIUM WILT-INFECTED TOMATOES	Ajiwe S. T., Adigun M. A.	Ajayi Crowther University, Oyo, Nigeria Federal University of Agriculture, Abeokuta
IDENTIFICATION OF PATHOGENIC VARIANTS RESPONSIBLE FOR CHARCOT MARIE TOOTH DISEASE IN PAKISTANI PATIENTS BY WHOLE EXOME SEQUENCING ANALYSIS	Sumaira Kanwal, Shazia Perveen	University, Islamabad, Sahiwal Campus, Pakistan The Women University Multan, Pakistan.
MODERN AGRICULTURE AND ITS INNOVATIONS	N.K Piranesh P Mahan M.Muhammad Waseem Rashid Kumar Suresh Kumar Dr.M.Meena	R.M.K. Engineering College ,Kavaraipettai,Thiruvallur District,Tamil Nadu,India
SEROLOGICAL AND HISTOPATHOLOGY ASSESSMENT OF 2-(THIOPHEN-2-YL) BENZOTHIAZOLE ON THE ROTENONE-INDUCED PARKINSON'S RAT MODEL	Sumaira Kanwal, Shazia Perveen	Comsats University Islamabad The Women University Multan, Pakistan.

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 2 / Hall-6**

**23.11.2024**

**Moderator: Plamen Glogov**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
FARMING SYSTEM RESEARCH AND EXTENSION SERVICE TRANSFORMATION IN KENYA – A CRITICAL REVIEW	Gideon Chirchir, Nguyen Thanh Binh	Can Tho University, Vietnam
EFFECT N, P, K, S, Zn & B ON GROWTH AND YIELD OF CABBAGE	Sadbir AHMED Dr. Md Saiful Islam Sakila Khatun Md. Saidul Islam	University of Rajshahi, Rajshahi 6205, Bangladesh
ISOLATION AND IDENTIFICATION OF THE AIR MYCOFLORA OF THE JOSEPH SARWUAN TARKA UNIVERSITY MAKURDI, MICROBIOLOGY LABORATORIES	Igene Moses Dennis Dr Ubogu Monday	Joseph Sarwuan Tarka University, Makurdi, Benue State, Nigeria.
BACTERIOLOGICAL ANALYSIS OF URINE POLLUTED ENVIRONMENTS IN JOSEPH SARWUAN TARKA UNIVERSITY, MAKURDI	Igene Moses Dennis Dr. Ubogu Monday	Joseph Sarwuan Tarka University, Makurdi, Benue State, Nigeria.
PRELIMINARY IN VITRO PROPAGATION TRIALS OF CACTUS OPUNTIA ROBUSTA	Dr. Chokri BAYOUDH Mrs Afifa MAJDOUB Pr. Taoufik BETTAIEB	Regional Research Centre on Horticulture and Organic Agriculture (CRRHAB), Tunisia. University of Carthage, Tunisia
APPLICATION OF DYE ON COTTON FABRIC EXTRACTED FROM HENNA LEAVES (LAWSONIA INERMIS)	Hannatu Abubakar Sani, Miftahu Muhammad	Kebbi State University of Science and Technology, Aleiro, Kebbi State, Nigeria
DATA ON SUBTAXA OF EXOTIC TREE SPECIES HIMALAYAN BIRCH (BETULA UTILIS D.DON) IN BULGARIA	Plamen Glogov, Gergana Zaemdzhikova	Forest Research Institute- Bulgarian Academy of Sciences
THE IN SILICO DESIGN OF LAMP-CRISPR BASED DRUG RESISTANT PLASMODIUM FALCIPARUM DIAGNOSTICS WITH THE ASSISTANCE OF BIOINFORMATICS TOOLS	Aarli Aditya Parikesit, Rio Hermantara, Elizabeth Sidhartha	Indonesia International Institute for Life Sciences, Jakarta, Indonesia

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 2 / Hall-7

23.11.2024

**Moderator: Zohaib Hassan Sain**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
UNDERSTANDING AND ENHANCING ADAPTABILITY QUOTIENT (AQ) IN HIGHER EDUCATION: A COMPREHENSIVE ANALYSIS	Gulzhan Baimuldinova Kosmagambetova Gulnar,	L.N.Gumilyov Eurasian National University, Astana, Kazakhstan
SOCIAL PARTICIPATION OF AFGHAN WOMEN	Ziagul Afzali, Shafiq Hussaini	Ahlubayt international University, Iran
FORMING PROFESSIONAL MOTIVATION IN UNIVERSITY STUDENTS	Yerhanat Orolbek Zhumabekova Fatima Niyazbekovna	L.N. Gumilyov Eurasian National University
INVESTIGATING THE CURRENT OBSTACLES OF WOMEN SEEKING EDUCATION IN AFGHANISTAN	Jamila Rahmani	
VIOLENCE AGAINST WOMEN IN THE CARRENT SOCIETY OF AFGHANISTAN	Binazir Mubariz, Jamila Rahmani	Ahlubayt intrnational University, Iran.
AGGRESSION AS A BEHAVIORAL DISORDER IN CHILDREN	Assoc. Prof. Dr. Gordana Dukić Ana-Marija ILIĆ	Independent University of Banja Luka, Faculty of Education, Banja Luka, Bosnia and Herzegovina University of Business Studies, Bosnia and Herzegovina
THE IMPACT OF POSITIVE FEEDBACK TO STUDENT-TEACHERS AFTER LESSON OBSERVATION IN KADUNA STATE COLLEGE OF EDUCATION	Kazah-Ashi Barwa Gregory Patrick Bodam Victor Yunana Bowman Tanko Linus	Kaduna State College of Education
EATING HABITS AND SCHOOL PERFORMANCE IN 10-13 MOROCCAN PRIMARY STUDENTS FROM KHEMISSET	Mohcin Elkhatir, Miloud Chakit, Abdechahid Loukili, Youssef Aboussaleh	Ibn Tofail University, Kenitra, Morocco.
CORE ELEMENTS OF DIGITAL ACADEMIC LEADERSHIP IN HIGHER EDUCATION: A COMPREHENSIVE REVIEW	Zohaib Hassan Sain	Superior University, Pakistan
EFFECTS OF POWTOON APPLICATION VIDEO ON LEARNING OUTCOMES AMONG PRE-SERVICE GEOGRAPHY TEACHERS IN NORTH CENTRAL, NIGERIA	Usman Z.N., Prof. Tukura C. S., Kuta I. I., Prof. Yunusa M. B.	Superior University, Pakistan Federal University of Technology, Minna, Nigeria

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**Session 3 / Hall-1****23.11.2024****Moderator: Prof. Dr. M. Fedai ÇAVUŞ****Meeting ID: 813 0348 3436 / Passcode: 222333****Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
THE EFFECT OF WORKPLACE SPIRITUALITY ON EMPLOYEES' FORGIVENESS AND ALTRIMUSISM LEVELS	Ülke Hilal ÇELİK	Atatürk University, Türkiye
QUALITATIVE ASSESSMENT OF FARMERS' PROPENSITY FOR AGRICULTURAL INFORMATICS: THE CASE OF MUS PROVINCE	İbrahim YILDIZ Yusuf Ekmekçi	Atatürk University, Türkiye
HARD CONSTITUTIONS AND LIMITATION OF POWER	İnci ÇOBAN İNCE	Çankırı Karatekin University, Türkiye
A STUDY ON TIME MANAGEMENT AND JOB STRESS	M. Fedai ÇAVUŞ	Osmaniye Korkut Ata University, Türkiye
STRATEGIC PLANNING AWARENESS: A RESEARCH IN OSMANIYE MUNICIPALITY	M. Fedai ÇAVUŞ	Osmaniye Korkut Ata University, Türkiye
ECONOMIC APPROACH TO DIGITAL HEALTH IN TÜRKİYE AND COMPARISON WITH OECD COUNTRIES	Nihal KALAYCI OFLAZ Olcay ÖZEN	İstanbul Medipol University, Türkiye
EXAMINING THE EFFECTS OF GLOBAL CITIZENSHIP PROCESS ON ORGANIZATIONAL MOTIVATION THROUGH CONTENT ANALYSIS	Zuhal KAYA	Afyon Kocatepe University, Türkiye
ANALYSIS OF EXCHANGE RATE AND SUB-MAIN GROUP CONSUMER PRICE INDICES WITH TIME-VARYING CAUSALITY METHOD	Hatice BOZKURT	Ordu University, Türkiye
THE EFFECTS OF GLOBAL AND LOCAL FOOD AND ENERGY PRICES ON INFLATION: THE CASE OF TURKEY	Hatice BOZKURT	Ordu University, Türkiye

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**Session 3 / Hall-2****23.11.2024****Moderator: Assoc. Prof. Dr. Haluk YAMAN****Meeting ID: 813 0348 3436 / Passcode: 222333****Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
AN APPLICATION ON THE EFFECT OF CREDIT CARD BASED PAYMENTS ON INFLATION IN TURKEY	Erdoğan EKŞİOĞLU	Cumhuriyet University, Türkiye
EMPIRICAL RESEARCH ON THE RELATIONSHIP BETWEEN FUEL PRICES AND EXCHANGE RATES IN TURKEY	Erdoğan EKŞİOĞLU	Cumhuriyet University, Türkiye
THE EFFECTS OF VOTERS' EMOTION LEVELS ON THEIR VOTING PREFERENCES AFTER A DISASTER	Haluk YAMAN Zehra ERTÜK	Fırat University, Türkiye
A FIELD STUDY ON THE EVALUATION CRITERIA OF LOCAL GOVERNMENTS BY VOTERS IN DISASTER REGIONS	Haluk YAMAN Mert CAN	Fırat University, Türkiye
SOCIAL MEDIA AND ADDICTION: AN ANALYSIS ON GENERATION Z	Mikail BATU Mert Aydın	Necmettin Erbakan University, Türkiye
HOW IS DIGITALIZATION USE BY INSTITUTIONS? A RESEARCH ON THE ADVANTAGES THEY PROVIDE TO INSTITUTIONS	Mikail BATU Berfin ÇAKIL	Necmettin Erbakan University, Türkiye
SANAL ARAZİ YAKLAŞIMI VE ULUSLARARASI TARIM ÜRÜNLERİ TİCARETİ	Saliha ÇELİK Harun UÇAK	Osmaniye Korkut Ata University, Türkiye Alanya Alaaddin Keykubat University, Türkiye
TÜRKİYE'NİN TARIM ÜRÜNLERİ TİCARETİNDEKİ SANAL ARAZİ TİCARET DENGESİ	Saliha ÇELİK Harun UÇAK	Osmaniye Korkut Ata University, Türkiye Alanya Alaaddin Keykubat University, Türkiye
THE EFFECT OF AGREEABLENESS PERSONALITY TRAIT ON EXTRA-ROLE SERVICE BEHAVIOR	Vural DENİZ Gökhan KERSE	Selçuk University, Türkiye Kafkas University, Türkiye
PRESENTEEISM: A BIBLIOMETRIC INVESTIGATION WITH VOSVIEWER	Gökhan KERSE Şeref MADEN Evrin TARTAN SELÇUK	Kafkas University, Türkiye Bolu Abant İzzet Baysal University, Türkiye Karamanoğlu Mehmetbey University, Türkiye

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 3 / Hall-3**

**23.11.2024**

**Moderator: Assist. Prof. Dr. Alper Tunga ŞEN**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
OPPORTUNITIES AND CHALLENGES IN IMMIGRANT ENTREPRENEURSHIP	Tuğba KONUK	Independent Researcher
THE IMPACT OF ISLAMIC FINANCE ON ECONOMIC DEVELOPMENT AND SOCIAL PEACE	Tuğba KONUK	Independent Researcher
A VIRAL TASTE DUBAI CHOCOLATE	Alper Ateş Halil Sunar	Selçuk University, Türkiye
THE REFLECTION OF THE NIGHT ECONOMY ON TOURISM: NIGHT TOURISM	Alper Ateş Halil Sunar	Giresun University, Türkiye
YOUNG PEOPLE NEITHER IN EMPLOYMENT NOR IN EDUCATION IN THE EARTHQUAKE ZONE (NEET): CURRENT SITUATION AND POLICY RECOMMENDATIONS	Gülferah ERTÜRKMEN Sevim EZGİ İSLAH	Kahramanmaraş Sütçü İmam University, Türkiye
EVALUATION OF THE RELATIONSHIP BETWEEN DIGITAL TRANSFORMATION PROCESS AND JOB FINDING ANXIETY LEVEL: A STUDY ON POLITICAL SCIENCE AND PUBLIC ADMINISTRATION DEPARTMENT STUDENTS	Alper Tunga ŞEN	Kastamonu University, Türkiye

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**Session 3 / Hall-4****23.11.2024****Moderator: Dr. Cristina Botîlcă****Meeting ID: 813 0348 3436 / Passcode: 222333****Ankara Local Time: 15:00 – 17:00**

<b>TITLE</b>	<b>AUTHOR(S)</b>	<b>AFFILIATION</b>
IDEA, INSPIRATION AND ARTISTIC DEPICTION OF MARLIN	Ananda Majumdar	University of Alberta
FEATURES OF ANNE SEXTON'S ARTISTIC STYLE	Karolina Bilous	Oles Honchar Dnipro National University, Faculty of Ukrainian and Foreign Philology and Arts, Dnipro, Ukraine
MOTHER-AND-DAUGHTER RELATIONSHIP IN ANN SEXTON'S POETRY "THE DOUBLE IMAGE"	Karolina Bilous	Oles Honchar Dnipro National University, Faculty of Ukrainian and Foreign Philology and Arts, Dnipro, Ukraine
GENRE AND THEMATIC FEATURES OF CHINESE MEDIEVAL SHI AND QI	Karolina Bilous	Oles Honchar Dnipro National University, Faculty of Ukrainian and Foreign Philology and Arts, Dnipro, Ukraine
KHOTANESE LITERARY WORKS	Fariba Sharifian	Associate Professor of the Research Institute of Cultural Heritage and Tourism, Tehran, Iran
DEATH AND POP CULTURE: MODERN INNOVATIONS IN BODY DISPOSAL AND THEIR CULTURAL IMPACT	Dr. Cristina Botîlcă	Independent researcher, Bucharest, Romania
THE "FLOWER BOMB" FROM PAKISTAN "PASOORI" AND THE CHOREOGRAPHERS' AND DANCERS' RESPONSE TO THIS "WEAPON" – CONTENT AND SENTIMENT ANALYSIS OF THE DANCE COVERS. SOME TRENDS AND PSYCHOLOGICAL NOTES	Andrey Popatanasov, Elitsa Petrova, Mona Kaushik	Bulgarian Academy of Sciences, Sofia, Bulgaria Sofia University, Sofia, Bulgaria

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## Session 3 / Hall-5

23.11.2024

**Moderator: Christar Rumbay**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
CHRISTIAN RELIGIOUS EDUCATION AND MINAHASAN CULTURE: INTEGRATING FAITH AND LOCAL TRADITIONS IN IDENTITY FORMATION	Frieska Putrima Tadung, Christar Rumbay	Institute Agama Kristen Negeri Manado
CHRISTIAN RELIGIOUS EDUCATION AND THE ROLE OF MINAHASAN WOMEN: FAITH, IDENTITY, AND CULTURAL RESILIENCE	Djoys Anneke Rantung	Universitas Kristen Indonesia
CHRISTIAN SOTERIOLOGY AND PARTICULARISTIC UNIVERSALISM: A THEOLOGICAL EXAMINATION OF SALVATION AND INCLUSIVITY	Ibelala Gea, Christar Rumbay	Institute Agama Kristen Negeri Tarutung
THE SOCIOLOGY OF MUSIC AND THE CULTURAL IDENTITY OF MINAHASAN MUSIC IN THE INDONESIAN ARCHIPELAGO	Agusthina Siahaya, Dewi Tika Lestari, Christar Rumbay	Institute Agama Kristen Negeri Tarutung
PROGRESSIVE LAW AND LEGAL PROTECTION IN INDONESIA: PATHWAYS FOR JUSTICE AND SOCIAL WELFARE	Christar Rumbay, Andrew Bethlen, Paltiada Saragih	Institute Agama Kristen Negeri Tarutung
THE INTERPLAY OF MANGONGKAL HOLI AND THE HOLY SPIRIT IN BATAK TOBA CULTURE: TRADITION, THEOLOGY, AND SPIRITUAL CONTINUITY	Rogate Artaida Tiarasi Gultom, Christar Rumbay	Institute Agama Kristen Negeri Tarutung
THE MANGUNI BIRD AND ETHICAL THEOLOGY: EXPLORING SYMBOLISM, SPIRITUALITY, AND MORAL VALUES IN MINAHASA CULTURE	Andar Gunawan Pasaribu, Christar Rumbay	Institute Agama Kristen Negeri Tarutung

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**Session 3 / Hall-6****23.11.2024****Moderator: Dr. Sheeba Irafn****Meeting ID: 813 0348 3436 / Passcode: 222333****Ankara Local Time: 15:00 – 17:00**

<b>TITLE</b>	<b>AUTHOR(S)</b>	<b>AFFILIATION</b>
ZAMINDARI RIGHTS IN AWADH DURING MUGHAL PERIOD	Mahenaz	Aligarh Muslim University
EUROCENTRIC INFLUENCE ON THE HISTORICAL TREATMENT OF MUGHAL WOMEN, FOCUSING ON REDUCTIVE NARRATIVES OF SUBJUGATION	Dr. Sheeba Irafn	GIFT University Gujranwala, Punjab Pakistan
CULTURALLY MARKED VOCABULARY IN "THE FOREST'S SONG" AND ITS TRANSLATION	Polina Horielova	Oles Honchar Dnipro National University, Ukraine
NATURE, GENDER, AND POWER: ECOFEMINIST READINGS OF ALICE WALKER'S THE COLOR PURPLE	Swati Suman	B.R.A.B.U.,Muzaffarpur
WOMEN'S POLITICAL PARTICIPATION IN INDIA	Maryam hassan	Ahlul bayt internTional University of tehran (iran)
GEPOLITICS IN FLUX: U.S. GLOBAL LEADERSHIP UNDER DONALD TRUMP'S NEW REGIME	Md.Mizanur Rahman	Youth Policy Forum, Bangladesh

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## Session 3 / Hall-7

23.11.2024

**Moderator: Alhassan Yunusa Alkali**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
THE STRATEGIES FOR ENHANCING THE TEACHING OF FOUNDRY TECHNOLOGY IN NIGER STATE POLYTECHNIC, ZUNGERU	Alhassan Yunusa Alkali, Mohammed Alhassan, Umar Y. Ibrahim, Abdullahi AM. Yassar	Federal University of Technology Minna
WATCHR: A HATE SPEECH DETECTION DISCORD BOT	Taran Bhuee, Manav Mehta	Sharda University, Greater Noida
ROLE OF WOMEN AND YOUTH IN PROFESSIONAL EDUCATION	Mamatkulova Gulnigorbonu	Chirchik State Pedagogical University, faculty of pedagogical, Chirchik, Uzbekistan
THE CODING SCHEME CATEGORIZING IMAGES AND SYMBOLS BASED ON THEMES, MOTIFS AND NARRATIVE CONTEXTS	Prof. Dustnazar Omonovich Khimmatiev Nilufar Parida qizi Omonova	Chirchik State Pedagogical University, faculty of pedagogical, Chirchik, Uzbekistan
SPECIFIC ASPECTS OF THE PROFESSIONAL MOTIVATION	Usarov Jabbor Eshbekovich Meyliyeva Mutabar Sayfullayevna	Chirchik State Pedagogical University
THE IMPROTANCE OF FEMALE LEADERSHIP IN EDUCATION AND ITS DEVELOPMENT	Dustnazar Omonovich Khimmatiev Samariddin Barakayevich Qorayev Gopporova Odinoxon	Chirchik State Pedagogical University, faculty of pedagogical, Chirchik, Uzbekistan
PROBLEMS OF TRUST AND INSECURITY IN PSYCHOLOGY	Usarov Jabbor Eshbekovich Buriyeva Kibrijo Ergashevna	Chirchik State Pedagogical University, faculty of pedagogical, Chirchik, Uzbekistan
SWAD: GLOWWORM SWARM OPTIMIZATION-BASED MOTION PLANNING FOR INTERNET OF DRONE THINGS IN WINDY ENVIRONMENT	Arnab Hazra, Debashis De	Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex, India Maulana Abul Kalam Azad University of Technology, West Bengal, Nadia, WB, India
EFFECTIVE TECHNOLOGIES FOR DEVELOPING PEDAGOGICAL ETHICS IN FUTURE PRIMARY SCHOOL TEACHERS	Prof. Kodirova Feruzakhon Usmanovna Prof. Khimmatiev Dustnazar Omonovich Safiyeva Mokhinur Akram qizi	Chirchik State Pedagogical University

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

## Session 1 / Hall-1

24.11.2024

**Moderator: Assist. Prof. Dr. Elif Reyhan DURAK**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
EFFECT OF GENDER AND AGE FACTORS ON TOOTH DECAY	Elif Reyhan DURAK	Nevşehir Hacı Bektaş Veli University, Türkiye
INNOVATIVE PROTEIN SOURCES FOR A SUSTAINABLE FUTURE	Hüsna Yılmaz Tekin Ali Emrah Bıyıklı	Alanya Alaaddin Keykubat University, Türkiye
EFFECT OF CRANBERRY CONSUMPTION ON HELICOBACTER PYLORI	Gizem YILMAZ Ezgi TOPTAŞ BIYIKLI	Alanya Alaaddin Keykubat University, Türkiye
THE ROLE OF PROBIOTICS IN THE RELATIONSHIP BETWEEN BARIATRIC SURGERY AND GUT MICROBIOTA	Dilara BADEMCİ Ezgi TOPTAŞ BIYIKLI	Alanya Alaaddin Keykubat University, Türkiye
PATIENT SAFETY IN THE CONTEXT OF "SAFE 112 EMERGENCY HEALTH SERVICE"	Saide ALTINTAŞ Emine SEVİNÇ POSTACI	Ministry of Health, Türkiye Çanakkele Onsekiz Mart University, Türkiye
RELATIONSHIP BETWEEN SATISFACTION WITH LOWER EXTREMITY ORTHOSIS USE, QUALITY OF LIFE AND DISABILITY LEVEL IN STROKE PATIENTS: A PRELIMINARY STUDY	Hilal AYDIN Seda AYAZ TAŞ	Kutahya Health Sciences University, Türkiye Bolu Abant İzzet Baysal University, Türkiye
THE EFFECT OF NURSING CARE PERFORMED BY OPERATING ROOM NURSES ON JOB SATISFACTION	Tenzile TOSUN Hatice ERDOĞAN	Maltepe University, Türkiye
USE OF EVIDENCE-BASED NURSING MODELS IN NURSING RESEARCH: A SYSTEMATIC REVIEW	Emine ÖZER KÜÇÜK Huriye KIRMIZIGÜL	Health Sciences University, Türkiye Ankara Bilkent City Hospital, Türkiye

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 1 / Hall-2**

**24.11.2024**

**Moderator: Prof. Dr. Yaşar BEDİRHAN**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
DECONSTRUCTING REALITY IN TERMS OF IMAGINATION AND LANGUAGE WITHIN THE FRAMEWORK OF NEO-ROMANTICISM: A COMPARATIVE STUDY OF WALLACE STEVENS AND W.H. AUDEN	Hatice KARA	Selcuk University, Türkiye
IN SELJUK TURKS ACCORDING TO DIVANU LÜGATİ'T-TÜRK FOOD AND DRINK CULTURE	Yaşar BEDİRHAN	Ağrı İbrahim Çeçen University, Türkiye
TURKISH WORLD LITERATURE AND CENGİZ AYTMAOV WITH THE EXPRESSION OF PROF.DR. SADIK TURAL	Ayşe ULUSOY TUNÇEL	Afyon Kocatepe University, Türkiye
ON SEZAI KARAKOÇ'S POEM "HUNTING LITERATURE" AN ECOCRITICAL PERSPECTIVE	Esra AKSÖYEK	Van Yüzüncü Yıl University, Türkiye
FATİH URUNÇ: A BOHEMIAN ARTIST	Zafer KALFA Ebru TANIŞ	Kahramanmaraş Sütçü İmam University, Türkiye
EAST-WEST DIFFERENCE IN BAYKAN SEZER SOCIOLOGY	İbrahim Emre GÜNAY	Yıldız Teknik University, Türkiye

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 1 / Hall-3**

**24.11.2024**

**Moderator: Dr. Alina Amanzholova**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
STATE LAW AND SOCIAL LAW SEPARATION IN TIMASHELF	Z. Gönül BALKIR Gülbahar KESKİN	İstanbul Aydın University, Türkiye Haliç University, Türkiye
THE CONCEPT OF ANOMIE IN MERTON	Z. Gönül BALKIR Gülbahar KESKİN	İstanbul Aydın University, Türkiye Haliç University, Türkiye
THE IMPACT OF DEVELOPMENTS IN THE FIELD OF ARTIFICIAL INTELLIGENCE ON TURKISH PUBLIC ADMINISTRATION	İslam KÖSEOĞLU	Uşak University, Türkiye
THE EFFECT OF THE VISIBILITY OF VIOLENCE INCIDENTS ON SOCIAL MEDIA ON WOMEN'S ISOLATION FROM THE PUBLIC SPHERE (A STUDY ON ŞIRNAK UNIVERSITY STUDENTS)	Kübra ŞANLI Havar CİN	Şırnak University, Türkiye

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## Session 1 / Hall-4

24.11.2024

**Moderator: Dr. Sc. Shkëlqesa Çitaku**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
A CRITICAL EVALUATION OF THE EFFICACY OF ENVIRONMENTAL POLLUTION LAWS IN PAKISTAN	Ayesha Kiran Ghulam Murtiza Amna Yousaf	College University Faisalabad, Faisalabad, Pakistan. University of Agriculture Faisalabad, Faisalabad, Pakistan.
THE CRETE AGREEMENT, THE EFFECTS AND IMPORTANCE OF THE GREEN CARTON INSURANCE	Dr. Sc. Shkëlqesa Çitaku	University of Pristina"Hasan Prishtina", department financial Law, Pristina, Kosovo
APPLICATION OF THE MEDIATION PROCEDURE IN CIVIL DISPUTES	Mr.Sc. Dafina VLAHNA Dr.Sc. Kastriote VLAHNA	University of Pristina "Hasan Prishtina",Kosovo.
EVALUATING THE ROLE OF INTERNATIONAL LAW IN ENHANCING WOMEN'S RESOURCE RIGHTS AND FOOD SECURITY IN DEVELOPING COUNTRIES	Mr. Satish Kumar Singh Mr. Sachin Singh Parihar Mr. Sadanand Patel	Central University of Punjab, India
LAW ENFORCEMENT AGAINST VIOLATION OF RESIDENCE PERMIT (OVERSTAY) BY FOREIGN CITIZENS IN INDONESIA (Case Study of Decision Number 1972 / PIDSUS / 2017 / PN.JKT.BRT)	Inoto saro Cyfrianus Yustus Mambay Aris Rismawan Krisna Wahyu Nugroho Amos Junianto Saiful Arifin	Christian University of Indonesia, Master of Law Study Program, Jakarta, Indonesia
THE ROLE OF INNOVATION IN SUSTAINABLE ECONOMIC DEVELOPMENT IN THE DIGITAL ERA: A CASE STUDY IN TÜRKIYE	Dorley Frenly Gurning Beesokhi Ndruru Priantama Putra Rima Patricia Kevin Mario Kevin Orlando	Universitas Kristen Indonesia, Jakarta, Indonesia
COMPARATIVE STUDY OF FOREIGN INVESTMENT REQUIREMENTS IN INDONESIA AND THE UNITED STATES OF AMERICA	Rudi Sembiring Meliala Laurens Limau Herbert Sitorus Olivia Aurora BR Sitorus Yuliana R Maengkom Raditya A. Sadiqien	Iniversitas Kristen Indonesia, Magister Of Law, Jakarta, Indonesia

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 1 / Hall-5**

**24.11.2024**

**Moderator: G. AKASHKUMAR**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
A CROSS-SECTIONAL STUDY ON THE PREVALENCE AND FACTORS INFLUENCING KNOWLEDGE OF MUSCULOSKELETAL DISORDERS AMONG MEDICAL SERVICES PROVIDERS AND STUDENTS IN KING KHALID UNIVERSITY, ABHA, SAUDI ARABIA	Ms. Safia Irshad Ahmad Ms. Rahaf Hamed Algarni	BMC (Batterjee Medical College)- Aseer Campus, Saudi Arabia.
SYNERGISTIC RESPONSE OF PEG COATED MANGANESE DIOXIDE NANOPARTICLES CONJUGATED WITH DOXORUBICIN FOR BREAST CANCER TREATMENT AND MRI APPLICATION	Muhammad Asif, Rubab Saher, Ayseha Rani, Zaib um Nisa, M. Fakhar-e-Alam	
THE PHARMACIST'S ROLE IN MEDICATION THERAPY COUNSELING	G. AKASHKUMAR	
DETERMINANTS OF HEALTHCARE-ASSOCIATED INFECTIONS IN A UNIVERSITY HOSPITAL IN SFAX, TUNISIA	Zeineb Mallek, Maroua Trigui, Emna Mziou, Fedi Ben Dhaou, Mbarka Massouri, Mahdi Hajlawi, Saida Hbib, Mondher Kassis	Habib Bourguiba University Hospital, Sfax, Tunisia
CHARACTERISTICS OF HEALTHCARE ASSOCIATED INFECTIONS IN A SURGICAL UNIVERSITY HOSPITAL	Zeineb Mallek, Maroua Trigui, Emna Mziou, Fedi Ben Dhaou, Mbarka Massouri, Mahdi Hajlawi, Saida Hbib, Mondher Kassis	Habib Bourguiba University Hospital, Sfax, Tunisia
CURRENT PHARMACOLOGIC STRATEGIES IN ALZHEIMER'S DISEASE: ASSESSING EFFICACY, SAFETY, AND EMERGING THERAPEUTICS	Yashika Baranitharan, Mukesh Vijayarangam Rajesh, T Divya Sree, Karthikeyan Elumalai	Saveetha Institute of Medical and Technical Sciences, Chennai-602105, Tamilnadu, India
STOCHASTIC APPROACH USING STATISTICAL DISTRIBUTION TO EXPECTED LIFETIME OF HYPERTENSION PATIENTS	Kannadasan Karuppaiah, Vinoth Raman, Ezhilvanan Mani	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research, India Imam Abdulrahman Bin Faisal University, Saudi Arabia. Tagore Medical College and Hospital, Rathinamangalam, Tamilnadu, India

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### III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 1 / Hall-6**

**24.11.2024**

**Moderator: Jensy Roshan F**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
CONCEPT OF RATION BALANCING IN MITIGATING ENTERIC METHANE EMISSION IN DAIRY COW	Dona Mary Eldhose, Jasmine Rani K, Sejian V	College of Veterinary and Animal Science, Pookode, Wayanad, Kerala, India Rajiv Gandhi Institute of Veterinary Education and Research, Kurumbapet, Puducherry, India
EFFECT OF FISH FEED ON THE GROWTH AND BODY COMPOSITION OF SILVER CARPS IN BRACKISH WATER	Muhammad Rizwan, Muhammad Mubashir Nazir, Nageen Niazi, Muhammad Saleem, Muhammad Muzammil Nazir	Muhammad Nawaz Sharief University of Agriculture Multan Pakistan Government College University Faisalabad, Pakistan
FORMATION OF STUDENTS' MEMORY THROUGH VIRTUAL LABORATORY MATERIALS	A. Tolep N. Salybekova	International Kazakh-Turkish University named after Khoja Ahmed Yasawi, Turkestan, Kazakhstan
PHYTOPLANKTON DIVERSITY AND WATER QUALITY ASSESSMENT OF YEROOR PANCHAYAT POND, KERALA, INDIA	Jensy Roshan F	University of kerala
ANIMAL SCIENCE	Pratishtha Thakur, Vinod Kumar	Sushant University Gurugram, Haryana India G D Goenka University Gurugram, Haryana, India
INTUSSUSCEPTION IN A NIGERIAN INDIGENOUS DOG: A CASE REPORT AND PROBABLE ASSOCIATED PATHOLOGIC MECHANISMS	Ochuko Orakpoghenor Bisalla Mohammed Muhammed Shuaib Muhammed	College of Veterinary Surgeons Nigeria; Bayero University Kano, Nigeria Ahmadu Bello University Zaria, Faculty of Veterinary Medicine, Department of Veterinary Pathology, Zaria, Nigeria
MARINE POLLUTION AFFECT REPRODUCTION OF BIVALVES IN ANNABA ESTUARIES	LADOUALI Zeyneb, ABDENNOUR Cherif, Loudjeni Farida, Ladaci Hadjer	University Badji Mokhtar- Annaba, Annaba 23000, Algeria

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 1 / Hall-7

24.11.2024

**Moderator: Amli Aboo Bakar**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
ARTIFICIAL INTELLIGENCE: PERCEPTIONS AND USE AMONG LIBRARY INFORMATION PROFESSIONALS	Mahadevan Balasubramaniyan, Kannadasan Karuppaiah	Vellalar College for Women (Autonomous), India Adhiparasakthi Institute of Medical Sciences and Research, Melmaruvathur- 603319. Tamilnadu, India
SUICIDE IN BANGLADESH: CURRENT STATUS, UNDERLYING CAUSES, AND STRATEGIC RECOMMENDATIONS	Mst. Farjana Akter Boby	National University, Bangladesh.
THE PEGAGOGICAL APPROACH AND TEACHER'S ROLE IN ESP TEACHING	PhD Vanina Kanini	Polytechnic University of Tirana
AI-DRIVEN INNOVATIONS IN AVIATION: OPTIMIZING OPERATIONS, ENHANCING SAFETY AND ELEVATING PASSENGER EXPERIENCE	Amli Aboo Bakar	Transport and Telecommunication Institute
EFFECT OF NITROGEN AND PHOSPHORUS ON THE GROWTH AND YIELD OF BARI TOMATO-2 (RATAN)	Tohidur Rahman Dr. Md. Kawser Ali Bhowmik Shimu Md. Saidul Islam	University of Rajshahi, Rajshahi 6205, Bangladesh
PREDICTIVE MODELS FOR WOMEN'S ECONOMIC EMPOWERMENT INITIATIVES	Jefnishya JR Dr. P. Suganthi	R.M.K Engineering College, Kavaraipettai, Tamil Nadu, India.
ANALYSING SCRAP WASTE STREAMS IN ATTINGAL MUNICIPALITY AND CURRENT PRACTICES FOR EFFECTIVE RESOURCE RECOVERY	Rincy A, Dr. Anila George	St. John's College, Anchal, Kollam 691 306, Kerala, India

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 1 / Hall-8**

**24.11.2024**

**Moderator: Dr. Alina Amanzholova**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 10:00 – 12:00**

TITLE	AUTHOR(S)	AFFILIATION
TECHNOLOGICAL DIAGRAM AND MATHEMATICAL MODELING OF THE PRODUCTION OF HUMATE-CONTAINING COMPLEX MINERAL FERTILIZERS	Bekzhan OMAROV Batyrzhan TEMİRKHANOV	South Kazakhstan University named after M. Auezov Ankara Hacı Bayram Veli University, Ankara, Türkiye
ANALYSIS OF ABAY KUNANBAYEV'S WORKS IN THE CONTEXT OF THE IDEOLOGY OF JEDIDISM	Meiirbek SAMBET Batyrzhan TEMİRKHANOV	Marmara University, İstanbul, Türkiye Ankara Hacı Bayram Veli University, Ankara, Türkiye
DEVELOPMENT OF WEBSITE ABOUT TOURIST AND HISTORICAL PLACES IN TURKESTAN REGION	Ramazan Turganbai Kundebai Nurgisa Mohammadi Mohammad Mahdi Alina Amanzholova Aysun Coşkun	Akhmet Yassawi International Kazakh- Turkish University, Kazakhstan Gazi University, Ankara, Türkiye
INNOVATIVE SOLUTIONS IN THE CAR RENTAL INDUSTRY: LEGEND CARS PROJECT	Kasymbekov Almasbek Toktasov Nurdaulet Alina Amanzholova Aysun Coşkun	Akhmet Yassawi International Kazakh- Turkish University, Kazakhstan Gazi University, Ankara, Türkiye
EFFECTS OF SELF-INSTRUCTIONAL MULTIMEDIA PACKAGE ON STUDENTS' ACADEMIC PERFORMANCE IN METALWORK TECHNOLOGY EDUCATION PROGRAMME IN THE 21st CENTURY IN TERTIARY INSTITUTIONS IN RIVERS STATE	AJIE Prince Maduabuchukwu, OJOBAN Lucky	Federal College of Education (Technical) Omoku, Rivers State, Nigeria.
FUNDING STEM HIGHER EDUCATION IN THE 21 CENTURY: ADDRESSING CHALLENGES AND HARNESSING OPPORTUNITIES IN NIGERIA'S EDUCATIONAL LANDSCAPE	Prof. Abubakar Sadiq Bappah	Abubakar Tafawa Balewa University, Bauchi

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 2 / Hall-1

24.11.2024

**Moderator: Assoc. Prof. Dr. Mehmet Zile**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
TÜRKÇE DUYGU ANALİZİNDE VERİ ARTIRMA TEKNİKLERİNİN ETKİSİ: BİR PERFORMANS ANALİZİ	Kadir TOHMA Halil İbrahim OKUR	İskenderun Teknik University, Türkiye
POWER TRANSFORMER CORE DESIGN USING ARTIFICIAL INTELLIGENCE	Mehmet Zile	Gazi University, Türkiye
INTELLIGENT AND ADAPTIVE CONTROL OF POWER TRANSFORMERS	Mehmet Zile	Gazi University, Türkiye
IMPLEMENTATION OF STATISTICAL AND DEEP LEARNING APPROACHES IN ESTIMATING GLOBAL MEAN SEA LEVEL RISE	Sergen TÜMSE Umut ALCANSOY	Çukurova University, Türkiye
DEVELOPMENT OF AN ARTIFICIAL INTELLIGENCE SUPPORTED APPLICATION IN OCCUPATIONAL SAFETY AND HEALTH EDUCATION	Şüheyda Aydın Ceren Çevik Fadime Canlı Çiğdem Kutlu	Sinop University, Türkiye
ITERATIVE APPROACH TO SOLVING A HADAMARD FUNCTIONAL FRACTIONAL DIFFERENTIAL EQUATION	Yıldırım DİNÇ Samet MALDAR	Aksaray University, Türkiye
THE ART OF ARTIFICIAL INTELLIGENCE: ARTISTIC STYLE TRANSFER IN DEEP LEARNING	Engin Güney Hasret Yavuz	Osmaniye Korkut Ata University, Türkiye
THE EFFECT OF RANDOM SUBSET RATIO ON CLASSIFICATION PERFORMANCE IN RANDOM SUBSPACES CLASSIFIER	Mustafa Özgür CİNGİZ	Bursa Technical University, Türkiye
THE EFFECT OF POSTDIGITAL ART ON CULTURAL CHANGES WITHIN THE AXIS OF PERCEPTION OF REALITY	Engin Güney Kadir Alp Eren	Osmaniye Korkut Ata University, Türkiye

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**Session 2 / Hall-2****24.11.2024****Moderator: Assist. Prof. Dr. Aybars MAHMAT****Meeting ID: 813 0348 3436 / Passcode: 222333****Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
COMPLETION OF R&D PROJECTS ON TIME AND WITHIN BUDGET WITH DESIGN PROJECT MANAGEMENT DISCIPLINES	Almila Gökçe DAL	Koluman Otomotiv Endüstri A.Ş. , Mersin, Türkiye
DESIGN OF A PRE-HEATED AUXILIARY FUEL TANK IN MILITARY VEHICLE FUEL SYSTEMS AND ITS FUNCTIONAL IMPACT ON THE SYSTEM	Hüseyin EROL	Koluman Otomotiv Endüstri A.Ş. Mersin, Türkiye
REVOLUTIONIZING HEATING SOLUTIONS FOR MILITARY OPERATIONS IN EXTREME ENVIRONMENTAL CONDITIONS	Mehmet YAVUZ Ali ÜZER	Koluman Otomotiv Endüstri A.Ş., Mersin, Türkiye.
INVESTIGATION OF THE EFFECTS OF DIFFERENT PROCESSING METHODS AND CUTTING PARAMETERS ON SURFACE ROUGHNESS IN DRILLING OF AL7075 T6 ALLOY	Aybars MAHMAT	Munzur University
INVESTIGATION OF THE EFFECT OF DIFFERENT MACHINING METHODS ON THE MACHINABILITY IN MICRO MILLING OF Ti6Al4V ALLOY	Aybars MAHMAT	Munzur University
TRANSMISSION PTO (POWER TRANSMISSION GEAR BOX) OUTPUT INCREASE IN ARMORED MILITARY VEHICLES?	Abdulkadir SARI	Koluman Otomotiv Endüstri A.Ş. Mersin, Türkiye
EFFECT on FRICTION and WEAR of ADDING DIFFERENT AMOUNTS NANO hBN in AUTOMATIC TRANSMISSION FLUID	İbrahim Halil ESKİ Doğan ŞİMŞEK	Milli Savunma University, Türkiye
PROVIDING FALSE INSURANCE AS A PROBLEM IN THE SOCIAL INSURANCE SYSTEM OF TURKEY	Selahattin KOÇYIĞIT	Social Security Inspector, Social Security Provincial Directorate, Muğla
PRODUCTION OF NANOPARTICLE-REINFORCED POLYMER COMPOSITE STRUCTURES VIA STEREO LITHOGRAPHY (SLA) METHOD: EVALUATION OF ITS ADVANTAGES AND DISADVANTAGES	İlkan ÖZKAN Nadiye Merve AYDIN	Adana Alparslan Türkeş Science and Engineering University, Adana, Türkiye

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## Session 2 / Hall-3

**24.11.2024**

**Moderator: Dr. Santoshi Misra**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
MATHEMATICAL MODELING OF INFECTIOUS DISEASE SPREAD USING THE SIR MODEL	Dr. Santoshi Misra	St. Ann's College for Women, Mehdipatnam, Hyderabad, Telangana State
MHD CASSON AND WILLIAMSON NANOFLUIDS FLOW OVER AN EXPONENTIALLY STRETCHING SURFACE	G.V. Ramana Reddy, M. Radha Madhavi	Koneru Lakshmaiah Education Foundation, Guntur, AP, 522502, India
UNIFORM FLOW OF MICRO-POLAR FLUID AROUND A PERMEABLE SPHERE FILLED WITH VISCOUS FLUID	P. Aparna, P.Padmaja, K.Krishna Murthy, P Raja Shekhar	VNR Vignana Jyothi Institute of Engineering and Technology, India P.V.P. Siddhartha Institute of Technology, India
THERMAL FLOW BEHAVIOR OF WATER-BASED HYBRID NANOFLUIDS INCORPORATING MAGNETIC AND NON-MAGNETIC NANOPARTICLES	Misbah Fareed, Dr. Abid Hussanan	University of Education, Lahore, 54000, Pakistan
COUNTING OF RC-LATTICES CONTAINING UP TO FOUR REDUCIBLE ELEMENTS AND HAVING NULLITY UP TO THREE	Aware Balasaheb Parasram Dr. Ashok Nivrutti Bhavale	Modern College of Arts, INDIA
WELL-POSEDNESS AND STABILITY RESULTS OF NONLINEAR WAVE EQUATIONS WITH VARIABLE EXPONENTS IN DAMPING AND	Imene LARIBI Ali KRELIFA Djamel OUCHENANE Salah ZITOUNI	Khemis Miliana University, Algeria Laghouat University, Algeria Souk Ahras University, Algeria
THERMAL FLOW BEHAVIOR OF WATER-BASED HYBRID NANOFLUIDS INCORPORATING MAGNETIC AND NON-MAGNETIC NANOPARTICLES	Misbah Fareed, Dr. Abid Hussanan	University of Education, Lahore, 54000, Pakistan
APPLICATIONS OF NEWTON POLYGONS IN DETERMINING EXTENSIONS OF NON-ARCHIMEDEAN ABSOLUTE VALUES ON VALUED FIELDS	Mohamed Faris	Sidi Mohamed Ben Abdellah University Fez Morocco
MATHEMATICAL MODELING OF HIV/AIDS TRANSMISSION AMONG HIGH-RISK PRISONERS	O. A. Odebiyi, J. K. Oladejo, A. A. Taiwo, E.O Elijah, O.A. Adeboye	Ladoke Akintola University of Technology, Ogbomosho, Nigeria. Federal University of Technology, Minna Niger state
COMPLEX OSCILLATION OF NON-HOMOGENEOUS DIFFERENTIAL EQUATIONS	Fettouch Houari	University of Mostaganem

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## Session 2 / Hall-4

**24.11.2024**

**Moderator: Dr. Samreen Gul Khan**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
DEVELOPMENT AND EVALUATION OF ATORVASTATIN LOADED TRANSETHOSOMAL GEL WITH ENHANCED PERMEABILITY FOR EFFICIENT WOUND HEALING	Sumiya Gul Dr. Fakhar-Ud-Din Zakir Ali	Quaid-i-Azam University Islamabad.
CALCULATION OF THE OPTIMAL GEOMETRIC PARAMETERS OF THE CAM MECHANISM FOR PERIODIC ROTATION OF EQUIPMENT WITH CYCLIC MOVEMENTS, INCLUDING PRINTING EQUIPMENT	Dmytro Hrytsenko	National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", Kyiv, Ukraine
INNOVATIVE RECYCLING METHODS FOR FIBER-REINFORCED COMPOSITES	Nishant K. Singh, Virendar Kumar, Rajesh K. Verma	Harcourt Butler Technical University, India
TIME DELAYED FRACTIONAL DIABETES MELLITUS MODEL AND CONSISTENT NUMERICAL ALGORITHM	Mudassar Rafique	University of Management and Technology Lahore
SYNTHESIS AND CHARACTERIZATION OF BLACK PLUM WOOD NANOFIBERS BY ACID HYDROLYSIS AND ITS PHOTODEGRADATION STUDIES OF METHYLENE BLUE	Prasannakumar J K, Krishnakumar T K, Manjunath N S, Shivakumaraswamy G M	Visvesvaraya Technological University, Belagavi
NANO FORMULATIONS FOR CARDIOVASCULAR DISEASE MANAGEMENT: INVESTIGATING CONTROLLED RELEASE AND SITE-SPECIFIC TARGETING	Aswini R, Veronica E, Saranya B, Karthikeyan E.	Saveetha Institute of Medical and Technical Sciences, Chennai-602105, Tamilnadu, India.
NEW DIRECT POWER CONTROL (DPC) APPLIED TO A THREE-PHASE PWM RECTIFIER	Riyadh ROUABHI, Salim DJERIOU, Nouredine CHAMI, Abdelghafour HERIZI, Abderrahim ZEMMIT, Eloualid ZOUGGAR	Mohamed Boudiaf University of M'sila (28000), Algeria University of formation continue dely brahim, Algeria
MICROWAVE ASSISTED SYNTHESIS AND DFT STUDIES OF 1,2,4-TRIAZOLES BASED DERIVATIVES AS ANTI-CANCER AGENT	Dr. Samreen Gul Khan, Ayesha Saddiqa, Rahila Yasmeen and Haiqa Akmal	Government College University Faisalabad Pakistan
PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL ACTIVITY OF AQUEOUS ROOTS EXTRACT OF GUIERA SENEGALENSIS	Ahmed Attahiru, Bashar Attahiru, Aminu H. Muhammad	Kebbi State University of Science and Technology, Aliero, Nigeria
COMPARATIVE ANTIFUNGAL ACTIVITY OF METHANOL LEAVES EXTRACT OF KHAYA SENEGALENSIS	Ahmed Attahiru	Kebbi State University of Science and Technology, Nigeria

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### III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 2 / Hall-5

24.11.2024

**Moderator: Dr. Samreen Gul Khan**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
SIGNIFICANT DEGRADATION OF METHYLENE BLUE ACHIEVED USING A NOVEL MODIFIED TiO <sub>2</sub> -BASED PHOTOCATALYST	Mohamed CHOKRI, Ilyas JALAFI, Omar AZOUGAGH, Amine BENDAHOU, Youssef EL Ouardi, Mohamed ABOU-SALAMA, Soufian EL BARKANY	University Mohammed Premier, Morocco Lappeenranta-Lahti University of Technology LUT, Finland
EXPLORATION OF THERMOPHORETIC AND THERMAL BROWNIAN DIFFUSION FOR REACTIVE WILLIAMSON HYBRID NANOFUID WITH CONVECTIVE COOLING CYLINDER	Ephesus O. Fatunmbi, Stephen O. Are	Federal Polytechnic, Ilaro, Nigeria.
UTILIZATION OF HEALTH SERVICES BY RURAL WOMEN IN DISTRICT MANSEHRA: CHALLENGES, ACCESSIBILITY, AND IMPACT ON MATERNAL HEALTH	Saba SHAUKAT Bilal BAHADAR Abdul JALIL	Üniversity of Agriculture Peshawar, Pakistan. Üniversity of Peshawar, Pakistan
RESEARCH OF THE STRENGTH OF HEAVY CONCRETE	Bektosh Botirov Berdiyev Oblokul Bobokulovich	Tashkent University of Architecture and Construction Jizzakh Polytechnic Institute
SYNTHESIS OF N-ARYLATED CARBAZOLE DERIVATIVES AND THEIR APPLICATIONS	Sobia Mukhtar, Prof. Dr. Matloob Ahmad, Sana Aslam	Government College University, Faisalabad, Pakistan.
SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL ACTIVITY OF NOVEL TRANSITION METAL (II) COMPLEXES FROM MIXED-HETEROCYCLIC LIGAND SYSTEM	Vjollca Berisha, Sevdije Govori	University of Pristina, Kosovo
POLYMERIC MEMBRANES FOR DESALINATION USING MEMBRANE DISTILLATION: A REVIEW	Zineb Ait Fares, Miloudi Hlaibi, Nouredine Kamil, Rachid Ouchn	Hassan II University of Casablanca Higher School of Technology Casablanca ESTC
COMPUTATIONAL CHEMISTRY FOR THE DESIGN AND OPTIMIZATION OF HETEROGENEOUS CATALYSTS	MOUSSADIK Ali	Mohammed V University in Rabat, Faculty of Sciences of Rabat, Morocco.

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## Session 2 / Hall-6

24.11.2024

**Moderator: Alejandro Ruiz Sánchez**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
ANALYSIS OF ENERGY GENERATION PERFORMANCE IN GRAVITATIONAL VORTEX TURBINES WITH DIFFERENT TANK DESIGNS	Alejandro Ruiz Sánchez, Adrian Martinez Perez, Jorge Andrés Sierra Del Rio	Instituto Tecnológico Metropolitano, Medellín, Colombia Pascual Bravo University Institution. Medellín, Antioquia, Colombia
EVALUATION OF WATER VELOCITY AND COMPARISON OF THEORETICAL MODELS IN THE GRAVITATIONAL VORTEX TURBINE USING COMPUTATIONAL FLUID DYNAMICS	Alejandro Ruiz Sánchez, Adrian Martinez Perez, Jorge Andrés Sierra Del Rio	Instituto Tecnológico Metropolitano, Medellín, Colombia Pascual Bravo University Institution. Medellín, Antioquia, Colombia
NANOMATERIALS CONTAINING RARE EARTH IONS AND APPLICATIONS	Tran Kim Anh, Le Quoc Minh	Vietnam Academy of Science and Technology, Vietnam
OPTIMIZATION AREAS IN SOLAR PHOTOVOLTAICS	Muhammad Mateen Afzal Awan	
EVALUATING WOODY SPECIES COMPOSITION AND REGENERATION IN CONTROLLED AND FREE GRAZING SYSTEMS FOR SCALING UP AGROFORESTRY IN THE HIGHLANDS OF NORTHERN ETHIOPIA	Gebremariam Yaebiyu, Emiru Birhane, Tewodros Tadesse, Solomon Kiros, Kiros Meles Hadgu	Mekelle University, Mekelle, Ethiopia; Science and Technology, Addis Ababa University, Addis Ababa, Ethiopia; World Agroforestry Center (ICRAF), Ethiopia
CURRENT SENSORS FAULTS DETECTION AND ISOLATION OF DFIG FOR WIND TURBINE BASED ON GENERALIZED OBSERVER SCHEME (GOS)	Chaima Gherari, Farid Berrezek, Khaled Khelil	
THERMAL PYROLYSIS OF HDPE IN A NOVEL FIXED BED REACTOR SYSTEM FOR THE PRODUCTION OF HIGH-VALUE GASOLINE RANGE HYDROCARBONS (HC) AND CARBON NANOTUBES (CNTS)	Bilal Shoukat, Muhammad Yasin Naz, Shazia Shukrullah, Hammad Hussain, Muhammad Shoaib	University of Agriculture Faisalabad, Pakistan University of Science and Technology Beijing, Beijing, China
MEDICAL PHYSICS – A PANACEA TO OVER INCREASING HEALTH CHALLENGES IN OUR MODERN DAY SOCIETY	Ndako Mohammed Dr. Dada O. Michael Prof. Awojoyogbe O. Bamidele	The Federal Polytechnic P.M.B 55 Bida Niger State, Nigeria

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### III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 2 / Hall-7**

**24.11.2024**

**Moderator: Fahim Yar Baig**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
REVIVING TURKISH ARCHITECTURAL HERITAGE: A MACHINE LEARNING APPROACH TO SHAPE RECOGNITION USING SHAPE GRAMMAR AND MACHINE LEARNING MODELS, A CASE STUDY OF SUAKIN INLAND PORT-SUDAN	AbdulRaheem Bolaji Olakanbi, Osama Rayis	University of Abuja, FCT, Abuja. Africa City of Technology, Khartoum Sudan
STUDENT NURSES' ATTITUDES TOWARD ENGLISH LANGUAGE AS A MANDATORY COURSE IN OGUN STATE (NIGERIA) NURSING INSTITUTIONS	Adesanmi Moses Ademola	Department of General Studies, Federal Polytechnic, Ilaro, Ogun State, Nigeria
THE EVOLUTION AND IMPACT OF ISLAMIC ARCHITECTURE IN CONTEMPORARY SOCIETY	Fahim Yar Baig	Y.B Engineering and Services, Hunza, Gilgit, Pakistan.
MODERN METHODS OF WORLD EXPERIENCE IN MOUNTAINOUS AND MOUNTAINOUS AREAS	PhD. Yusupova Aziza Ismailovna	Samarkand State University of Architecture and Construction named after Mirzo Ulugbek, Uzbekistan
PRESERVING THE HISTORICAL BUILDING INFLUENCED BY WISDOM	Samira Mehrafza, Fahim Yar Baig	Ahlul Bayt International university Tehran, Iran.
REPURPOSED EFFECTS OF MINOCYCLINE ON MEMORY RESTORATION AND COGNITIVE ENHANCEMENT: A DOSE-DEPENDENT STUDY	Huma Ikram, Mahwish Iftikhar, Darakhshan J. Haleem	University of Karachi, Karachi-75270, Pakistan
CAUSES OF GAP BETWEEN ONSET AGE AND DIAGNOSIS AGE IN EPILEPSY PATIENTS OF PAKISTANI POPULATION	Sumaira Kanwal, Shazia Perveen, Dr Shahzad Tahir Chaudhry	COMSATS University, Islamabad, Sahiwal Campus, Pakistan The Women University Multan, Matital Campus Pakistan Subh-e-Nao Hospital, Sahiwal, Pakistan

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**Session 2 / Hall-8****24.11.2024****Moderator: Abdulkadir SARI****Meeting ID: 813 0348 3436 / Passcode: 222333****Ankara Local Time: 12:30 – 14:30**

TITLE	AUTHOR(S)	AFFILIATION
THE ROLE AND IMPORTANCE OF NATO COIDFICATION SYSTEM IN THE DEFENSE INDUSTRY SECTOR	Burak KEPME	Koluman Otomotiv Endüstri A. Ş., Mersin, Türkiye.
THE ECONOMICS OF DEFENSE: THE STRATEGIC IMPORTANCE OF LIFE-CYCLE COST ANALYSIS IN THE DEFENSE INDUSTRY	Burak KEPME	Koluman Otomotiv Endüstri A. Ş., Mersin, Türkiye.
TERRAIN AND LOAD ADAPTIVE CENTRAL TIRE INFLATION SYSTEM FOR MILITARY VEHICLE APPLICATIONS	Muhammet Emin KISA Mehmet YAVUZ Hakan CİHANGİR	Koluman Otomotiv Endüstri A. Ş., Mersin, Türkiye
POSITIONING AND FUNCTIONAL USE OF NAVIGATION DEVICES IN ARMORED LAND MILITARY VEHICLE CONFIGURATIONS	Mehmet Emre SEVENOL	Koluman Otomotiv Endüstri A.Ş. Mersin, Türkiye
ADAPTIVE AUTOMATIC GREASING SYSTEMS FOR MILITARY VEHICLES IN HARSH ENVIRONMENTS	Mehmet YAVUZ	Koluman Otomotiv Endüstri A. Ş., Mersin, Türkiye
TRANSMISSION PTO (POWER TRANSMISSION GEAR BOX) OUTPUT INCREASE IN ARMORED MILITARY VEHICLES?	Abdulkadir SARI	Koluman Otomotiv Endüstri A.Ş. Mersin, Türkiye
GÜMÜŞYAZI (NEVŞEHİR) KÖMÜRLERİNİN JEOKİMYASAL ÖZELLİKLERİ İLE İLGİLİ İLK BULGULAR	Mehmet Çağay Yumutgan Leyla Kalender Hatice Kara	Fırat University, Türkiye
HO-MOF-METAL-ORGANIC-FRAMEWORK-BASED TRIBOELECTRIC NANOGENERATOR FOR SELF-POWERED DEVICES	Erdal Kurt Burak Çoban Ahmet Aykaç Gül Yakalı	Izmir Katip Celebi University, Türkiye Balıkesir University, Türkiye

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 3 / Hall-1

24.11.2024

**Moderator: Assoc. Prof. Dr. Zeynep Yeşim İLERİSOY**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
BUILDING MATERIALS AND LIGHTING IN UNIVERSITY LIBRARIES: A SUSTAINABILITY-FOCUSED EVALUATION	Mehmet Can ÖZTÜRK Tunç Aslan TÜLÜCÜ	Osmaniye Korkut Ata University, Türkiye Çukurova University, Türkiye
THE FORMAL EVOLUTION OF ANATOLIAN SELJUK MINARETS: USE OF BRICK IN THE 12TH AND 13TH CENTURIES	Zeynep Yeşim İLERİSOY Serap EŞER	Gazi University, Türkiye
EVALUATION OF EARTHQUAKE RESISTANCE IN ARCHITECTURAL MODIFICATIONS APPROVED UNDER THE ZONING AMNESTY	Zeynep Yeşim İLERİSOY Ayşegül KÖK KARAHALİLOĞLU	Gazi University, Türkiye
INVESTIGATION OF THE LIQUEFACTION MECHANISM AND DYNAMIC DEFORMATIONS IN HOMOGENEOUS EMBANKMENT DAMS CONSTRUCTED ON LIQUEFIABLE SOILS UNDER EARTHQUAKE EFFECTS	Burak SELEK Nihat Sinan IŞIK	Gazi University, Türkiye
STATIC ANALYSIS OF VARIABLE CROSS-SECTION BEAMS RESTING ON WINKLER TYPE ELASTIC FOUNDATION	Timuçin Alp ASLAN Ahmad Reshad NOORI Asena Pınar ÖZER Beytullah TEMEL	Çukurova University, Türkiye İstanbul Gelişim University, Türkiye Yıldız Teknik University, Türkiye
FREE VIBRATION ANALYSIS OF VARIABLE CROSS-SECTION BEAMS RESTING ON WINKLER TYPE ELASTIC FOUNDATION	Timuçin Alp ASLAN Ahmad Reshad NOORI Asena Pınar ÖZER Beytullah TEMEL	Çukurova University, Türkiye İstanbul Gelişim University, Türkiye Yıldız Teknik University, Türkiye

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

## Session 3 / Hall-2

24.11.2024

**Moderator: Assoc. Prof. Dr. Osman ÖRNEK**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
STRUCTURAL, ELECTRONIC, ELASTIC, AND THERMODYNAMIC PROPERTIES OF CsYO <sub>3</sub> PEROVSKITE: A DFT STUDY FOR SPINTRONIC APPLICATIONS	Ahmet İYİĞÖR Selgin AL Mustafa ÖZDURAN Osman ÖRNEK	Kırşehir Ahi Evran University, Türkiye İzmir Demokrasi University, Türkiye
DFT STUDY OF THE STRUCTURAL, ELECTRONIC, AND MAGNETIC PROPERTIES OF THE CUBIC Fd-3m Phase of RbVO <sub>2</sub> : A POTENTIAL CANDIDATE FOR SPINTRONIC APPLICATIONS	Ahmet İYİĞÖR Selgin AL Mustafa ÖZDURAN Osman ÖRNEK	Kırşehir Ahi Evran University, Türkiye İzmir Demokrasi University, Türkiye
THEORETICAL INVESTIGATION OF PHYSICAL PROPERTIES OF KScO <sub>3</sub> PEROVSKITE ALLOY	Mustafa ÖZDURAN Nihat ARIKAN Osman ÖRNEK	Kırşehir Ahi Evran University, Türkiye Osmaniye Korkut Ata University, Türkiye
STRUCTURAL, ELECTRONIC, ELASTIC AND THERMODYNAMIC PROPERTIES OF CsScO <sub>2</sub>	Mustafa ÖZDURAN Nihat ARIKAN Selgin AL	Kırşehir Ahi Evran University, Türkiye Osmaniye Korkut Ata University, Türkiye İzmir Demokrasi University, Türkiye
INVESTIGATION OF STRUCTURAL, ELECTRONIC, MECHANICAL AND THERMODYNAMIC PROPERTIES OF RbCrO <sub>3</sub> PEROVSKITE MATERIAL	Osman ÖRNEK Selgin AL Ahmet İYİĞÖR Mustafa ÖZDURAN	Kırşehir Ahi Evran University, Türkiye İzmir Demokrasi University, Türkiye
INVESTIGATION OF PHYSICAL PROPERTIES OF KZr <sub>3</sub> N ANTI-PEROVSKITE MATERIAL BY DFT	Osman ÖRNEK Selgin AL Ahmet İYİĞÖR Mustafa ÖZDURAN	Kırşehir Ahi Evran University, Türkiye İzmir Demokrasi University, Türkiye
A THEORETICAL STUDY OF THE STRUCTURAL, ELASTIC, THERMODYNAMIC AND ELECTRONIC PROPERTIES OF BeFeCd SEMI-HEUSLER ALLOY	Erol ALBAYRAK	Ahi Evran University, Türkiye
A THEORETICAL STUDY OF THE STRUCTURAL, ELASTIC, THERMODYNAMIC AND ELECTRONIC PROPERTIES OF INVERTED HEUSLER Li <sub>2</sub> MnGe ALLOY HAVING XA STRUCTURE	Erol ALBAYRAK	Ahi Evran University, Türkiye
STRUCTURAL, ELASTIC, ELECTRONIC AND THERMODYNAMIC PROPERTIES OF CdTi <sub>3</sub> COMPOUND: AB-INITIO STUDY	Selgin AL Osman ÖRNEK Mustafa ÖZDURAN Ahmet İYİĞÖR	İzmir Demokrasi University, Türkiye
STRUCTURAL, ELASTIC, ELECTRONIC AND THERMODYNAMIC PROPERTIES OF HfCdO <sub>3</sub> ; A DENSITY FUNCTIONAL THEORY COMPUTATION	Selgin AL Osman ÖRNEK Mustafa ÖZDURAN Ahmet İYİĞÖR	İzmir Demokrasi University, Türkiye

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## Session 3 / Hall-3

24.11.2024

**Moderator: Assist. Prof. Dr. Murat Bayraktar**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
IBN KHALDUN'S ASABIYYA AND SOCIAL CAPITAL: A COMPARATIVE ANALYSIS	Murat Bayraktar	Istanbul Esenyurt University
ANALYZING THE PATTERN OF THE GLOBAL FINANCIAL CRISIS OF 2007-2008 AND ITS SEVERE IMPLICATIONS FOR ECONOMIC DEVELOPMENT: CAUSES AND CONSEQUENCES	Ramona Birau Virgil Popescu	University of Craiova, Romania
EXAMINING THE EFFECTS OF EXPLOITATIVE LEADERSHIP ON EMPLOYEE PERFORMANCE A STUDY IN AFGHANISTAN	Ahmad Reshad RAOFI	Ankara Yildirim Beyazit University, Ankara, Turkiye
ECONOMIC ANALYSIS OF LEAFY VEGETABLE MARKETING IN OYO STATE	Taiwo, A.M, Awolola, A.A., Adejumo, D.R., Omotoso, A.B	Oyo State College of Agriculture and Technology, Igboora.
DA LAT THROUGH THE EYES OF DOMESTIC TOURISTS - UNDERSTANDING DESTINATION IMAGE AND TRAVEL EXPERIENCES	My-Kim Thi LE Que-Nhu DUONG Nam-Khang Tri NGUYEN	Can Tho University, Vietnam.
FINTECH AND FINANCIAL INCLUSION: THE INFLUENCE OF TRUST, SECURITY, AND DIGITAL LITERACY IN EMERGING MARKETS	Amritha.L.J	SRM University, Delhi-NCR, Sonipat, Haryana, India
DESIGN AND DEVELOPMENT OF NOVEL APPROACH FOR FILE SHARING FOR SECURITY USING BLOCKCHAIN TECHNOLOGY: LITERATURE REVIEW	Deepak Bansal	Indian Institute of Finance, Greater Noida, India
EFFECTIVENESS OF NON-GOVERNMENTAL ORGANIZATIONS (NGOs) ON THE NIGERIAN ECONOMY: A FOCUS ON ITS COMPONENTS OF; POVERTY REDUCTION, SOCIAL PROTECTION, GENDER EQUALITY AND INCOME GENERATION	Hammayo Abubakar Abdulkadir Ahmed Hammayo Sulaiman Tolba Magaji	Federal University of Kashere (FUK), Gombe State, Nigeria. Federal University Wukari, Taraba State, Nigeria

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## Session 3 / Hall-4

24.11.2024

**Moderator: Dr. Khanh Giang Le**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
THE SIGNIFICANCE OF SOCIAL RESPONSIBILITY WITHIN NEWLY EMERGED SOCIAL NETWORKS VIEWED THROUGH TRAFFIC SAFETY	Tamara Dragić	Megatrend University, Serbia
THE INFLUENCE OF SOCIAL NETWORKS DIRECTED TO THE PROMOTION OF TRAFFIC SAFETY IN TRANSITION ECONOMICS	Tamara Dragić	Megatrend University, Serbia
THE INFLUENCE OF SIGNIFICANT SUBJECTS ON THE ISSUE OF DIGITALIZATION AND THE INTRODUCTION OF DIGITAL PLATFORMS IN THEIR BUSINESS	Zimonjić Marijana	Megatrend University, Serbia
USE OF DIGITAL PLATFORM IN THE BUSINESS OF HETEROGENEOUS LEGAL ENTITIES BEFORE ALL BIG COMPANIES	Zimonjić Marijana	Megatrend University, Serbia
DEVELOPING AN INTEGRATED BIM AND GIS MODEL TO SUPPORT THE IMPLEMENTATION OF INFRASTRUCTURE PROJECTS	Dr. Khanh Giang Le	University of Transport and Communications, Hanoi, Vietnam
EMPOWERING AFGHAN WOMEN THROUGH ECONOMIC PARTICIPATION	Zahra Sahil, Anisa Faizi	Ahlabayt international University, Iran
DETERMINANTS OF CUSTOMER ADOPTION OF DIGITAL BANKING SERVICES: SYSTEMATIC LITERATURE REVIEW	Mesud Mohammed, Ebrahim Ahmed, Professor Dr. Gurudutta P. Japee	Gujarat University
EMPOWERING YOUNG WOMEN FOR SUSTAINABLE DEVELOPMENT: OVERCOMING EDUCATIONAL AND ECONOMIC BARRIERS IN RURAL PAKISTAN	Abdul JALIL Saba SHAUKAT Bilal BAHADAR	Üniversity of Peshawar, Pakistan Üniversity of Agriculture Peshawar, Pakistan
EMPLOYEE ENGAGEMENT AND PRODUCTIVITY ANALYTICS IN A HYBRID WORK ENVIRONMENT	Dr. Praveen Kakada Mohammed Anas	Vellore Institute of Technology, Chennai, Tamil Nadu, India

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# III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 3 / Hall-5**

**24.11.2024**

**Moderator: Dr. Daniel Marcel**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
INNOVATION AND PERFORMANCE IN THE PUBLIC SECTOR	Mohamed KARIM Jamal JAFRAN Karim GASSEMI Salah-eddine KARIM	HASSAN II University of Casablanca, Morocco
MEDIATING EFFECT OF ORGANIZATIONAL COMMITMENT IN THE RELATIONSHIP BETWEEN JOB SATISFACTION AND EMPLOYEE PERFORMANCE IN MUBI SOUTH, ADAMAWA STATE	Dr. Daniel Marcel Francis Michael Patience Victor Nuhu	Mudiame University, Irrau, Edo State, Nigeria
EVOLVING STANDARDS FROM IFRS 4 TO IFRS 17 IN ALGERIAN INSURANCE - IMPLICATIONS FOR DISCLOSURE AND GOVERNANCE	DAHMANI Yacine Mohamed AMEUR Imane	Mouloud Mammery University, LAREMO Laboratory, Tizi Ouzou, Algeria
MODERATING ENTREPRENEURIAL EDUCATION IN THE RELATIONSHIP BETWEEN ENTREPRENEURIAL MINDSET AND CREATION OF BUSINESS AMONG UNIVERSITY GRADUATE IN ADAMAWA STATE	Dr. Daniel Marcel Joseph Tumba	Mudiame University, Irrau, Edo State, Nigeria Modibbo Adama University yola, Adamawa State, Nigeria
THE GENEVA CONVENTION IN THE FIRST INITIATIVE FOR THE GRYN KART INSURANCE AGREEMENT	Dr. Sc. Ibrahim MALA	University of Gove Delqev Stip, North Macedonia
INTEREST RATE AND EXCHANGE RATE IN NIGERIA	Abdula-Azeez Toyeeb, Dr. James Obilikwu	Ibrahim Badamasi Babangida University Lapai
USING SIMULATION TO FOSTER COMMUNICATIVE AND E-MARKETING SKILLS WITH MARKETING STUDENTS OF LYCÉE TECHNIQUE ET PROFESSIONNEL OF PORTO-NOVO	Dr. Morel Marly MENSAH Dr. Désiré Christel ZINSOUVI Dr. Viviane A. HOUNHANOU Mrs Euphrasie ALOKPO	English Linguistics and Didactics, UAC/ FLASH-Adjarra
ISOLATION, CHARACTERIZATION AND IDENTIFICATION OF FUNGI ASSOCIATED WITH THE SPOILAGE OF CORN FROM SELECTED MARKETS IN MAKURDI, BENUE STATE	Babatunde Taofeek Olayinka, Dr. Agada E, Taofeek Babatunde Olayinka	Joseph Sarwuan Tarka University, Makurdi, Benue State, Nigeria

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### III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE

November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

**Session 3 / Hall-6**

**24.11.2024**

**Moderator: Prof. Abubakar Sadiq Bappah**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
HOW PRODUCT AND SERVICE QUALITY SHAPE BANK REPUTATION	Dr. Ishwar Mittal Dr. Aarti Dr. Rosy Dhall Mikul	Gandhinagar University, Gujarat
THE IMPACT OF SOCIO-ECONOMIC FACTORS ON THE DESIGN OF TOURISM COMPLEXES (A CASE STUDY OF THE NAVOI REGION)	Sharipova Yulduzxon Olim qizi	Samarkand state university of architecture and construction
IMPACT OF COGNITIVE BIASES ON INVESTMENT DECISION-MAKING: A STUDY OF RETAIL INVESTORS OF INDIAN STOCK MARKET	Ishrat Bashir Dr. Sushil Kumar Mehta	Shri Mata Vaishno Devi university, Katra (Jammu and Kashmir)-182320, India
SCIENCE OF RELIGION AND RELIGIOUS EDUCATION	Nurbopanova.G.E	L. N. Gumilyov Eurasian National University (ENU), Astana. Kazakhstan
IMPACT OF MERGERS ON THE COST EFFICIENCY OF INDIAN COMMERCIAL BANKS	Mukesh Shukla Vaibhav Joshi	University of Lucknow
DIGITAL TRANSFORMATION IN SCIENTIFIC RESEARCH: OPPORTUNITIES AND CHALLENGES	Dhivya C, R Arunkumar	Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, India
POSTGRADUATE STUDENTS' PERSPECTIVE ON CURRICULUM INNOVATION IN PHYSICS FOR SUSTAINABLE DEVELOPMENT	Anwo Abdulmalik Olayinka	Federal College of Education (Technical), Bichi, Kano State, Nigeria
THE IMPORTANCE AND CHALLENGES OF AI TECHNOLOGY IN DISTANCE EDUCATION	Dr. Deng Zhaozhen	Azerbaijan State Pedagogical University

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November 22-24, 2024 / Osmaniye, Türkiye  
CONFERENCE PROGRAM

Session 3 / Hall-7

24.11.2024

**Moderator: Associate Professor Dr. Rozina Khattak**

**Meeting ID: 813 0348 3436 / Passcode: 222333**

**Ankara Local Time: 15:00 – 17:00**

TITLE	AUTHOR(S)	AFFILIATION
INVISIBLE THREATS: INVESTIGATING THE CAUSES AND CONSEQUENCES OF PM 2.5 AIR POLLTION ACROSS SOUTH KAZAKHSTAN	Omirzak Aruzhan	Bilim Innation Lyceum, Turkestan, Kazakhstan
THE ANTICANCER ACTIVITY TEST OF SOME DIBUTYLTIN(IV) CARBOXYLATES AGAINST HELA CANCER CELL LINE	Sutopo Hadi, Noviany Noviany and Yandri Yandri	University of Lampung, Bandar Lampung, Indonesia
ETHNOPHARMACOLOGICAL AND PHYTOCHEMICAL REVIEW ON AN ANTILEPROTIC DRUG HYDNOCARPUS	M.Monica, D.Anushya, Khushi Singh, Dr.R.Saravanan, Dr.R.Srinivasan	Bharath Institute of Higher Education and Research, Chennai, India.
ROLE OF TERNARY SOLVENT MEDIA IN THE KINETICS OF DYE-ELECTROLYTE REACTION	Associate Professor Dr. Rozina Khattak	Shaheed Benazir Bhutto Women University, Pakistan
FERRICYPHEN AS A POTENTIAL AND EFFECTIVE SENSITIZER FOR AQUEOUS DYE-SENSIZED SOLAR CELL	Associate Professor Dr. Rozina Khattak	Shaheed Benazir Bhutto Women University, Pakistan
APPLICATION OF 2-METHYLPROPAN-2-OL AS A CATALYST IN AQUEOUS DYE-SENSITIZED SOLAR CELLS	Associate Professor Dr. Rozina Khattak	Shaheed Benazir Bhutto Women University, Pakistan
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INNOVATIONS IN THE SYNTHESIS OF BENZIMIDAZOLE DERIVATIVES VIA PHOSPAHTE NANOCATALYSTS	Hamiani Zohra Berrichi Amina Bachir Redouane	University of Tlemcen, Algeria University of Ain Temouchent, Algeria

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DELAYED PRESENTATION OF HEMATOMA DUE TO INTERCOSTAL ARTERY BLEEDING FOLLOWING TRAUMA IN A 65-YEAR-OLD FEMALE

*Betül Tiryaki Baştuğ<sup>1</sup>, Selma Aktas<sup>2</sup>*

<sup>3</sup>Fgrctwo gpv'qlTcfkqni {.'Uej qqr'qlh'O gfkelpg.'Dkgekn' g{j 'Gf gdcrk'Wpkxgtuka}. 'Dkgekn'. 'Vwtng{ "

<sup>4</sup>Fgrctwo gpv'qlEj gw'Flugcugu.'Dkgekn'Vtcklpi 'cpf 'Tgugctej 'J qurkc'n'Dkgekn'. 'Vwtng{ "

QTEK: 'K' <j wru<1qtef Qti D222/2223/99; 5/9: : 9"

#### ABSTRACT

Vj ku'ecug"tgr qt v'f kweuugu" c"87/{ gct/qif "hgo cng"y j q" f gxmqr gf "c"uki pklcep v'j go cvqo c"gzvgpf kpi " cr r tqzko cvgn{ "; "eo "etcpkqecwf cmf "y kj kp"vj g'r ngwcn'ur ceg."ugeqpf ct { "vq"kpvgtequcn'ctvgt { "drggf kpi ." hmqy kpi "c"vcwo cvle"klwt {0'Vj g'r cvkpv'f grc { gf "uggnkpi "o gf lecn'cvkpvkqp"ht "vy q"o qpvj u."f wt kpi " y j lej "uj g"o cpci gf "j gt"r ckp"y kj "qxgt/vj g/eqwpvgt"o gf lecvkpu0'Vj g"f grc { gf "r tgugpvckqp"rgf "vq" c" uk c dng"j go cvqo c"y kj qw'cevkg" drggf kpi "qt" eqo r tguukqp"qp" cf lcegpv' ut wewtgu0'Vj g" cdugpeg" qh" t gur kcvqt { "f kwtguu" cpf "pqto cn' r dqt cvqt { "hkp kpi u" kpf lecvgf "eqpugtxcvkg" o cpci go gpv' cpf "emug" hmqy /wr 0'Vj ku'ecug"wpf gtueqtgu'vj g'ko r qt vcepg'qh'ko grf "f kci pquku"cpf "kpvgtxgpvkqp"kp"vcwo cvle"ej guv' kplwt kgu"vq"r t gxpvp'ugxgtg"eqo r rlecvkpu0"

**Keywords:** Kpvtequcn' ctvgt { "drggf kpi ." J go cvqo c." Vtcwo c." Ej guv' kplwt { ." F grc { gf " r tgugpvckqp." Tcfkqni { "

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### INCIDENTAL NON-INFILTRATING THORACIC AND SUPERIOR ABDOMINAL FINDINGS ON CT IMAGES OF PATIENTS WITH COVID-19 PNEUMONIA

*Betül Tiryaki Baştuğ<sup>3</sup>, Mustafa Boz MD<sup>2</sup>, Selma Aktaş<sup>3</sup>*

<sup>1</sup>*Dışgeki' g{j 'Gf gdcrk'Wpkxgtuk' 'O gf kecn'Hcewn' : 'Tcf kqri { 'F gr ctwo gpv'*

<sup>4</sup>*Dışgeki' g{j 'Gf gdcrk'Wpkxgtuk' 'O gf kecn'Hcewn' : 'Go gti gpe{ 'O gf kekpg'F gr ctwo gpv'*

<sup>e</sup>*Dışgeki'Vtcklpi 'cpf 'Tugctej "'J qur kcn' : 'Ej gu'F kugcugu'F gr ctwo gpv'*

#### ABSTRACT

**Background:** C"vj qtcele"cuuguuo gpv'qh"e"Eqxkf/3; "r pgwo qpk"uwur gevgf "r cvkpv"kpqrxgu"eqo r wgf "vqo qi tcr j { "ko ci kpi "qh"vj g"vj qtcele"EV/V+"tgi kqp"vq"fgvto kpg"vj g"r tgugpeg"cpf "uk" g"qh"r pgwo qpk" kpkntcvkqp0'ko ci kpi "o c { "ceekf gpvcn { "tgxgcrl'ktgrgxcpv"hpfi kpi u0'Ukeg"Eqxkf/3; "r pgwo qpk"ku"e"pgy " f ghkpkkp. "kp"vj g"rkgtcwtg. "hgy "uwf kgu"j cxg"dgpp"y qtnrf "hqt"vj ku"ceekf gpvcn { "tgxgcrgf "ktgrgxcpv" hpfi kpi u0'kp"vj ku'uwf { "kp"r cvkpvu. "y g"clo gf "vq"hpfi "vj g"r gtegpvc g"qh"tcpf qo "r cvj qm qgu"qh"vj qtcele" cpf "uwur gkqt"cdf qo kpcn'tgi kqp"vj cv'tg'pqv'tgrvgf "vq"Eqxkf/3; "r pgwo qpk0

**Methods:** F cv"qp 457\*334hgo crg."345o crg+ r cvkpvu"y j q"wpf gty gpv'EV/V"fwtkpi "vj gk"eqxkf"3; " r pgwo qpk"gxncvkvq"dgw ggp"3"Qevqdg"4242/53"F gego dgt"4242"fcvgy"gtg"qdvkpgf "Itqo "qwt"ucvg" j qur kcn'go gti gpe { "egpvt"Eqxkf/3; "r pgwo qpk"tgeqtf u0'Vj g'tgeqtf u'cpf "EV/V"ko ci gu'y gtg"gzco kpgf" tgvqur gevkgf "hqt"gzvc"kpntcvkxg"r cvj qm qgu"cpf "cpqo crkgu0

**Results;** 457'cvkpvuj cf "734'kpekf gpvcn'hpfi kpi u0'Vj gtg'y gtg 337'ekplecm { "iki pkkpvt'cpf qo 'hpfi kpi u0' 4'r qvkvknr tko ct { "cpf "o gvcuc'le"wo qtu'y gtg'hqwpf 0'

**Conclusion;** Eqxkf/3; "r pgwo qpk"EV/V"tgxgcn"tcpf qo "hpfi kpi u0'Hqt "hvt j gt"gxncvkvq. "kpekf gpvcn' hpfi kpi u'uj qwf "dg'kpf kevgf "kp"vj g'f kiej cti g"uwo o ctkgu0

**Keywords:** Eqxkf/3; "r pgwo qpk. 'Eqo r wgf "Vqo qi tcr j { . 'Tcpf qo "Hpfi kpi u"

.....

# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## FOREIGN BODY IMAGING

*Betül Tiryaki Baştuğ<sup>1</sup>, Selma Aktas<sup>2</sup>*

<sup>3</sup>F gr ctwo gpv'qhlTcf kqrqi { . 'Uej qqr'qhl'O gf kelpg. 'Dkgekn' g{j 'Gf gdcrk'Wpkxgt ukf. 'Dkgekn'. 'Vwtngf' "

<sup>4</sup>F gr ctwo gpv'qhl'Ej gw'F kugcugu. 'Dkgekn'Vt cklpi 'cpf' "Tgugctej "J qur kcn'Dkgekn'. 'Vwtngf' "

### ABSTRACT

Tgvcldpgf "hqtgki p"dqf lgu'ctg"cy kf gur tgc f "cpf"qhxp"eqo r ngz"r t gugpvcvqp"kp"vj g"go gti gpe { "tcf kqrqi { " f gr ctwo gpv'qhl'ecp"pqv'dg'f gvgevgf . "vj g{ "ecp"ecwug"vq"klpnc o cvkqp. "f gr { gf "j gcrkpi . "cpf" f co ci g"vq" uwtqwpf kpi "vkuuguo'Qti cple"qdlgevu. "uwej "cu"vj qtpu. "ur kpvgtu. "qt"ur kpgu. "ecp"dg"vj g"uqwtg"qh'kpvgpug" klpnc o cvkqp. "j { r gtugpukxkxk{ "tgcevkqpu. "cpf" gxgp"klpgevkqpu'Uqo gvko gu"vj gug"klpgevkqpu"ctg"xgt { " f wtcdng"cnqwi j "cpvdkvle"vtgco gpv'cpf "o c{ "pggf" uwti kcn'tgo qxcn'qh"vj g"htgki p"dqf { "hqt"gzcev" vtgco gpv'qhl'qhtgki p"dqf lgu'ecp"dg'hqecvgf 'f wt kpi 'r j { ulecn'gzco 0ko ci kpi 'y knldg'guugpvcnlwur gev f " dw'pqv'f gvgevgf "dqf lgu'ko ci kpi "ku'cnq"pgeguuct { "chgt"vj g'tgo qxcn'qh'o wnk ng'hqtgki p"dqf { "r kgegu"qt" y j gp"y qwpf "gzt rqtvcvqp"ku'pqv'r quukdn'ko ci kpi "o qf crkkgu"cxckrdng"ht" f gvgevkpi "hqtgki p"dqf lgu" kpenw'g'r rckp"hnw "tcf kqi ter j u. "eqo r wgf "vqo qi ter j { "EV+. "o ci pgvle"tguqpcpeg"ko ci kpi "OTK. "cpf" wmtcuqwpf 0Gcej "o qf crkx{ "j cu'ku'ut gpi vj u'cpf "y gempguugu"vj cv'f hgt "ceeqt f kpi "vq"vj g'pcwtg"qh"vj g" hqtgki p"dqf { . "cu"y gm'cu"vj g'qdlgevu'hqecvqp'0

**Key-Words;** Hqtgki p"Dqf { . "ko ci kpi . "Go gti gpe { "

### REFERENCES

3/Ne { c"DH" T gwtgr q" T. "Ngg" Gf 0'Rtcevekn' ko ci kpi "Gxcnvcvqp" qh" Hqtgki p" Dqf lgu" kp" Ej kf tgp<" Cp" Wf f cvg0Tcf kqr'Ekp" P qt vj "Co 04239'Lwn77\*6+< 67/: 890

4/Eco r dgm'GC. "Y knldgtv'EF 0'Hqtgki p" Dqf { "ko ci kpi 0'4245" O c { "30'kp<" Ucv'Rgctnu" ] kpvgtpgv\_0'Vtgcwgt" Krcpf "HN<" Ucv'Rgctnu' Rwdrluj kpi =4245' Lcp60RO kF <4; 4843270

5/Qknctkpgp"MU. "P kgo kpgp"VO. "O @n@kpgp"J . "R{j vkgp"LO'Xkukdkkx{ "qh'hqtgki p"dqf lgu'kp"uqhv'kuuwg"kp" r rckp"tcf kqi ter j u. "eqo r wgf "vqo qi ter j { . "o ci pgvle"tguqpcpeg"ko ci kpi . "cpf" wmtcuqwpf 0' Cp" kp" xktq" uwf { 0' kp' L' Qtcn' O czkmlhce" Uwti 0' 3; ; 5" Cr t=44\*4+<33; /460' f qk<" 320238 lu2; 23/7249\*27+; 2: 3: /70' RO kF <: 54266; 0'

6/Kpi tej co "ET. "O cpgpn'N. "Tqdkpuqp"LF. "Nkppew"MH0Tcf kqrqi { "qh'hqtgki p"dqf lgu<" qy "f q'y g'ko ci g" vj go A'Go gti "Tcf kqr'0'4237" Cwi =44\*6+<647/520' f qk<" 320229 lu32362/237/34; 6/; 0'Gr wd"4237" Hgd"60' RO kF <4786; 5820'

7/O ct'p/F'g| "G. "Ncpf gtcu'f rctq"TO. "Nco ci tcpf g'Qdtgi »p' C. "Rgn| "Gugdep"O. "I cmrtf q'Ci tqo c{ qt" G0' Wmtcuqppi ter j { " qh" uwdewcpqgwu" hqtgki p" dqf lgu<" f khtgpegu" f gr gpf kpi " qp" vj gk" pcwtg." eqo r rckvckpu. "cpf" r qvkvcrnf kci pqvle"gttqtu0Tcf kqrqi k" Gpi n'Gf +04242' Lcp/Hgd=84\*3+<5/340Gpi rkuj . " Ur cpluj 0f qk<" 320238 ll0z0423; 0702; 0Gr wd"423; 'Lwn'460RO kF <535738; 9"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### IDEA, INSPIRATION AND ARTISTIC DEPICTION OF MARLIN

Ananda Majumdar

\*2222/2225/5267/2278-#/"QTEK"-Eappgewkpi "Tgugctej "cpf "Tgugctej gt u"  
Cpcpf c "O clwo f ct ~Wpkxgt ukf "qh"Crldgt ve "/"Cecf go kc Qf w"

#### ABSTRACT

Cmj qwi j 'pwo gtqwu'cpf 'f kxtug. 'O gtrkp)'ct vku' r qtvc {cni'j cxg'pqv'dggp'eqo r tgi gpubxgn' 'uetwkp' gf " kp'ct'v'j kxqt { '0'Vj ku'r cr gt "clo u"vq'cf f tgu'v'j ku'i cr "d { "qh'gt'kpi "c" f kxpev'xg'r gtur gev'xg"qp'ugxgt'cn'ng { " s wgu'kqpu<J qy "ecp"uwej "f kxpev'v' "f kxgt'gpv'ct vku' t'gr t'gugp'v'kqpu'cm'dg'cwt'kdwgf "v'v'j g'uco g'pco g." O gtrkp'A'Y j cv'y gtg'v'j g'hcevtu'v'j cv'ngf "v'v'j gk "etgcv'kq'p'A'C'p'f "y j cv'wpls wg"eqpegr w'f'q'v'j g { "go dqf { 'A' Vq'f'q' "uq. "v'j ku'r cr gt "f tcy u'vr qp "kpv'gt'f'kue'k' r'p'ct { "uq'wtegu'v'q"gzco kpg'v'j g'ecv'cn' u'u'dgj kpf "v'j g'etgcv'kq'p' qh'gej "v'f'g'qh'O gtrkp. "h'ewukpi "qp'v'j g'kph'w'g'pegu'qh'j kxqt'k'cn'g'x'g'p'u'cpf "gtcu. "v'j g'rkgt'ct { "f'gr'k'v'k'q'pu' qh'O gtrkp'v'j cv'k'pur'k'gf "v'j g'ct'v'y' q'tm. "cpf "v'j g'q'q'ni' k'cn'k'pv'g't'r'g'v'k'q'pu'qh'O gtrkp'0'U'g'k'k'ecm { . "v'j ku'uwf { " w'k'k' gu'v'y' g'rh'j /egpwt { "y' t'k'k'pi' u. "o' qf' g'tp "et'k'k'ec'n'uwf' k'gu'qh'O gtrkp. "c'p'cn' u'gu'qh'u { o' d'q'r'kuo "k'p'j' k'xqt { . " h'ev'k'q'p' "h'g'c'w't'k'pi "O gtrkp. "cpf "uej' q'r'ct'n { "y' q'tm"qp"v'j g' "C't'v'j' w'k'p' "ngi' g'p'f'0'V'j' g'ug' "uq'wtegu'ct'g" go r' m { gf " cm'pi' u'k'f' g't'gr' t'gugp'v'k'x'g'ct'v'ku' "f'gr'k'v'k'q'pu'qh'O gtrkp' "h'q'o "o' g'f' k'g'x'cn'v'ko' gu'v'q'v'j g'v'y' g'p'v'f' /h'k'uv'egpwt { '0' V'j' g'r' t'ko' ct { "clo "qh'v'j' ku'ct'v'eng'ku'v'q' "g'z'r' n'q't'g' "o' g'f' k'g'x'cn'c'f' x'g'p'w't'g'v'j' t'q'w'i' j "v'j' g'h'g'pu'qh'O gtrkp'cu'q'p'g'qh'v'j' g' ecr'v'k'c'v'k'pi "o' g'f' k'g'x'cn' c'f' x'g'p'w't'g' "p'ct't'c'v'k'x'gu'0' V'j' g' "o' g'y' q'f' q'm'i { " k'p'x'q'k'g'f' "c" s'w'k'k'c'v'k'x'g' "cr' r' t'q'cej "v'q" f'q'ewo' g'p'v'ct { "c'p'cn' { u'ku'0'V'j' g'egp'v'ct'n's' w'gu'k'q'p'c'f'f't'g'u'g'f' "ku'j' q'y "cpf "y' j { "O gtrkp'ku'c't'go' c't'n'ed'ng' "o' g'f' k'g'x'cn' u'q't { "cpf "y' j' cv'o' g'c'p'k'pi' h'w'ng'u'q'pu'ecp'dg'f' i'ng'c'p'g'f' "h'q'o "v'j' g'f' t'g'cv'O gtrkp'0'

Keywords: 'O c't'k'p. 'C'f' x'g'p'w't'g. 'O' g'f' k'g'x'cn'U'q't { "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### BUĞDAY SAP ATIKLARININ ENERJİ POTANSİYEL DEĞERLERİNİN KARŞILAŞTIRMALI TEORİK ANALİZİ: DENİZLİ VE KÜTAHYA ÖRNEĞİ

#### COMPARATIVE THEORETICAL ANALYSIS OF ENERGY POTENTIAL VALUES OF WHEAT STALK WASTE: DENİZLİ AND KÜTAHYA EXAMPLE

Ismail NANELİ\*

Ucnet{c'Crnkf'Ukpegu'Wpkgtuk}. 'Hcewn' 'qhi' tlewnwt g. 'F grctw gpv'qhi'Hgkf 'Etqru.'  
Ucnet{c'Nwtng'0Qtef -2222/2224/8599/7485"

#### ÖZET

Dk{qi c| "gpgtlkuk'cpcgtqdkn'inq wmtf c"demgtk{ gn'dq| wpo c"uqpwepf c"o g{ f cpc"i grgp"o gvcp"i c| ,pf cp" qnw cp"gpgtlk k'OGpf Awtk{ gn' { cp"Ã Ãp"cv,mct., "gxugr'cv,mct. "dngf k{ g"cv,mct, "xg'vct,o ucn'cv,mct"gpgtlk' Ã gwo kpk" j co o cf f gupk' qnw wto cmcf ,t0 " | grkmg" cv,mct,p" mwrp,m cu, "uqpwepf c" gpgtlk' grf g" gf kno guk' vÃo " f Ãp{ cf c" qnwo nw' vgr nkrgt" o g{ f cpc"i gvt o gmfg k'0' Mwt wwo w' i gt+gmg vktkrgp" dk{ qi c| " vukrgtkpg" { gvtik" j co o cf f gupk" uc rpo cu, " uÃf Ã Ãgdkt rkn' c±,u,pf cp" ¾pgo rk' k'0' I gt+gmg vktkrgp" etc vto cf c. "F gpk rk'xg" MÃcj { c"knrtkpf g"dwmpcp"dw f c{ "ucr "cv,mct,p,p"gpgtlk'r qvcpk{ grk"dk{ qi c| . " dk{ qmÃvg"r etco gvtgrt "m{ curcpo , vt0Dgrk vrgp"¾ grkmg" rkgtecvÃ rgtf gnk'hqto Ãngt "krg"j gucr rpo , vt0' F gpk rk'xg" MÃcj { c"knrtkpg'ck'cv,mir qvcpk{ gmgtk "mw'w'o cf f g. "wew'mw'w'o cf f g. "o gvcp'r qvcpk{ gmgtk' xg"gpgtlk'r qvcpk{ gmgtk'u,tcu, { r=5; 2: /8: 8; "vpu."565; /8266"vpu."5622/7; 98"vpu.": 72/36; 6"EJ 6"mi. " 52823/759: 3"O L'qrctem'uc rpo , vt0MÃcj { c"mqnu{ qpw'dw f c{ "ucr "cv,mct, "gpgtlk'r qvcpk{ grk'F gpk rk' rqnuc{ qpwpf cp'f c'hc| r"qrf w w'uc rpo , vt0'

**Anahtar Kelimeler:** "Dw f c{ . 'F gpk rk'Gpgtlk' MÃcj { c. 'O gvcp'r qvcpk{ gmgtk'

#### ABSTRACT

Dkqi cu'gpgti { "ku'yj g'gpgti { "hqto gf "htqo "o gj cpg"i cu'r tqf wegf "cu'c'tguwn'qh'dcevgtkcn'f geqo r qukkqp" wpf gt" cpcgtqdk" eqpf kkpup0' Kf wutkcn' d{/r tqf wev' y cuvg." f qo guke" y cuvg." o wplek cn' y cuvg" cpf " ci tlewnwtcnly cuvg"eqpukwvg'y g'tcy "o cvgtkcn'qh'gpgti { "r tqf wev'q0' Gur gekm{ "y g'gpgti { "qdvckpgf "cu'c' tguwn'qh'y g'wug'qh'y cuvg'etgcvgu'r qukkxg'tgcev'kpu'cn'lxgt" yj g'y qtrf 0Rtqxk' kpi "uw'hekgpvtcy "o cvgtkcn' vq" yj g"dkqi cu'hekkkku" yj cv'ctg" gucdrikuj gf "ku" ko r qt'cpv'kp" vto u"qh' uw'ckp'cdk'k'0' k'p" yj g"tgugctej " eqpf wevgf. "yj g'gpgti { "r qv'pvcn"dkqi cu'cpf "dkqo cu'r etco gvtu"qh'y j gcv'ucmly cuvg"lp" F gpk rk'cpf " MÃcj { c"r tqxlpegu'y gtg"eqo r ctgf 0'Vj g"ur gek'kf "hgcw'tgu'y gtg"ecr'w'w'v'f "y kj "yj g'hqto wru"kp" yj g" rkgtecvw'g0'Vj g'y cuvg'r qv'pvcn."f t{ "o cwgt. "xqr'v'kg" f t{ "o cwgt. "o gj cpg'r qv'pvcn'cpf "gpgti { "r qv'pvcn' qh'F gpk rk'cpf "MÃcj { c"r tqxlpegu'ctg=K'y cu'f gvto kpgf "cu'5; 2: /8: 8; "vpu."565; /8266"vpu."5622/7; 98" vpu.": 72/36; 6"EJ 6"mi. "52823/759: 3"O L0'K'y cu'f gvto kpgf "yj cv'yj g" MÃcj { c"mqcv'kqp"y j gcv'utcy " y cuvg'gpgti { "r qv'pvcn'ku"j ki j gt" yj cp'yj g'F gpk rk'mqcv'kqp0'

**Keywords:** "Y j gcv'F gpk rk'Gpgti { . 'MÃcj { c. 'O gj cpg'r qv'pvcn'

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#### BUĞDAY SAP ATIKLARININ ENERJİ POTANSİYEL DEĞERLERİNİN KARŞILAŞTIRMALI TEORİK ANALİZİ: BURSA VE YALOVA ÖRNEĞİ

#### COMPARATIVE THEORETICAL ANALYSIS OF ENERGY POTENTIAL VALUES OF WHEAT STALK WASTE: BURSA AND YALOVA EXAMPLE

Ismail NANELİ\*

Ucmet{c'Crnkf'Uekpegu'Wpkxgtuk}. 'Hcewn' 'qhi'Ci t'kewnt g. 'F gr ctwo gpv'qhi'Hkgf' 'Et qru.'  
Ucmet{c'Nwtng'}

Qtekf -2222/2224/8599/7485"

#### ÖZET

F Āp{cf c"i grk gp"vnpqrlk'xg"p Āhu"ctv, "hcm/4 rgtk"gpgtlk'vcrdtkp"ctvo cu,pc"pgf gp"qro cmcf ,t0'Hquki' {cmvct,p"±xgtg{g" ctct"xgto guk'xg'dgrk'rt'g| gtxrft g'qnr "vĀngpo guk' {gpkrgpdkrk"gpgtlk'ne {pcmet,p," 3/p"r rnc"±,ncro cmcf ,t0'VĀnk' gdf g"ctvcp"gpgtlk'kj v'k'ce,p,p"met ,rpo cu,"co ce,{r"qti cpln'cv,mctf cp" gpgtlk'Āgvo "±cn o crct,"ner uco n'qrcteni gt±gmg v'kro gmgf k0' | gnkng"dk'qi c| "gpgtlk'grf g'gf kro guk' co ce,{r" mātwno w' i gt±gmg v'k'kegni' nqnu{qprctf c" {vgtrk' j co o cff gpkp" dwnpo cu," vugrntkp" uĀf Ā Āgdktk' k'demo ,pfc p"gn go f k0'Ctc vto cfc."Dwtuc"xg"[ cmxc"knrtk'p'g'dwnp'p"dw f c{"ucr " cv,mct,p,p"gpgtlk'r qvcpuk'grk"dk'qi c| ."dk'qmĀng"r ctco gvtgrt"m{curcpo , vt0' pegrgpgp"r ctco gvtgrt" rkgtecvĀngt'gnk'f g gtrt'k'j gur rpo , vt0'Dwtuc"xg"[ cmxc"knrtk'p'g'ck'cv,nir qvcpuk'gmtk'māt'w'o cff g." wēwew'māt'w'o cff g."o gvp"r qvcpuk'gmtk'xg"gpgtlk'r qvcpuk'gmtk'u,tcu,{r=5229/; 4"vpu."4868/: 3"vpu." 4838/: 2"vpu."876/42"EJ 6"mi ."45764/942"O L"qrcteni'ucr vpo , vt0'Dwtuc"kk'dw f c{"ucr "cv,mct,"gpgtlk' r qvcpuk'grk' cmxc'k'p'f gp'f c'hc| r"qf w'w'dgrk'rgpo k v'k0'

Anahtar Kelimeler: "Dw f c|. "Dwtuc. "Gpgtlk'O gvp'r qvcpuk'gmtk'[" cmxc"

"

#### ABSTRACT

Vj g'f gxnqr kpi "vgej pqrqi {"cpf "r qr w'v'qp"i tqy vj "hcevtu"lp"vj g'y qtrf "ecwug"vj g'gpgti {"f go cpf "vq" k'p'etgcug0Vj g'gp'xk'qpo gpv'nf co ci g'ecwugf "d{ 'hquki'hwgn'cpf "vj gk'f gr r'v'qp'lp'egt'v'lp't'gugtxgu'dt'kpi " t'gpgy cdrg"gpgti {"uq'w'egu"vq"vj g'hqt'gh'qp'0'k'p'qtf g't"vq"o gg'v'vj g'k'p'etgcuk'pi "gpgti {"f go cpf "lp"Vwtng{." gpgti {"r tqf w'v'qp't'gugctej gu'htqo "qti cpe'y cu'gu'ctg'ect'k'g'f "qw'eqo r'g'j gpuk'gn'0'k'p'r ct'v'w'ct."k'ku' gu'gp'v'cn'hqt"vj g'uw'v'ck'p'cd'k'k'v'{"qh'vj g'h'ek'k'k'gu"vq"j cxg"uw'h'ek'p'v'tcy "o cv'g'k'cu"lp"vj g'm'ec'v'k'pu"y j g'g' dk'qi cu"gpgti {"y km'dg"qdv'k'p'gf'0'k'p'vj g't'gugctej ."vj g'gpgti {"r qv'gp'v'cn"dk'qi cu."dk'qo cuu'r ctco gvtu"qh" y j gcv'u'cm'ly cu'gu"lp"Dwtuc"cpf [" cmxc"r tq'x'k'p'egu'y g'g'eqo r'ct'gf'0'Vj g'gzco k'p'gf "r ctco gvtu'y g'g' e'c'w'v'v'f "y k'j "vj g'x'cn'w'gu"lp"vj g'ik'g't'c'w't'g'0'Vj g'y cu'g'r' qv'gp'v'cn."f t{ 'o c'w'g't."x'q'r'v'k'g'f t{ 'o c'w'g't."o g'y c'p'g' r' qv'gp'v'cn'cpf'gpgti {"r qv'gp'v'cn'qh'Dwtuc"cpf [" cmxc"r tq'x'k'p'egu'y g'g'f' g'v'g'to k'p'gf "cu=5229/; 4"vpu."4868/ : 3"vpu."4838/: 2"vpu."876/42"EJ 6"mi ."45764/942"O L"t'g'ur g'e'v'x'gn'0'k'p'y cu"f g'v'g'to k'p'gf "vj cv'Dwtuc" r tq'x'k'p'eg'y j gcv'u'cm'ly cu'g'gpgti {"r qv'gp'v'cn'ku'j k'j g't'vj cp'[" cmxc"r tq'x'k'p'eg0'

Key words: "Y j gcv."Dwtuc. "Gpgti {. "O g'y c'p'g'r' qv'gp'v'cn. [" cmxc"

"





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r gtegr vqpu'qh'yj g'go r m{ ggu'r ct vkr cvpi 'lp'yj g'tgugctej 'chgevj gk'rgxgn'qh'cntwkuo 'cpf 'hqi kxpguu'0  
k'cf f kkp. 'k'y kn'dg'cwgo r vgf "v" f gvtgto kpg"y j gj gt"go r m{ ggu)r gtegr vqpu'qh'ur kkwcrk\ 'kpf kt gev\ "  
chgevj gk" qti cpk cvkpcnlhqi kxpguu'yj tqwi j "vj gk'rgxgn'qh'cntwkuo 0Vj g'hpf kpi u'qh'yj g'tgugctej "y kn'  
dg" gxcncv\gf "k" rkp"y kj "j g" rkgtcwtg"cpf "y j cv" qti cpk cvkpu"ecp" f q "k" rkp"y kj "j g" tguwmu"y kn'dg"  
f kuewugf 0

**Keywords:** "Y qtmr rneg'ur kkwcrk\ . "Qti cpk cvkpcnlhqi kxpguu. "Cntwkuo "

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#### ERGENLİK DÖNEMİNDE AKADEMİK BAŞARI VE YEME BOZUKLUKLARININ SAĞLIKLI BESLENME PERSPEKTİFİNDEN DEĞERLENDİRİLMESİ EVALUATION OF ACADEMIC SUCCESS AND EATING DISORDERS IN ADOLESCENCE FROM THE PERSPECTIVE OF HEALTHY NUTRITION

**Öğr. Gör. Rabia ACEMİOĞLU**

*Kf,t "©plxgt ukxguk "Vwj rvec "O gurgnİl "Amugnqmw. "¥ qewnl grk ko "Rtqi tco .,"Kf,t. "VÅtnkġ g"  
QTEK "KF <2222/2225/658; /4; : 8"*

**Dr. Öğr. Gör. Dilan MALGAZ GÜÇLÜ**

*Kf,t "©plxgt ukxguk "Vwj rvec "O gurgnİl "Amugnqmw. "¥ qewnl grk ko "Rtqi tco .,"Kf,t. "VÅtnkġ g"  
QTEK "KF <2222/2225/6: 8: /2469"*

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#### ÖZET

Dgurgpo g'cn ncpnımt, 'kpucpnıvctkj kđq{ wpec'gnıppqo k'luqu{ cni±gxtg. 'eq tch{ c'xg'mÅnÅt grıhcm¼4 rgtf gp" gvnkngpk0'Dwıpwırc "dgtcdgt "ngpvng o g. "vlectgv" g kko "xd0'gvngprgt "dgurgpo g'cn ncpnımt, "fg k lo kpġ" i gpk "dk" {gr c| g'uwpo cmcf, t0" | gnkmg'gti gprınlf ¼pgo kpġ g'İk knugn'twj ucı'xg'ıqu{ cni' grk ko kp'j ,| n" qm cu, f'g k gp'dgurgpo g'f extep, nct, p, "dgtcdgtkpġ g'ı gvtgdkıkt0'Dw'ıdc mco f c'gti gprınlf ¼pgo k'ntkknıdk" uÅtg±kt0'Gti gprınlf ¼pgo kpġ g'ıdkg{kp'fg k gp'dgurgpo g'f extep, nct, "nko rknınc| cpo c" g{rġo kġr'krk nkrk' knp="cnef go knı'dc ct, "xg"ıqu{ cni' grk ko "Å gıkpġ gnk'gvıku'f g'nc±p, m c| f, t0'¥ ÅpnÅ'cnef go knı'dc ct., " g kko "uÅtgkġp g" u,pcırtf cp" cn,pcp" pıqıvıtrc "xg"ıqu{ cni' ±gxtg" \*ckıg. "qmıvı "cnctep" i twr nct, "f q twf cp" dc ncpvınf, t0C {t, ec'dg{kp'ı grk ko kpġ'gti gprınlf ¼pgo kpġ g'ı grk o g{g'f gıxco "gvo guk'dkık ugnı" {gvıtrık kp" cnef go knı' gthqto cpu'Å gıkpġ g'ı ÅnÅ'dk "gvık'g'ıucj kr "qıf w wpwı ¼ıvıgtk0'Dwıpgf gprı'ıdkı ugnı" {gvıpgımgıkt' i ÅnÅ'ıqıpc'ıdkg{ırgıkp' {Åıugnıcnef go knı'dc ctı, "ı ¼ıvıgtı g'g kko rıgtk'ıcj c'ırc| ncf, t0Ccnef go knı'dc ct, "c{p, " |co cıpf c" {go g" dıq| vımwımt, "kġ" f g'ıkrk nkrk' dk" uÅtg±kt0'¥ ÅpnÅ' gti gprınlf ¼pgo kpġ g' {c cıpcp" nko rknı ±cv, o cırt, "ı go g'dıq| vımwımwımt, pc'f c'pıgf gp'ırcıdkı gımgıkt0'Mko rknı±cv, o cu, f q twıwıwıpf c'ıqıvtkġg {g" dc "nırf, to c." dc ,o u,| nı o c. "gp" f q twı'ıdkıo g. "cnctep" i twr nct, pc'f cıj knı'qmı c"ıı kdk'f vıtwı nct" dkıg{kp' İk knugnı'xg'ıdkı ugnı'uc nı ,p, "gvıırgı0'Dwıko k{c'pıgıxtıq| c'ıxg'ıcpıqtıgnıı{c'pıgıxtıq| c'ıı kdkı'ıknııquı{cni' dkı'ıqııknıı xg'ıı gıpvıknınc {pcınnı" {go g'dıq| vımwımt, "uc nınnı" dgurgpo g{ k'gıı gıng {gegnı'pıkgıımgıf k0'Dwıpgf gprı" {go g" dıq| vımwımt, "f c'cnef go knı'dc ct, {, "gvıırgıo gımgıf k0'F qırc {ı, u, {ırc'uÅt'ırgıdkı'ıuc nınnı" dgurgpo g'ıxg" {Åıugnı' dk" cnef go knı'dc ct, "nırkıgı'ıdk" {c co "k±p" ¼pgo rıf k0'Dwıpgf gprı" dıw'f gırgıo g'±cnı o cu, pıf c" gti gprınl' f ¼pgo kpġ g" {go g" dıq| vımwımt, "ıxg" cnef go knı' dc ct, p, "ı uc nınnı" dgurgpo g' r gıur gımkııkpġ gp" f g gıırgıf kıkıo k vıkt0' ¥cnı o c" uıpwıwıpf c" gti gprınl' f ¼pgo kpġ g' dkıg{ırgıkp" f wı'ı w' f vıtwıo nct, pıf c" j ,| nı f g k lo rıgt" {c cıpf, ,ı" dıw'f g k lo rıgtf gp" f qırc {, "dgurgpo g'f extep, nct, pıf c" f cıı cnıpo cırt, p" {c cıpf, ,ı" qıvı{c'ıııpwıo w vıwı0C {p, |co cıpf c' gti gprııkp' f g k gp'dgurgpo g'f extep, nct, {ırc'ıdgtcdgt'ıcvııhııqııf. 'ırcıngı' i ,f c. "cukı'ı'ııgegnı'ııd0'ıı, f cırt, "ııvııgı'ıo rıgtıkpġ gnk'ıctıvı, "cnef go knı'dc ct, {, "ıı Å Åıgp" dgurgpo g'ıctı ,f, t0' Dgurgpo g'f extep, nct, pıf c" {c cıpcp" j gıj cııı k' dk" dıq| wıo cıı, p. "¼ı tıgıo gıf g"ıı ÅıııÅ g'ıpgıf gp'ıırcıdkııgeı k' nııknııdkı'ııqıpwııwı0"

Anahtar kelimeler: "Rgıthqto cpu." dc ct., "ı go g'dıq| vımwımt, "ı g kko . "¼ı tıgıo g." dgurgpo g. "ııknııquı{cni' İcm¼4ırgı0"

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#### ABSTRACT

Gcvıpi "j cıdku" j cıxg" dıgııp" cııhgıvııf "ıd" {geıppıo kıe. "ııqıekıı" gıpxıktııpo gıpvı."ı gııı tırcı j { "cıpf "ııwıwııcnı'ııcvııqtıı" vııj tıqıı j qıwı'ı wıo cıı'ıı kıııqt {0'J qıı gıxtı. "ııcvııqtıı"ııwıej "cu"ııvııdcııpııı cıııkpıı. "ııvcıf g. "ııgf vııcvııkpıı" gııe0'ııhgııt" c"ııı kıf g" tıcpıı g"ııı'ııej cıııı gu'ııkp" gıcvııpi "j cıdku0'Gur gıekıııı "f vııkpıı "cıf qııııgeıpgıı. "ıırcı kıf "ıııı {ıııekıı"o gıııvııı'ıııı "ııqıekııı"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

f g x g n r o g p v e c p ' d t k p i ' c d q w e j c p i k p i ' g c v k p i ' d g j c x l q t u 0 k p ' y k u ' e q p v g z v . ' c f q r g u e g p e g ' k u ' c ' e t k k e c n i t t q e g u u 0 ' Y j k r g ' y j g ' k p f k x k f w c n u ' e j c p i k p i ' g c v k p i ' d g j c x l q t u ' f w t k p i ' c f q r g u e g p e g ' c t g ' t g r v g f ' v q ' y j g ' c e v ' q h ' i c k p k p i ' k f g p v k v ( ' k u ' g h h e v ' q p ' c e c f g o l e ' u w e e g u u ' c p f ' u q e k n i f g x g n r o g p v ' k u ' c n u q ' k p g x k c d r g 0 ' D g e c w u g ' c e c f g o l e ' u w e e g u u ' k u ' f k t g e v k f ' t g r v g f ' v q ' y j g ' i t c f g u ' t g e g k x g f ' h t q o ' g z c o u ' c p f ' y j g ' u q e k n i g p x k t q p o g p v ' h c o k n f . ' u e j q q n ' r g g t ' i t q w u ' f w t k p i ' y j g ' g f w e c v k q p ' r t q e g u u 0 ' k p ' c f f k k q p . ' y j g ' h c e v ' y j c v ' d t c k p ' f g x g n r o g p v ' e q p v k p w g u ' v q ' f g x g n r ' f w t k p i ' c f q r g u e g p e g ' u j q y u ' y j c v ' e q i p k k x g ' e q o r g v g p e g ' j c u ' c ' u t q p i ' g h h e v ' q p ' c e c f g o l e ' r g t h t o c p e g 0 ' H q t ' y j k u ' t g c u q p . ' k p f k x k f w c n u ' y k j ' u t q p i ' e q i p k k x g ' c d k k k l g u ' c t g ' o q t g ' r k n g n f ' v q ' u j q y ' j k i j ' c e c f g o l e ' u w e e g u u 0 ' C e c f g o l e ' u w e e g u u ' k u ' c n u q ' c ' r t q e g u u ' t g r v g f ' v q ' g c v k p i ' f k u q t f g t u 0 ' D g e c w u g ' k f g p v k v ( ' e q p h k e w ' g z r g t k p e g f ' f w t k p i ' c f q r g u e g p e g ' e c p ' c n u q ' e c w u g ' g c v k p i ' f k u q t f g t u 0 ' U k w c v k q p u ' u w e j ' c u ' t g d g n i k p i ' c i c k p u v ' c w j q t k v f . ' d g e q o k p i ' k p f g r g p f g p v . ' n p q y k p i ' y j g ' d g u v . ' c p f ' d g k p i ' k p e n f g f ' k p ' r g g t ' i t q w u ' k p ' r k p g ' y k j ' k f g p v k v ( ' e q p h k e v ' c h h e v ' y j g ' r j { u k e c n i c p f ' e q i p k k x g ' j g e n j ' q h ' y j g ' k p f k x k f w c n u 0 ' G c v k p i ' f k u q t f g t u ' u w e j ' c u ' d w i k o l e ' p g t x q u c ' c p f ' c p q t g z k ' p g t x q u c . ' y j l e j ' j c x g ' r u { e j q u q e k n ' d k q n j k e c n i c p f ' i g p g v k e ' q t k i k p u . ' c t g ' q h ' c ' p c w t g ' y j c v ' y k n i r t g x g p v ' j g e n j { ' p w t k k q p 0 ' V j g t g h t g . ' g c v k p i ' f k u q t f g t u ' c n u q ' c h h e v ' c e c f g o l e ' u w e e g u u 0 ' V j g t g h t g . ' u w u c k p c d r g ' j g e n j { ' p w t k k q p ' c p f ' j k i j ' c e c f g o l e ' u w e e g u u ' c t g ' k o r q t v c p v ' h q t ' c ' s w c n v f ' r k h g 0 ' V j g t g h t g . ' k p ' y j k u ' e q o r k r v k q p ' u w f { . ' g c v k p i ' f k u q t f g t u ' c p f ' c e c f g o l e ' u w e e g u u ' f w t k p i ' c f q r g u e g p e g ' y g t g ' g x c n v e g f ' h t q o ' c ' j g e n j { ' p w t k k q p ' r g t u r g e v k x g 0 ' C u ' c ' t g u w n ' q h ' y j g ' u w f { . ' k ' y c u ' t g x g c n g f ' y j c v ' k p f k x k f w c n i ' g z r g t k p e g ' t e r k f ' e j c p i g u ' k p ' y j g k t ' g o q v k a p c n i ' u c v g u ' f w t k p i ' c f q r g u e g p e g ' c p f ' y j c v ' y j g u g ' e j c p i g u ' e c w u g ' h w e w c v k q p u ' k p ' y j g k t ' p w t k k q p c n i d g j c x l q t u 0 ' C v ' y j g ' u c o g ' v k o g . ' y j g ' k p e t g c u g ' k p ' y j g ' e q p u w o r v k q p ' q h ' h c u v ' h q f . ' r c e n c i g f ' h q q f . ' c e k f l e ' f t k p m u . ' g v e 0 ' c n q p i ' y k j ' y j g ' e j c p i k p i ' p w t k k q p c n i d g j c x l q t u ' q h ' c f q r g u e g p w ' k u ' c ' p w t k k q p c n i u v ' n g ' y j c v ' t g f w e g u ' c e c f g o l e ' u w e e g u u 0 ' k u ' c ' e t k k e c n i t g u w n ' y j c v ' c p { ' f g v g t k q t c v k q p ' k p ' p w t k k q p c n i d g j c x l q t u ' e c p ' e c w u g ' f k h h e w v f ' k p ' r g c t p k p i 0

**Keywords**<Rgthto cpeg. 'uweeguu. 'gcvki 'fkuqtfgtu. 'gfweckqp. 'rgctplki . 'pwtkkqp. 'ru{ejquqeknihcevtu0' "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DECONSTRUCTING REALITY IN TERMS OF IMAGINATION AND LANGUAGE WITHIN THE FRAMEWORK OF NEO-ROMANTICISM: A COMPARATIVE STUDY OF WALLACE STEVENS AND W.H. AUDEN

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**Hatice KARA**

*UgrewniWpkxgt ukaf. 'Kpukwng'qh'Uyekn'Uekpegeu. 'Gpi rkuj 'Ncpi wci g'cpf 'Nkxgt cwt g'  
QTEKF <222; /2224/8; 6: /2562"*

#### ÖZET

Y cmeq'Ugxgpu'xg'Y O' Cwf gp. "420{ Æ { ,n' kt lplp'3/4p g'i grgp'kuko rgtk'qmrctem'f krp'dgp| gtuk' hwmcp,o , "xg" ncto c ,n' hgnugk' vgo crct, "ng hgo grgtk' ng' vcp,p, trct' D' D' vgo crct" ctcu,pf c. "i gt±gmkn' nextco , "kg" {ctcv,e, "ko i grgo " xg" pgq/tqo cpv' o " kxk nkuk' ktrgtk'p' g" o gtnyl k' dkt " {gt" wwt' Ugxgpu' xg" Cwf gp. " ktrgtk'p' g" {gpk' i gt±gmkn' g" {ctcv c' r' qgvn'ko i grgo "i Æ' Æ' Æ' 3/4pgo kpk'xwti wct' xg' pgupg'f Æ' {c' 'kg" j c{cn' Æ' Æ' ctcu,pf cnk' u, p, trct, "dwrp, nnc vt, trct' D' D' wpw' hngko grgtk' wvnc, nnc' o cpl' Æ' g'f gtgn' grpgmug'ni i gt±gmkn' cpr' { , nct, p, " {gpk' gp" {c| cp. 'ngpf kgtk'p' 3/4 i Æ' dkt " ktugn' xk' {qp' lp' c' g'f gtgn' dc ct, trct' O' J' gt' knk' f gj c. "i gt±gmkn' kg" j c{cn' Æ' Æ' ctcu,pf cnk' i grpgmug'ni nct , v, nct, "ngpf k' r' gtur gmkn' rgtk'p' g" qf cmeq' pctcn' r ct±crct' xg' qn' trct, . "pg{lp' i gt±gm' pg{lp' ucf geg' j c{cn' Æ' Æ' Æ' qrf w wpc' f ckt' xctuc{ , o nct, p, " {gpk' gp" i 3/4 f gp" i g±to g{g' {3/4p' rgtk'p' D' D' dc rco f c. " o cmeq. "pgq/tqo cpv' o " ±gt±gxguk' p' f k' i' xg" j c{cn' i Æ' Æ' Æ' ncto c , nnc, nct, p, 'grg' crctem' qprct, p' i grpgmug'ni gt±gmkn' cpr' { , nct, p, 'pcu, n' ct±crct' { , r " {gpk' gp" {cr, rcpf, tf, nct, pc' f ckt' f gv{ n' xg' grg v' t' gn' dkt' c' p' cnk' " uwpct' O'

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#### ABSTRACT

Y cmeq'Ugxgpu'cpf "Y O' Cwf gp. "npqy p" cu' r tqo kpgp' v' hi wtgu' qh' 42y /egpwt { "r qgt { . "ctg" y kf gn' tgeqi pl' gf "hqt" v' gk' wpl' s' g' wug' qh' r' p' i wci g' c' p' f "g' r' r' q' t' c' v' k' p' q' h' e' q' o r' n' g' z' r' j' k' u' q' r' j' k' e' c' n' i' v' j' go gu' O' C' o' q' p' i " v' j' gug' v' j' go gu. "v' j' g' eqpegr v' qh' t' g' c' r' k' v' { "cpf "ku' t' g' r' v' k' p' "v' q' "etg' c' v' x' g' "ko ci k' p' c' v' k' p' "cpf "pgq/tqo cpv' k' u' o' "ctg" egp' t' c' n' i' grgo gpv' lp' v' j' gk' r' qgt { O' k' v' j' gk' y' q' t' m' u' . "Ugxgpu' c' p' f "C' w' f' gp" go r' j' cu' k' g' v' j' g' l' o' r' q' t' v' e' p' e' g' q' h' i' r' q' g' v' e' " ko ci k' p' c' v' k' p' "lp' "etg' c' v' k' p' i' "pgy "t' g' c' r' k' v' g' u' "c' p' f "q' d' u' e' w' t' k' p' i' "i' k' p' g' "d' g' y' g' g' p' v' j' g' "q' d' l' g' e' v' x' g' y' q' t' r' f' "c' p' f "v' j' g' t' g' c' m' o' "q' h' i' ko ci k' p' c' v' k' p' O' V' j' g' { "cee' q' o' r' r' k' u' j' "v' j' k' u' d' { "g' z' r' g' t' v' n' f' "o' c' p' l' k' r' v' v' k' p' i' "y' q' t' f' u' v' q' "d' w' k' f' "c' "f' k' u' k' p' e' v' x' g' r' q' g' v' e' "x' k' u' k' p' " v' j' c' v' t' g' y' t' k' g' u' c' e' e' g' r' v' g' f' "k' f' g' c' u' q' h' t' g' c' r' k' v' { O' D' q' v' j' "i' g' p' k' w' u' g' u' f' g' e' q' p' u' t' v' e' v' j' g' "e' q' p' x' g' p' v' k' p' c' n' i' q' r' r' q' u' k' k' p' u' d' g' y' g' g' p' " t' g' c' r' k' v' { "c' p' f "ko ci k' p' c' v' k' p' d' { "h' q' e' w' u' k' p' i' "q' p' v' j' gk' p' g' y' "r' g' t' u' r' g' e' v' x' g' . "c' p' f "v' j' g' { "h' g' c' f' "t' g' c' f' g' t' u' v' q' "t' g' e' q' p' u' k' f' g' t' v' j' gk' " r' t' g' u' o' r' v' k' p' u' c' d' q' w' y' j' c' v' k' u' t' g' c' n' i' c' p' f "y' j' c' v' k' u' o' g' t' g' n' f' "ko ci k' p' g' f' O' V' j' w' u' . "y' k' j' "c' r' c' t' v' e' w' r' t' h' q' e' w' u' q' p' j' q' y' "v' j' g' { " f' g' e' q' p' u' t' v' e' v' c' p' f "t' g' l' o' ci k' p' g' t' c' f' k' k' q' p' c' n' i' p' q' v' k' p' u' q' h' t' g' c' r' k' v' { . "v' j' k' u' r' c' r' g' t' "q' l' h' g' t' u' c' "f' g' v' c' k' p' f' "c' p' f "e' t' k' k' e' c' n' i' c' p' c' n' i' u' k' u' q' h' i' v' j' g' e' q' o' r' n' g' z' k' k' u' g' u' q' h' i' r' p' i' wci g' c' p' f "ko ci k' p' c' v' k' p' y' k' j' k' p' v' j' g' h' t' c' o' g' y' q' t' m' i' q' h' i' p' g' q' /t' q' o' c' p' v' k' e' u' o' O'

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### AVRUPA BİRLİĞİ KRİTERLERİ EKSENİNDE AK PARTİ İKTİDARI 58. VE 59. HÜKÜMETLER DÖNEMİNDE BASIN HUKUKU ÇALIŞMALARI PRESS LAW STUDIES IN THE PERIOD OF 58TH AND 59TH GOVERNMENTS IN THE AXIS OF EUROPEAN UNION CRITERIA (AK PARTY PERIOD)

Doç. Dr. Erhan ALPASLAN

*Mcj tco cpo ctc "UÄv±Ä" o co "©pkxgtukguk" pucp'xg'Vqr mo 'Dkko rgt k'HcnÄnguk 'Vctkj 'D³ÄÄo Ä" Mcj tco cpo ctc . 'VÄtnk'g"*

*j wru-Älqtekf Qti I222/2223/9473/8955"*

Av. Ahmet ÖZDEMİR

*Mcj tco cpo ctc "UÄv±Ä" o co "©pkxgtukguk" Uquf'cn'Dkko rgt 'GpukvÄuÄ 'Vctkj 'Cpc'Dkko 'F cn'Vg'rk' [ ÄmugniNucpu" t gpekuk 'Mcj tco cpo ctc . 'VÄtnk'g"*

*j wru-Älqtekf Qti I222;/2224/; 293/9923'G/O ckk"*

#### ÖZET

O qf gtp" f³pgo f g'f go qntc'vni'j wnwñf gxrgvgtk'k'p'³pgo rk'dk"o gf gpk' g'v'ugxk' g'uk'mk'gt'k'j c'rk'p'g'i g'p'p' dcu,p'j wnwñw'xg'k'cf g'³⁄⁴ i ÄnÄ ÄÄ' g'k'p'g' {cuc' {cr ,e,ret'xg'uk'f'cugv'k'gt' {q wp'±cn o crct' i gt±gmng v'k'gt'gn' dcu,p'j wnwñw'p'wi g'rk v'ko g'p'k' {q'nc't,p,'ctco , rctf,t0F Äp' {cf c'q'rf w w'i kdk'VÄtnk' g'of g'f g'dcu,p'j wnwñw' ±cn o crct, "420' { {0uq'p'w'c'f q tw' {q w'p'c o , v,t0F go qntc'vni'dk'j wnwñf gxrgv'k'q'nc't'c'm'w'w'w'p'p'VÄtnk'g' Ewo j w'k'f'g'k' F gxrgv'k' v'go gn' j cn' xg' j Ätk'f'g'v'gt' n'q'p'w'ct,p'f c" d'gn'k' dk" q'ni w'p'w c" g'k' g'g'ni i g'rk ko " i ³⁄⁴v'g'to k v'k'0D'w'p'c'r c'tc'rg'n'q'nc't'c'm'w'w'w'p'p'VÄtnk'g'of g'uk'f'cugv'i Äp'f go k'p'g'i ³⁄⁴g'f g' k ko 'xg'i g'rk ko " i ³⁄⁴v'g'to k v'k'0'3; 72' { ,n'p'f c' { g'p'k' g'p' f Ä' g'p'rg'p'p' Dcu,p' M'c'p'w'w' o c'f f'g'rg't' Ä' g'k'p'f g' "uq'p't'c'k' { ,m'ct'f c' j ÄnÄo g'v'gt'xg"o g'er'ku'x'cu,v'cu, {rc' d'k'±q'n'f Ä' g'p'rgo g' "gm'go g'xg'f g' k v'ko g'i gt±gmng v'k'k'w k v'k'0'4226" { ,n'p'c'nef ct' { Ä'Ä'nÄng'ne'p'p' Dcu,p' M'c'p'w'w'k'k'p' c'tv,n'i'n'³⁄⁴m'g'p'f³⁄⁴Ä Äo g' "i g'g'ni'f w'f w'o w'w't0'3; ; 2Än" { ,m'ct'f c'VÄtnk'g'uk'f'cugv'k'g'n'q'p'qo k'n'd'w'p'c'n'o rct'xg'k'v'k'nt'c'tu, | 'n'q'c'rk' {q'p'j ÄnÄo g'v'gt'k'p'g'f g'p'k'f'g' d'w'j t'c'p'n' dk'f'³⁄⁴p'go " {c co , v,t0F k'gt' {c'p'f'c'p' C'x't'w'c' G'n'q'p'qo k'n'V'q'r n'w'w' w'p'w'p' n'w'w'w'p'f'c'p' d'g't'k'd'w'q'n'w' c' f'c'j k'l'q'm' c'n'l'k'ug' {g'p' VÄtnk'g. "3; ; 2Än" { ,m'ct'f c' dw'±cn o crct'c' ,t'n'm'x'g't'k' "v'q'r n'w'w' c' n'v'x'c't'c'm'j go " g'n'q'p'qo k'n'v'q'r n'w'w' u'c'n'xg'j go "f g'uk'f'c'uk'q'nc't'c'm'Äng'p'k'q'n'w'w'w' {³⁄⁴p'f g'f³⁄⁴Ä g'eg' k'j g'f'g'h'p'f'g'j c't'g'ng'v' g'vo k v'k'0'4224" I g'p'g'n'U'g'±ko r'g't'k'u'q'p'w'p'f c'v'g'n'de ,p'c'k'n'k'f'c'tc"i g'm' g'k'de c't'c'p' C'n'i'R'c't'v'k'CD'g'f'c'j k'l' q'm' c'±cn o crct,p'c'f'c'j c'f'c'c' ,t'n'm'x'g't'g't'g'n'iu'qo w'ef ,o rct'c'v,m'cu,p,'uc' r'co , v,t0CD'ng'p'f'k'k'p'g'f'c'j k'l' g'f'g'eg' k'Äng'rg't'g'f go q'nc't'c'uk'xg'k'p'uc'p'j c'm'ct, "c'r'p'rc't,p'f c'm'k'g't'rg't' n'q' {o w "VÄtn'uk'f'cugv'k'dw' n'q'p'w'ct'f c' ±cn o crct' { Ä'Äo Ä vÄ'0Dcu,p'³⁄⁴ i ÄnÄ ÄÄ'xg'k'cf g'³⁄⁴ i ÄnÄ Ä'd'w'p'w'f'c'k'±cn o crct'f'c'p' d'k'k'f'k'0C'n'i'R'c't'v'k' j ÄnÄo g'v'gt'k'f'³⁄⁴p'go k'p'f'g' Dcu,p' M'c'p'w'w'xg'VÄtn'Ä'g' c' M'c'p'w'w' {g'p'k' g'p'f Ä' g'p'rg'p'o k. " p'v'g't'p'g'v' {c' { ,p'e, n , " Ä' g'k'p'g' {g'p'k' n'ep'w'p'rc't' ±,n'ct,m , v,t0'Dw'±cn o c'f c' C'n'i'R'c't'v'k'p'k' d'c' r'c'p'i ,±j ÄnÄo g'v'gt'k'f'³⁄⁴p'go r'g't'k'p'f'g' Dcu,p' M'c'p'w'w'±cn o crct., "f³⁄⁴p'go k'p' t'g'u'o k'ne { ,v'ct, "xg' n'q'p'w'j c'm'p'f'c'k' {c'r ,r'ep'±cn o crct' n'c' {p'c'n'i' v'c't'c'o c' {³⁄⁴p'v'go k'f'g' l'p'eg'rg'p'g'eg'm'k'0'

Anahtar Kelimeler: "Dcu,p' M'c'p'w'w' C'n'i'R'c't'v'k' VÄtnk'g/CD" r'k' n'k'rg't'k'0"

#### ABSTRACT

K'p'j g'o qf gtp" r'g't'k'f. "r' t'g'u'u' n'cy "c'p'f' "l't'g'g'f'qo "q'h'g'z'r' t'g'u'k'p'j c'x'g' d'g'eqo g'c'p'ko r'q't'v'p'v'et'k'g't'k'p'q'h' ek'x'k'k' c'v'k'p' r'g'x'g'n'ht' "f go q'et'c'v'e' r'g'i c'n'uc'v'g'u. "c'p'f' "r'g'i k'ur'v'q'tu" c'p'f' "r'q'rk'k'ek'c'p'u"j c'x'g' "k'p'v'g'p'uk'x'g'n' "u'w'f'k'g'f' " r' t'g'u'u' n'cy "c'p'f' "u'q'w'j v'y' c' {u'v'q"ko r' t'q'x'g'k'0'Cu'k'p'j g' t'g'u'v'q'h'j'g'y' q't'f. "r' t'g'u'u' n'cy "u'w'f'k'g'u'k'p' V'w't'ng' { " k'p'v'g'p'uk'k'g'f' "v'y' c't'f' u'v'j'g'g'p'f' "q'h'j'g'42j' "eg'p'w't' {0'V'j'g' T'g'r' w'd'rk'e' "q'h'V'w't'ng' { .y'j' k'ej' "y' cu'g'u'c'd'rk'j'g'f' "cu'c' " f go q'et'c'v'e' u'c'v'g'q'h'rc'y. "j' cu'f' g'x'g'n'q'r' g'f' "k'p'v'g'to u'q'h' h'w'p'f'c'o g'p'v'c'n't'k'i'j' w'c'p'f' "l't'g'g'f'qo u'y' k'j' "ci'g'0'k'p' "r' c't'c'rg'n'l' y' k'j' "v'y' k'u' "v'y' g'R't'g'u'u'N'cy "j' cu'ej' c'p'i' g'f' "c'p'f' "f' g'x'g'n'q'r' g'f' "c'ee'q't'f' k'p'i' "v'y'j' g'f' q'rk'k'ec'n'c'i' g'p'f' c'k'p' V'w't'ng' {0' T'g'x'k'ug'f' " k'p'3; 72. "v'y' g'c't'v'eng'u'q'h'v'j'g' R't'g'u'u'N'cy "y' g't'g'c'o g'p'f'g'f. "c'f'f'g'f' "v'q'c'p'f' "e'j' c'p'i' g'f' "d' { "i' x'q'g't'p'o g'p'w'u'c'p'f' "v'y' g' "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

r ctrko gpv'kp"vj g'hqmjy kpi "{ gctu0Wp'vkr'4226."vj g'Rtguu'Ney "tgo ckpgf "kp'hqteg."dw'k'y cu'vko g'hqt"c" tcf lecn'tcpuhqto cvkqp0'kp'vj g'3; ; 2u."Vvtnkuj 'r qrk'leu'y gpv'vj tqwi j 'c'r gtlqf "qh'wto qkif wg'vq"geppqo le" etkug'c'p'f "wpucdng'eqcrlkqp'i qxgtpo gpw0Qp'vj g'qvj gt'j cpf ."Vvtnng{."y j lej 'j cu'y cpv'gf "q'dg'b'o go dgt" qh'vj g"Gwtqr gcp"Geppqo le"Ego o wplv{"ukpeg"ku'hqwpf cvkqp."hqewugf "qp"vj gug"ghqtu"kp"vj g'3; ; 2u." cko kpi "q"v'cpuhqto "vj g'eqwpt{"geppqo lecmf."uqelcmf"cpf "r qrk'lecmf"d{"lqk'kpi "vj g'eqo o wplv{0Chgt" vj g'4224'i gpgt'cn'grgevkqpu."vj g'CM'Rctv{"eco g'v'q'r qy gt'qp'ku'qy p."cpf 'j cu'v'cngp'eqpetg'v'wgr u'v'qy ctf u" GW'ceeguakp0'Vj g'GW'j cu'ugv'etk'gt'k'kp"vj g'ctgcu'qh'f go qetce{"cpf "j wo cp'tki j u'hqt"vj g'eqwpt'k'gu'k' y kn'l'penwf g."cpf "Vvtnkuj "r qrk'leu'j cu'y qtn'gf "qp"vj gug"kuuwgu0'Hg'gf qo "qh'vj g'r t'guu"cpf "ht'ggf qo "qh' g'zr t'guu'k'p'ku'q'p'g'qh'vj gug'kuuwgu0'F wtkpi "vj g'CM'Rctv'ki qxgtpo gpw."vj g'Rtguu'Ney "cpf "vj g'Vvtnkuj 'Rgpcn' Eqf g'y g'g't'g'xl'ugf "cpf "p'gy "rcy u'y g'g'p'ce'v'gf "qp"kp'v'g't'p'g'v'dt'q'c'f'ecuk'pi 0'kp'vj ku'uwf {"."vj g'uwf k'gu'qp"vj g' Rtguu'Ney "f wtkpi "vj g'g'ctn' "i qxgtpo gpw"qh'vj g'CM'Rctv{"."vj g'qh'lekn't'geqtf u'qh'vj g'r gtlqf "cpf "vj g' uwf k'gu'qp"vj g'uw'dl'gev'y kn'd'g'gzco kpgf "d{"wulpi "vj g'r'k'gt'c'w't'g't'g'x'k'gy "o g'y qf 0'

**Keywords**<Rtguu'Ney ."CM'Rctv{."Vvtnng{/Gwtqr gcp'Wpkap'Tgr'v'k'pu0'

"

UYUMLULUK KİŞİLİK ÖZELLİĞİNİN ROL ÖTESİ HİZMET DAVRANIŞINA ETKİSİ  
THE EFFECT OF AGREEABLENESS PERSONALITY TRAIT ON EXTRA-ROLE SERVICE BEHAVIOR

Öğr. Gör. Dr. Vural DENİZ

Ugrnwl@pkxgt ukxguk "J cf ko "O gurgnl [ Anugnqmwv."

QTEK PQ: "2222/2223/: 3; 2/5287"

Doç. Dr. Gökhan KERSE

Mclmcu@pkxgt ukxguk "mkucf k'xg" f ct kDtko rgt "HcnAnxguk"

QTEK PQ: "2222/2224/3787/; 332

ÖZET

[ Anugn'nckxgk'j k o gv'uwpo cni'uc n'mnwv rct,pf c'pgo ik'dk'dc ct,"hcm34A"qrcteni 34Ao gmxf kO' Ue nm' ±cn cprct," j cucerctre" uA'gmk' gnkrg ko " j crkpf g" qrf w wpf cp" ±cn cprct,p" fextcp, rct," j cusc" o go pwpk' g'vlpk' gnkrgpo gulkpf g" xg" j k o gv' nckrguklpk' f g gtrgpf ktko gulkpf g" o gtnl' k' dk" tqn' q{pco cmcf ,tOC {t,ec'tqn'k'f extcp, rctre"m' {curcpf , ,pf c'tqn'34guk'f extcp, rct" f c' f gtp' dk" gmk' g" ucj kr vtODwvwp' hctmpf c'qrnp {3pgv'ekrgt 'tqn'34guk'f extcp, rct,"vg xkn'gvo g'lpk' {qmet,p,"ctco cmcf ,tO'Tqn' 34guk' j k o gv' f extcp, rct," ±cn cprct,p" k" vcp,o rct,p,p" 34gukpf g" 34i A'g" hc {f c" uc r{cp" i 3pAmA' f extcp, rct,f,tO'Dw'vA' f extcp, rct"kv g"dc n" g {rgo rgt" qrf w w'k'p" nk kkn' 34 gnkmgk' krg" {cmf cp" k k nkr k' O' M k kkn' 34 gnkmgk' ctcu,pf c" kug" hgf cmtn,m' xg" kvgnk' o qv'xcu {qprc" {cmf cp" k k nkr' qrp" w' wo nwn'n' nk kkn' 34 gnk k'lpk' ±cn cprct,p" tqn' 34guk' f extcp, rct, {r" k k nkr' qm cu," o vj vgo grf k' O' Dw' etc vto cf c' f c' dw' k k nkr' g' r' enpo , "xg" dg "hcm34" nk kkn' 34 gnkmgk' k' p' w' wo nwn' nkr' tqn' 34guk' j k o gv' f extcp, rct," ctcu,pf cnk' k k nkr' f g gtrgpf ktko k vtO'U34 " nqpwu" k k nkr' k' co r kkn' qrcteni' vgu' go gn' k' k' uc n' n' l' g' n' n' r' f c' 34pgmgo g" {3p' vgo k' r' g' ug+krp" 323 ±cn cpf cp" xgtkrgt "grf g" gf kro k vtOXgtkrgt" cprngv' gnpk kpf gp" {ctctrcp, rcteni' qr n' po , "xg" URUU' xg" CO QU' r' engv' r' tqi tco rct, "kg" cpcrk' "gf kro k vtO' J k r' qv' l' "vgu' g' k' p' i g±o gf gp' 3p' eg" h' g' n' epu' cpcrk' k' i A' g' p' k' k' n' cpcrk' k' xg" i g±gtrk' n' cpcrk' k' {cr ,m , vtO' F c' j c" uqptcu,pf c" kug" nq' g' r' cu {qp" cpcrk' k' xg" tgi tgu {qp" cpcrk' k' krg" etc vto cp,p" co ce,pc" wv ,m c {c' ±cn ,m , vtO' Dwi wrct" w' wo nwn'n' nk kkn' 34 gnkmgk' krg" tqn' 34guk' j k o gv' f extcp, rct," ctcu,pf c" r' q' k' k' i {3pf g' c' p' r' o n' dk' k' k' nkr' qrf w w' w' i 34vgo k vtOC {t,ec' w' wo nwn' w' p' tqn' 34guk' j k o gv' g' xkn' l' g' gp' 3pgo r' k' dk' hcm34" qrf w w' q' t' v' c' h' nqpwv w w' tO' Uqpw±rct,o , | tqn' 34guk' f extcp, rctc' h' v' ,m c' g' k' ko k' { Anugn' qrf w w' v' gur k' v' gf krgp" w' wo nw' ±cn cprct," ug±o g'lpk' uc n' n' m' w' v' r' ct,p,p" q' n' wo nw' j k o gv' f g gtrgpf k' o g' uk' xg' w' w' p' xcf gr' k' dc ct,u," A' g' t' k' p' g' 3pgo r' k' dk' "g' nkr' g' ucj kr "qrf w w' w' i 34vgo gmxf k' O'

Anahtar Kelimeler-<Dg "Hcm34" Mk kkn' W' wo nwn' Tqn' v' g' uk' j k o gv' f extcp, , "Ue n' m' ±cn cprct,"

ABSTRACT

Rtqxkf lpi 'j ki j 's werkv 'ugt'xlegu'lu'uggp'cu'cp'ko r qt vpv'uweegu'hcevt'lp'j gcnj ectg'qti cpk' cvkqu0Ukpeg' j gcnj ectg'r tqhguukqpcu'ctg'lp' eqpuvcv'lp'v'g'cvk'p'y kj 'r cvk'p'v' 'vj gk' 'dgi cxkqtu' r r' c' "c' egp'tcni'tqrg'lp' uj cr lpi 'r cvk'p'v'uc'v'k'cvk'p'cpf" gxcn'cvk'p'i "ugt'xleg" s werkv' O'O qtgq'xg't." eqo r ctgf "v' "lp' /tqrg" dgi cxkqtu." gz'vc/tqrg" dgi cxkqtu'j cxg'c'f ggr gt'ko r cevO'Cy ctg'qh'vj ku." o cpci' gtu'ctg' m' q' n' k' p' i "hqt' y' c' u' v' q' gpeq' w' c' i' g" gz'vc/tqrg" dgi cxkqtu' O'Gz'vc/tqrg" ugt'xleg" dgi cxkqtu' ctg' go r m' { ggu' xq' n' p' v' ct' "dgi cxkqtu' v' cv' d' g' p' gh' k' v' j' g" qti cpk' cvk'p' dg { q' p' f' v' j' gk' l' q' d' f' g' u' e' t' r' v' k' p' u' 0' U' l' p' e' g' u' e' j' "dgi cxkqtu' ctg' x' q' n' p' v' ct' { "cvk'p'v' 'vj g' l' "ctg' em' q' n' g' t' g' r' v' g' f' "v' r' g' tu' q' p' c' r' k' v' t' c' k' u' O' C' o' q' p' i' r' g' tu' q' p' c' r' k' v' t' c' k' u' . "ci' t' g' g' c' d' r' p' p' g' u' . "y' j' k' e' j' 'k' u' 'e' n' q' u' g' n' f' t' g' r' v' g' f' "v' c' n' m' v' k' u' o' " cpf' x' q' n' p' v' ct' { "o' q' v' x' c' v' k' p' . "k' u' r' k' n' g' n' f' "v' "d' g' t' g' r' v' g' f' "v' "g' o' r' m' { g' g' u' } g' z' v' c' / t' q' r' g' d' g' i' c' x' k' q' t' u' O' l' p' v' j' k' u' u' w' f' { . "v' j' k' u' t' g' r' v' k' p' u' j' k' r' y' c' u' c' f' f' t' g' u' u' g' f' " c' p' f' " v' j' g' t' g' r' v' k' p' u' j' k' r' d' g' v' y' g' g' p' " v' j' g' h' x' g' / h' c' e' v' q' t' " r' g' t' u' q' p' c' r' k' v' t' c' k' u' " q' h'

ABSTRACT BOOK



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

ci tggcdrgpguu'cpf 'gzv/c/tqr'ugtxleg'dgj cxkqtu'y cu'gxcnvcv'f 0'k'vj g'uwf { 'eqpf vev'f 'v'go r k'kcm'f 'vgu' vj ku'tgrv'kpuj kr . 'f'cvc'y gtg'qdv'kpg'f 'htqo "323"go r m' { ggu'ugr'ge'v'f "d' { 'eqpxgpk'gpeg'uco r n'p'i "o' g'v' q'f "k'p" vj g'j gcmj "ugev'qt'0'Vj g'f'cvc'y gtg'eqm'ge'v'f "wulpi "s'wguk'qpp'c'k'g'v'gej p'k's'wg'cpf "cpcn'f'ug'f'y'k'j "URUU"cpf "CO QU" r'c'em'i'g' r't'q'i't'c'o'u'0' D'gh'q't'g' "j' { r'q'v'g'u'k'u' "vgu'k'p'i . " 'h't'g's'w'g'p'e' { "cpcn'f'uku' "t'g'k'c'd'k'k'v'f "cpcn'f'uku' "cpf "xc'k'f'k'v'f "cpcn'f'uku'y'gtg'r'g'h'q't'o' g'f'0'Ch'g't'y'c't'f'u'."eq't't'g'r'v'k'p'c'p'c'n'f'uku'c'p'f' "t'g'i't'g'u'k'q'p'c'p'c'n'f'uku'y'gtg'w'ug'f'v'q' "t'g'c'ej' "v'j'g'r'v't'r'q'u'g'q'h'v'j'g'u'w'f' { 0'Vj'g'h'k'p'f'k'p'i'u'uj'q'y' "v'j'c'v'v'j'gtg'k'u'c' "r'q'u'k'k'x'g'c'p'f' "u'k'i'p'h'k'c'p'v't'g'r'v'k'p'u'j'k'r' "d'g'y'g'g'p' "c'i't'g'g'c'd'r'g'p'g'u'u' r'g't'u'q'p'c'k'v'f' "v't'c'k'u' "c'p'f' "g'z'v'c'/t'q'r'g' "u'g't'x'k'g' "d'g'j'c'x'k'q't'u'0'K'y'c'u' "c'm'q' "t'g'x'g'c'r'g'f' "v'j'c'v' "c'i't'g'g'c'd'r'g'p'g'u'u'k'u'c'p'lo' r'q't'v'c'p'v'h'c'ev'q't' "v'j'c'v'g'p'eq'w't'c'i'g'u'g'z'v'c'/t'q'r'g' "u'g't'x'k'g'0'Q'w't' "t'g'u'w'u'u'w'i' i'g'u'v'v'j'c'v'ug'r'ge'v'k'p'i' "e'q'o' r'k'c'p'v'go' r'm' { g'g'u'y'j'q' "c't'g' "h'q'w'p'f' "v'q' "j'c'x'g' "c' "j'k'j' "v'g'p'f'g'p'e' { "v'q' "g'p'i'c'i'g' "k'p' "g'z'v'c'/t'q'r'g' "d'g'j'c'x'k'q't'u' "j'c'u'c' "u'k'i'p'h'k'c'p'v'k'o' r'c'ev'q'p' "v'j'g'r'q'u'k'k'x'g' "u'g't'x'k'g' "g'x'c'n'v'c'v'k'p'c'p'f' "m'p'i' /v'g't'o' "u'w'e'g'u'u'q'h'j'g'c'm'j' e'c't'g'q't'i'c'p'k'c'v'k'p'u'0'

**Keywords:** " H'k'g' " H'c'ev'q't' " R'g't'u'q'p'c'k'v'f' . " C'i't'g'g'c'd'r'g'p'g'u'u' . " G'z'v'c'/t'q'r'g' " U'g't'x'k'g' " D'g'j'c'x'k'q't' . " J'g'c'm'j' e'c't'g' " R't'q'h'g'u'k'q'p'c'u' "

ABSTRACT BOOK

# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## BOHEM BİR RESSAM OLARAK FATİH URUNÇ FATİH URUNÇ: A BOHEMIAN ARTIST

Doçent Zafer KALFA

Ebru TANIŞ

*Mcj tco cpo ctc "UÃv±Ã" o co "©pkxgt ukxguk T Ã| grUcpcwct 'HcnÃngukT guko 'D'ãAo Ã"*

"

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### ÖZET

Dqj go "tguuco "i grpgg klpk"uqp"vgo ukrekgtkpf gp"Hcvkj "Wtwp±owp" {c co ,"xg"ucpex,"j cmmf c"r gni'c| " dki k'g"ucj kdk 0'¥c f c "tguco "ucpex,o ,| ,p"ngpf kpg"o Ãpj cu,t" kuko rgtkpf gp" dtk' qrf w w."tguco rgtkpk' Cpnetœf cnk'c¼/4n{ gulpf g" {cr v, ,"xg"i gp±f gpkrgdkrgegm'dk" {c v="cmqin'vÃngvko kpg"dc n"dk"j cuvcn'nî pgf gpk'rg'j c {cv,p,hc {dgwk kf , ,pf cnk'dki krgtg'cpecniqpw'wcp,o , . 'qpwprc'ctnef c nîf {cr o , 'kucprct,p" cprcw,mct,pf cp"wr ccdkik'qt wj 0'Dwvwpwr"dkrkmg"Wtwp±owp"tguco rgtk"uqp"| co cprctf c"Ãmgo k k'p"¾pf g" i grgp"o Ã c {gf grgtkpf g"ctf , "ctf ,pc"ucv,n {qt "xg"ucpex±,p,p"dk "Hntgv'O wemc"xg {c"Dwtj cp"W{i w"i kdk' f g gt"ne| cpo cu,p,"uc n {qt 0'4246" { ,np,p"dc ,pf c."F q±gpv\ chgt "Mcrhcœp,p" f cp, o cpn ,pf c"dc mco , " qrcp"cnœf go kni±cn o c"ner uco ,pf c."cf , "j gt"i g±gp"i Ãp" f cj c"u,nîf w {wcp"cpecni {c co ,pc" f ck" f gvc {net" dÃ{ Ãn'qtœpf c"dk"ut"qrcp"Hcvkj "Wtwp±owp"o Ão mÃp"qrcp"gp"i gpk "ner uco n"dk'qi tchuk'k±p" {cmp" f quwct, {m"i ¾Ã o grgt" {cr ,m , . 'tguo , "dgnî grgtg'xg'dwprct" {cp,pf c"nk kugrîj cv,terctc" f c"wr ,m , vt0Dw' vgdrk . "F q±gpv\ chgt "Mcrhc"xg"Gdtw'Vcp, "ctch,pf cp" w'cpc" f gni'gf g"gf kro k "xgtkgtk'p"dk"¾ gk'qrctcmî i ¾ÃÃgdkrk0"

**Anahtar Kelimeler:** "Hcvkj "Wtwp±"dqj go ."dk'qi tch'

"

### ABSTRACT

Y g'j cxg'xgt { "rkswg"lphqto cvkqp"cdqw'v'j g'rhg"cpf "ctv'qh"Hcvkj "Wtwp±"qpg'qh'v'j g'rcv'tgr t gupv'kxgu'qh" v'j g"dqj go kcp"r ckpvt" vcf kkp0' Qwukf g"qh' v'j g"hev' v'j cv'j g"y cu" qpg"qh' v'j g"v {r kecn' pco gu"qh' qwt" eqpvgo r qtct { "ctv'qh'r ckpvkpi . "v'j cv'j g'r ckpvgf "kp"j ku'uwf kq'kp"Cpnetc."cpf "v'j cv'j g'f kfg "cv" c"tgrv'kxgn" {qwpi "ci g'f wg"v'q"cp"knpguul'tgrv'gf "v'q"creqj qn'eqpuwo r v'kqp."y g'eqwf "qpn { "qdv'k'p'phqto cvkqp"htqo "v'j g" uvqtkgu'qh'r qgr rg"y j q'npgy "j ko "cpf "y gtg"htkpgf u'y kj "j ko 0J qy gxgt."Wtwp±"u'r ckpvkpi u'j cxg'tgegpv" dggp"r wej cugf "kp"ugtkgu"kp"qwt"eqwv { "u'ngcf kpi "cvev'kpu."gpuwtkpi "v'j cv'j g'ctv'k'u'i ckpu'xcnwg"rkng" c" Hntgv'O wemc"qt "Dwtj cp"W{i w0Y kj kp"v'j g'ueqr g'qh'v'j g'cecf go ke'uwf { "v'j cv'v'ctv'gf "cv'v'j g'dgi kppkpi "qh" 4246"wpf gt "v'j g"eqpuwncpe { "qh"Cuuqekcvg"Rtqhguuqt\ chgt "Mcrhc."emug"htkpgf u'qh"Hcvkj "Wtwp±"y j qug" pco g'ku'j gctf "o qtg"cpf "o qtg"gxgt { "f c { "dw'v'j g'f gwcku'qh'j ku'rhg"ctg'rci gn' c"ugetgv."y gtg'lpvgtxkgy gf" cpf "qh'hekn' f qewo gpw"cu"y gm'cu"r gtuqpcn"o go qtkgu"y gtg"qdv'k'p'gf "ht" v'j g"o quv'eqo r tgi gpukxg" dkqi tcr j { "r quikdr0'Vj ku'r cr gt"ecp"dg"uggp"cu" c"uwo o ct { "qh'v'j g'f cv"qdv'k'p'gf "uq"ht" d { "Cuuqekcvg" Rtqhguuqt\ chgt "Mcrhc"cpf "Gdtw'Vcp, 0'

**Key Words:** "Hcvkj "Wtwp±"dqj go kcp."dk'qi tcr j { "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### AD KAVMİNİN KIBİRLENMESİ VE HELAK OLMASI THE ARROGANCE AND DESTRUCTION OF THE PEOPLE OF AD

Mahmut ÖZTÜRK

*Rtql0F t0J cttcp"©pkxgt ukxguk" r: j k cvHcnÅnguk'*

#### ÖZET

Mwtøp"muucrt, "i g±o k "o kngvgtlp"dc ,pf cp"i g±gp"j cf kugrtk'nqpw"gf lpk0Mwtøp"muucrt,p,p"i c {guk' uqptcnk'kpucprt,p"kdgv'cm cu,f,t0Dw'dc mo f c" | kntgf krgp"J wf "muucu,"vctkj kp"gp"gunk'nexko rgtkpf gp" dtkulpk' nqpw" gf lpk0 P wj " r g{i co dgtf gp" uqptc" o gf gpk{gv' ucj pgukpg" ±,nep" J wf " nexo k' dgtgngvk' vqr tcmctc'ucj kr . 'dgtf gpgp'nwxsgvk'dk'nexko f k0Dk'f 3/4pgo 'kpucprt'k±k" {ctctn'k rgt" {er o , . 'kpucprt,p" k lpk' nqrc {re v,tep' dlpcrt" kp c" gvo k rgtf k0 Hcnv' | co cprc" Cmcj " vctch,pf cp" ngpf krgt'kp" xgtkrgp" dw' plo gvgtkp'm {o gvpk'dkrgo g {kr 'vgxj kf 'kpcpe,pf cp'ucr o , rctf ,t0' {kknk'kp' hwt wrp'o Åguugngt'k'vo 'gtuk' dk" co c±rc" mwrpo c {c" dc mo , rctf ,t0' J wf " r g{i co dgtlp" 3/4 Ångt'kp" nwrni' xgto g {gp" nexko " dÅv'p" wf ct,rctc'tc o gp'n3/4Ångt'kp' gp'xcl i g±o g {kpeg'Cmcj 'Vgrc'qprt,p'kf f krcrt,p, {cercrc {cecni' gnkrf g'dk" c| cr "i 3/4pf gto k vt0' xÅpf Ångt'k'mwxsgvgt'k'dk'k g" {ctco co , . 'i 3/4ngo k'kr' 3/4Åpf Ångt'k'dlpcrt" {gtng'dk" qm w wt0J wf 'Rg{i co dgtø'g'o cp'gf gp'kpucprt'kug'r g{i co dgtngt'k'kr'dgtcdgt'q'd3/4i gf gp'i 3/4o Å rgtf k0'

**Anahtar Kelimeler:** Mwtøp'Muucrt, "J wf 'Rg{i co dgt'Muucu, 'Mxko rgtk'p'egl crpf ,t,m cu,"'

#### ABSTRACT

Vj g'uvqt'k'g'u'qh'y' g'S wtcp'ctg'cdqww'y' g'gxgpw'y' cvj' er r gpgf 'v'j' g'r' cuv'p'cv'k'qpu0Vj' g'r' wtr' qug'qh'y' g'uvqt'k'g'u' qh'y' g'S wtcp'ku'hqt' hwwt'g'r' gqr' rg'v'q'v'eng'c'rguucp0Vj' g'uvqt' { 'qh'J' wf "o' gp'v'k'ppgf' 'kp'y' ku'eqpvz'v'f' gcu'y' kj' " qp'g'qh'y' g'qrf' guv't'kdgu'lp'j' kuzt' {0Vj' g'v'kdg'qh'J' wf . 'y' j' q'eco' g'v'q'j' g'v'nci' g'qh'ek'k'k'k' cvk'qp' chgt' P' q'cj' . 'ku' c" r' j' { ulcem' { "utqpi' "v'kdg'y' kj' "hgt'v'kr'ncpf' u0'Hqt" c" y' j' kr' . 'y' g' { "f' k' "vughw'i'v'j' kpi' u'hqt" r' gqr' rg'cpf' "d'v'k'n' d'w'kf' kpi' u'y' cv'o' cf' g'r' gqr' rg'u'y' qtn'i'g'culgt'0J' qy' g'xgt' . "qxgt' v'ko' g' . 'y' g' { "f' k' "pqv'cr' r' t'gekc'v'g'y' g'ug'd'ng'uk'pi' u' i' k'xgp'v'q'j' go' "d' { "Cmcj' "cpf' "f' g'x'k'cv'gf' "lt'qo' "v'j' g'd'gr'k'gh'kp" o' qp'q'v'j' g'k'uo' 0'Vj' g' { "d'gi' cp'v'q'w'ug' "k'p'uk'w'k'q'pu' guv'cd'k'uj' gf' 'hqt' i' q'qf' 'hqt' v'j' g'gz'cev'qr' r' qu'k'g'r' wtr' qug'0Y' j' gp'v'j' g'r' gqr' rg'y' j' q'f' k' "pqv'k'v'p'v'q'j' g'cf' x'k'eg'qh' v'j' g' "Rt'qr' j' gv'J' wf "f' k' "pqv'i' k'xg'w' "v'j' g'k' "g'x'k'i'f' g'gf' u'f' gur' k'g'cm'v'j' g'y' ct'p'k'pi' u' . "Cmcj' "C'mo' ki' j' v' "ug'p'v'c" r' w'p'k'uj' o' gp'v'v'j' cv'y' q'w'f' "f' gp' { "v'j' g'k' "er'k'o' u'0'Vj' g' "h'q'tegu'v'j' g' { "d'q'cv'gf' "cd'q'w'y' g't'g' "qh'pq'w'ug' . "cpf' "v'j' g' d'w'kf' kpi' u'y' g' { "d'q'cv'gf' "qh'y' kj' "v'j' g'k' "o' ci' p'h'eg'pe'g'y' g't'g'f' guv'q' { gf' 0'R'gqr' rg'y' j' q' "d'gr'k'x'g'f' "kp' "Rt'qr' j' gv'J' wf " o' ki' t'cv'gf' "lt'qo' "v'j' cv't'gi' k'q'p'y' kj' "v'j' g'k' "r' t'qr' j' gv'0'

**Key Words:** Uvqt'k'g'u'qh'y' g'S wtcp. "Uvqt' { 'qh'Rt'qr' j' gv'J' wf . 'Rw'p'k'uj' o' gp'v'qh'v'kdgu'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### KUR'AN'IN BİREYSEL ÇABAYA VERDİĞİ ÖNEM THE QURAN'S GIVING IMPORTANCE TO MAN'S INDIVIDUAL EFFORTS

Mahmut ÖZTÜRK\*

Rtql0F t0J cttecp"©pkxgtukuguk" rcj kfcvHcmAnguk

#### ÖZET

Mwt)cp/, "Mgtko ) g" {gt"cnrp"muucrt"Ä gt kpf g'f gtlpigo gulpg'f Ä ÄpÄrf Ä Äpf g'dk±qnlj cnkncv'k±gtf kmgtk' i ¾ÄÄt0Dw) cnkncvgt"±qnlf ghc'km'qmwo cf c'eprev, m c{, r'f kmncv'kd'cpcrk' ki gt gmk'mno cmcf, t0Mwt)cp' xg'UÄppgv)kp'kpucp, p'O cf f'k'xg'o cpgxk'hc' cp, o rct'k±p'±cn, o cu, pc'f g gt'xgtf k k'dk'kpo gmgf k t0ö pucpc' cpecn'±cn v, ,p, p'hct ,n , 'xctf, t0c' { gv'k'p'vghuk'kuc' {, mdkrgegn'dk±qnlw' i wro c'j c' j tgv'k'O wj co o gf )p" j c' {cv, pf c'f c'xÄew'dwo w wt0Dw'de mco f c" urco 'cnko ngtk'ö Äo kprgtk'p'v'xg'm'Änf gp'¾peg'grk'pf g'i grrpk' { cr o crct, 'i gtgmk kpk'¾Ä ngo k ngtf k t0Mwt)cp'f c" {gt"cnrp"J c' j tgv'k'G' { wd"xg"J c' j tgv'k'O gt { go "muucrt, pf c" dw'j cnkncv'k'f q twr' {cp"mu, o rct"dw'wpo cmcf, t0"J c' j tgv'k'G' Är "W) wp" {, rct" f gxc o "gf gp"j cuvcn, mcp' mwt'wro cml'Ä gt g'j cnrk'k'c'mej )'ct| "gw'k' kpf g'0| Äeg'C'mej "qpc'öc' { c ,p, " {gtg'xw'to'f'k'g'go tgf gt0J c' j tgv'k' G'Är "C'mej )p" go tkpk' {gtk'p'g' i g'v'k'f k' kpf g'c' {cmct, p, p'f k'k'p'f g'dk"uw'nc' {pc , "qnv wt0'Qpw'k±gt"qpwr'c' {, ncp, t"xg"u, j j cv' dw'wt0'Mgl c"J c' j tgv'k'O g' tgo "f q wo " {cr o cml'Ä gtg" gj k'f, , pf c" v'p'j c" dk" {gtg' ±gnrk'f k' kpf g'c'±n'k'x'g'uw'w) nwmcp'dkcr 'f Ä gt0'Qpw'dw| qt'cp, pf c' | Äeg'C'mej 'mwt'w) wto c'f cnp, 'ngpf k'p'g' f q tw' ukmg'g' f go gulpk' go tgf gt0' Dw' go tk' {gtk'p'g' i g'v'k'g'p'j c' j tgv'k'O gt { go )p" Ä gtk'p'g' mwt'w'j wto c' f cnpf cp'vr w' | g'o g' {xgrgt "f ¾ÄÄt0" I g'tgn'J c' j tgv'k'G' { wd'wp'c' { c ,p, " {gtg'xw'to cu, "i gtg'mug"j c' j tgv'k' O gt { go )p" mwt'w'j wto c' f cnp, "ngpf k'p'g' f q tw' ukmg'g'o guk' ng' dk'rkmg' k'c'nc' {pc , "dk"uw'±, n'ö cu, "xg" ngpf kulpg'w' | g'o g' {xgrgtk'p'k'xg'tko guk'ctcu, pf c' f q tw' cp'dk"ugdgr "uqpw±"k'k' nkuk'qmo cf, , "qtvcf cf, t0' F k gt'dk'k'hc'f g'ng' {Äeg'C'mej "f k'gug"J c' j tgv'k'G'Är "c' { c ,p, " {gtg'xw'to cf cp'xg"J c' j tgv'k'O gt { go "j wto c' f cnp, "ngpf k'p'g' f q tw' ukmg'g'o gf gp'f g"C'mej "qprtc'k'ntco f c' dw'wpedk'k'f k'0| Äeg'C'mej )p" qprtc' dw' go k'ngt'k'xg'to gulpf g'dk'p'ko g'v'w'rc o cnkncv'k'nk' k'p'k'p'dk'g' {ug'ndk'±cdc'ucth'g'o guki gtgmk' k'uqpwew'qtvc' {c' ±, n'ö cmcf, t0O Ängu'k'ngt'p'±q w'f c'j cf kug' {k'dw' gnk'f g' {qtwo mco , rctf, t0'

Anahtar Kelimeler: Mwt)cp' Muucrt, .J | 0G' { wd. 'J | 0O gt { go . "Dk'g' { ugn'±cdc'

#### ABSTRACT

Y j gp' {qw'vj kpn'f ggr n' {cdqw'vj g'uv'kt'ku'lp'vj g'J qn' 'S wtcp. " {qw'ecp'ugg'vj cv'vj g' {eqpv'k'p'o cp' { "tw'wj u0' Vj gug' 'tw'wj u'ctg' qh'ng'p'qv'g'zr m'k'p'g'f "cv'kt'uv'tgcf kpi "cpf "tgs vkt'g'ect gh'w'c'p'cn' {uku0'k'ku'np'qy p'vj cv'vj g' S wtcp'cpf "vj g'Uwppcj "xcnw'g'r gqr ng'u'y qtm'ht' o cvgt'kn'cpf "ur k'k'w'cn'i c'kpu0O cp' { r' t'ceve'gu'vj cv'ecp'dg' eqpuk' g'g'f "cu'cp'g'zr m'p'cv'k'ap'qh'vj g'xgtug'\$C'r g'tuq'p'ku'q'pn' {tgy ctf gf 'hqt'y j cv'j g'y q'tnu' hqt'\$y g'g'cnuq' h'qwpf "k'p'vj g'rh'g'qh'vj g'Rtqr j g'v'O wj co o cf 0'k'p'vj ku'eqpv'z.v. Kuro k'uej q'rtu'j cxg'uckf "vj cv'dg'rh'g'xgtu' uj q'w'f "f q'vj g'k' d'guv'dgh'gt' 'tw'w'k'pi "vj go ugr'k'g'u0'Vj g'tg'ctg'r ct'w'lp'vj g'uv'kt'ku'qh'Rtqr j g'v'Lqd'cpf "O ct { "k'p'vj g'S wtcp'vj cv'eqp'ht'o "vj ku't'w'j 0'Y j gp'Rtqr j g'v'Lqd'r t'gug'p'gf "j ku'uk'w'cv'k'p'v'q'C'mej "k'p'q'tf g't'v'q' i g'v' tkf "qh'vj g'k'mp'gu'u'vj cv'eqpv'k'p'w'gf "hqt"o cp' { " {gct' .C'mej "C'mo k'j v' { "uckf "v'q'j ko . "\$Uco r " {qwt'h'qq'v'qp'vj g' i tqwpf #s"j g'eqo o cpf u0'Y j gp'Rtqr j g'v'Lqd'h'w'k'ng'f "I qf )u'eqo o cpf . "c' uq'w'eg'qh'y cvgt'h'qto gf "cv'j ku' hgg'0J g'f t'k'p'm'k'y kuj gu'y k'j 'k'v'cp'f 'k'p'f u'j g'cmj 0N'ngy kug.'y j gp'J c' j tcv'O g' tgo 't'g'v'g'cv'gf "v'q'c'ugen'w'f gf " r'nc'eg'q'w'uk'f g'vj g'ek'v' "v'q' i k'xg'dk'vj . "uj g'dgeco g'gzj cw'ng'f "h'qo "j wpi gt'cpf "vj k'tu0'k'p'vj ku'f k'h'ew'n' o qo gpv."C'mo k'j v' { "C'mej "eqo o cpf u'j ko "v'q'uj cng'vj g'f t' { "r'cm "d'tc'pej "v'qy ctf u'j ko ugr'0'Y j gp'vj g' Xki k'p'O ct { "h'w'k'mu'vj ku'eqo o cpf . "h'g'uj "h'w'ku'h'qo "vj g'f t'k'gf "f cv'g'd'tc'pej "ctg'r qwt'gf "qp"j gt0' "k'ku' qdx'k'q'w'vj cv'vj g'g'ku'p'q'f k'ge'v'ec'w'ug'cpf "gh'ge'v't'g'r'v'k'p'uj k'r "d'g'y ggp'Rtqr j g'v'C' { wd'w'co r kpi "j ku'h'qq'

\*"Rtql0F t0J cttecp"©pkxgtukuguk" rcj kfcvHcmAnguk"727967: 877"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

qp"yj g"i tqwpf"qt"Xki kp"O ct{"uj cnkpi "yj g"ft{"r cm "dtepej "vqy ctf u"j gtugrh"tguwnkpi "kp"j gcnkpi "y cvgt" cpf "dglpi "i kxgp"ku"ht guj "htwku0kp"qvj gt"y qtf u."khl qf "Cm ki j v{"y kuj gf."J g"eqwrf"j cxg"qhhtgf "yj go " vtgcwuy kj qw"Rtqr j gv"lqd"uwo r kpi "j ku"lqqv"qp"yj g"i tqwpf"cpf "y kj qw"J c| tv"O ct{"uj cnkpi "yj g"r cm " dtepej "vqy ctf u"j gtugrh0Vj g"lcev"yj cv"Cm ki j v{"Cmej "i cxg"yj go "yj gug"eqo o cpf u"uj qy u"yj cv"e"r gtuqp" o wuv'o cng"cp"kp"lxf wcn"ghhtv"kp"qtf gt"vq"cwckp"e"dnkuipi 0O quv"qh"yj g"eqo o gpxvqtu"lpxvtr tgvgf "yj g" kpekf gpv"kp"yj ku"y c{"

**Key Words:** 'S wtcp"uqtkgu."J | 0C {"wd."J | 0O gt{go ."kp"lxf wcn"ghhtv"

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## TİMASHELF'DE DEVLET HUKUKU TOPLUMSAL HUKUK AYIRIMI STATE LAW AND SOCIAL LAW SEPARATION IN TIMASHELF

Z. Gönül BALKIR

Rt qI0Ft0 uc pdwlC{f ,p"©pkxgt ukxguk'J wmwñHcnñxguk uc pdwn'Vñt nkñ gO'

QTEKF "KF <2222/2225/2932/: 597"

Gülbahar KESKİN"

Ft0'J crk±"©pkxgt ukxguk'Uc n,miDtko rgt k'Henñxguk'kuc pdwl'Vñt nkñ gO'

QTEKF "KF <222222244: '8; 35: 5"

### ÖZET

O qf gtp"j wmwñuqu{qñlkuklp"mwtewrct,pf cp"uc { ,rcp."T wu"J wmwñuqu{qñk w'P lej qñu"U0'Vko kuj grh" 3: : 8/3; 92" ,mct, 'ctcu,pf c" c co , vt0'Vko kuj grh" j wmwñw'vqr nwo ucn'dq { wwf r'ki krgpgt gm'i gt+gm'kdk" j wmwñvgqtuk'i grk vto g{g"±cn o , vt0'J wmwñdkko kpk'co ce., j wmwñpqto rct,p, 'kpegrgo grñqnr . j wmwñ uqu{qñlkuklp"nqpwuw'kug"lkpucpct,p"vqr nwo ucn'f cxtcp, rct,f,t0'J wmwñuqu{qñlkuklp"vgo grñ { 3/4vgo k" pgf gpugn'kpegrgo gf k0"

Vko kuj grh" j wmwñuqu{qñlkuk' { cmc ,o ,pf c." f gxrjv' j wmwñw." vqr nwo ucn' j wmwñqño cñi Ñ gtg" knk' vñt" j wmwñ xctf ,t0' Vko kuj grh" i 3/4g." f q twf cp" f gxrjv' vctch,pf cp" { ctcv,rcp" j wmwñ" f gxrjv' j wmwñw' vt0' Vqr nwo ucn' f Ñ gp" f g." r gm' ±qm' knk' ct" { cr ,u, "xg" dwpct" ctcu,pf c" j kñ gtct kn'kk nkrgt" dwmpo cmcf ,t0' Vqr nwo f cnk' j gt" knk' ct" { cr ,u,p,c." dk" j wmwñ' f Ñ gp' k' f gm' f Ñ gt0' mk' ct" { cr ,mct, "ctcu,pf cnk' j kñ gtct k" j wmwñcn' f Ñ gp' rgt "ctcu,pf c" f c" j kñ gtctuk' { ctcv,t0'F gxrjv." vño " knk' ct" { cr ,mct, "ctcu,pf c." gp" Ñw'g" { gt" cnt0' Dw'pgf gp' rgt f q twf cp' f gxrjwgp' ucf ,t' qñp" { c' f c' f gxrjv' vctch,pf cp" hñdwi'gf krgp' j wmwñmwtcmct, 'i kdk' f gxrjv' j wmwñw' f c." j wmwñw' j kñ gtct kn'lkretcm" gp" Ñw'vcdncñu,p, "qñw wtwt0'

Vqr nwo ucn' { cr , 'kñpf grñ'vqr nwo ucn' i tw rct,p"mwtcmct, "qñrcen'vqr nwo ucn' j wmwñ" f gxrjv' j wmwñw'qño c { cp" j wmwñwt0' Vqr nwo ucn' j wmwñ" { c c { cp." ±q w" | co cpf c" { c | ,n" qño c { cp" j wmwñwt0' Vqr nwo " vctch,pf cp" | co cp' kñpf g" { ctcv,nt0Mgp' k'ctcu,pf c" qvppqo ' j wmwñxg' 3/4h'xg' cf gv' j wmwñw'qñrcen'knk' g' c { t,nt0Qvppqo " j wmwñnk k'xg' i tw rct,p' f q twf cp' hq' { f w w' mwtcmct "qñrcen'vcp,o rcpdckrtngp. 3/4h'xg' cf gv' j wmwñw. 3/4h'xg' cf gv' rgtk'p. w' wp" dk' uñg" cth,pf c" vqr nwo ucn' { c co " f c" mwtcmct, m cu, "uqpwew'qñw wt0'

Vko kuj grh" i 3/4g" 3/4i Ñwñ" qño c { cp" dk" vqr nwo ucn' gm'krg ko " uqpwew' qñw { c" ±,ncp" dk" mwtcn" r qj kñi" o gv' rgt f g" { gt" cm cuc" dkrg. 3/4h'xg' cf gv' j wmwñw'qñrcen' hñdwi'gf krt0" th'xg' cf gv' j wmwñw'qño cp,p"cu,n' nq wñw" f gxrjv' j wmwñw' f c" dw' mwtcmct" f q twf cp" { gt" xgtkro guk' f g kn" mwtcmct" vqr nwo " vctch,pf cp" hñdwi' gf kñ guk' f guvgn'gp' guk' xg" { cti , " o gtekr'gtk'p" f qñc { n" qñc" f c" dw' mwtcmct" vcp,po cu,f ,t0" vñ" { cpf cp" vqr nwo ucn' j wmwñw" i g±gt'rtk k" f gxrjv' vctch,pf cp" vcp,pf , , 3/4ññf g" o Ño mñp' Ñ0' Vko kuj grh" i 3/4g." ±qm'wñc" f qñc { n" qñc" dw' vcp,o c { r" f gxrjv' j wmwñw." vqr nwo ucn' j wmwñw" i g±gt'rtk k'p'p" u,p,t'rcct,p, " dg'rtgo k " qñm0"

"Anahtar Sözcükler:" F gxrjv' j wmwñw." Vqr nwo ucn' j wmwñw'qño qñw'Ney ± 3/4h'xg' cf gv' j wmwñw" ewuqo ct { 'rcy +0'

### ABSTRACT

Qpg'qh'v' j h'qwpf gtu'qh'o qf gtp"rgi cn'uqekqñi { . "T wu'kcp"rgi cn'uqekqñi ku'P lej qñu"U0'Vko kuj grh"ñkxg' " dgw ggp"3: : 8/3; 920' Vko kuj grh" v'kgf "vq" f gxrjv' "c" t'gcrk'vle"rgi cn'v' ggt { "d { " f gcrk'p" y kj "v' j g" uqekcn' f lo gpukqp"qh'rcy 0'Vj g" r wtr qug"qh'rgi cn'uelgpeg"ku"vq"gzco kpg"rgi cn'pqto u." cpf "v' j g" uwdlgev'qh'rgi cn' uqekqñi { "ku" v' j g" uqekcn' dgj c'xkqt" qh' r gqr rñ0' Vj g" dcule" o gyj qf "qh' v' j g" uqekqñi { "qh' rcy "ku" ecwucn' kpxguki cvkqp0"

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Kp"Vlo kuj grh"cr r tcej "v"vj g"uqekmji { "qh"rcy . "yj gtg"ctg"vy q"v{r gu"qh"rcy <"ucvg"rcy "cpf "uqekn"rcy O' Ceeqtf kpi "v"Vlo kuj grh"vj g"rcy "etgcvf "f kt gev" d{ "vj g"ucvg"ku"ucvg"rcy O'Kp"vj g"uqekn"qtf gt. "yj gtg"ctg" o cp{ "r qy gt"utwewtgu"cpf "j kgtcej kcn'tgrvkapu"dgvy ggp"vj go O'C"ngi cn'qtf gt"eqttgur qpf u"v"gxgt { " r qy gt"utwewtgu"kp"uqelgv O'Vj g"j kgtcej { "dgvy ggp"r qy gt"utwewtgu"cnu"etgcvu"c"j kgtcej { "dgvy ggp" ngi cn'qtf gt u'Vj g"ucvg"ku"cv"vj g"vqr "qh"cm'r qy gt"utwewtgu O'Hqt "vj ku'tgcuqp. "ucvg"rcy . "rkn"vj g"twgu"qh" rcy "f kt gev" "htqo "vj g"ucvg"qt"ceegr vgf "d{ "vj g"ucvg. "eqpukwgu"vj g"j ki j guv"j kgtcej kcn'rc { gt"qh"rcy O'

Cu"vj g"twgu"qh"uqekn'i tqwr u'y kj kp"vj g"uqekn"utwewtgu. "uqekn"rcy "ku"vj g"rcy "y kj qw"ucvg"rcy O'Uqekn" rcy "ku"tkkpi . "qhn"p"vpy tkwgp"rcy O'K'ku'etgcvf "d{ "uqelgv" qxgt "vko gO'K'ku'f kxf gf "kp"v"y q"cu'cwqppqo qwu" rcy "cpf "ewuqo ct { "rcy O'Y j kg"cwqppqo qwu"rcy "ecp"dg"f ghp"gf "cu"vj g"twgu" f kt gev" "ugv"d { "kpf kxf wcu" cpf "i tqwr u. "ewuqo ct { "rcy "ku"htqo gf "cu"c'tguwn"qh"vj g"wg"qh"ewuqo u'cpf "ewuqo u'kp"uqekn"rkg"qxgt"c" rpi "r gtkqf "qh"vko gO'

Ceeqtf kpi "v"Vlo kuj grh"c"twg"vj cv'go gti gu"cu"c'tguwn"qh"wpqti cpk gf "uqekn"kpvtcevkap"ku"eqpukf gtgf" ewuqo ct { "rcy . "gxgp"kh'k/ku'pqv'kpenf gf "kp"r qukkxg"vgzwO'Vj g"o ckp"eqpf kkp"ht"dgkpi "c"ewuqo ct { "rcy " ku'pqv"vj cv"vj ku'twgu"ku'f kt gev" "kpenf gf "kp"ucvg"rcy . "dw"vj cv"vj g"twgu"ku'ceegr vgf "cpf "uwr r qt vgf "d { "vj g" uqelgv { "cpf "vj cv"vj g"lwf kcn'cwj qtkkgu"tgeqi pk g"vj ku'twgu. "cnl'gk"kp'f kt gev" O'Qp"vj g"qvj gt"j cpf . "vj g" xcrkf kx' "qh"uqekn"rcy "ku'r quukdr"v"vj g"gzv'p'vj cv'k/ku'tgeqi pk gf "d { "vj g"ucvg O' Ceeqtf kpi "v"Vlo kuj grh" y kj "vj ku'tgeqi pkkqp. "y j lej "ku"o quwn' "kp'f kt gev. "ucvg"rcy "f gvgto kpgu"vj g"rko ku'qh"vj g"xcrkf kx' "qh"uqekn" rcy O"

**Keywords:** "Ucvg"rcy . "Uqekn"rcy . "Cwqppqo qwu"rcy . "ewuqo ct { "rcy O'

522"

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## MERTON'DA ANOMİ KAVRAMI THE CONCEPT OF ANOMIE IN MERTON

Z. Gönül BALKIR

Rtql0Ft0 ucpcdwIc{f ,p"©pkxgt ukxguk'J wmwIHCmÃnguk ucpcdwI'VÃtnk'g0'

QTEKF "KF <2222/2225/2932/: 597"

Gülbahar KESKİN"

Ft0'J crk±"©pkxgt ukxguk'Uc n,mI Dtko rgt k'HcmÃnguk'kucpcdwI'VÃtnk'g0'

QTEKF "KF <222222244: '8; 35: 5"

"

### ÖZET

J wmwI' uqu{qmIklupf g" cpqo k'nextco ,pc" ner uco n" dk" vep,o rno c." kmI qrtcmI F wtnj glo " vetch,pf cp" {cr ,m , vt0'F wtnj glo øg"i ¾g." dktg{lp"fq cu,pf cp"i grgp"dgpeknkn'xg"u,p,tu,| "ct| wrct."f gpgvko "cm,pc" cnpo c| uc."vqr nwo rno"dc ,p" | c{ ,hro cu,pc"pgrgt"qmwngp."mwcmct"cpico ,p," {kktk0'Vqr nwo ucn'de rct,p" {kktkn guk'rg'qtvc{c±,nep"dw'pqto uw' nwnI{c'f'c'mwcm,| n c."cpqo k'cf , 'xgtkrt0'Vqr nwo ucn'f g k lo rgtlp" nqu'qtvc ,pf c'qtvc{c±,nep"cpqo k'vqr nwo w'dc rno{cp'ej rnk'dc rct,p" | c{ ,hro cu, {r."dktg{lp"vqr nwo f cp" nqr o cu,"vqr nwo c" {cdepe,rno o cu,"xg" c ,t,"dktg{ugmg o guk'p" {qnl'±o cmcf ,t0"

\ co cp"klupf g."cpqo k'nextco ,p,p"cpico ,p,p"fg k gtm'ner uco ,p,p"i gpk rgt k k'i ¾Ãno gmgf kt0O gtvqp." cpqo k'nextco ,p," F wtnj glo øf gp'f c'j c'htcm,"dkt' dkt'o f g'grg'crtcm'cpqo k'qni wuw'w' mÃm'Ã'htcm,rno o cu," uqpwew."pqto "xg"fg gtrgtf g'qtvc{c±,nep"net, ,nm,metf c."nk kgtlp"j cpi k'pqto w'ncdw'gf gdlrgegmgk'p" f ckt" dgrtkuk' rknI'f wwo w' qrtcmI' vep,o rno cmcf ,t0' O gtvqpøwp" cpqo k'nextco ,." vqr nwo f c" dgpk' ug{gp" co c±rctr." dw' co c±rct, " i gt±gmng vkt'kegnI' {qnet" ctcu,pf c." nk kgtf g" qtvc{c±,nep" w{wo uw' nwnct" uqpwewpf c'qno o cmcf ,t0"

O gtvqpøwp"cpqo k'vgqtuk"j go "uw±nw' w'j" go "fg"vqr nwo ucn' {cr , { , "dkt'knmg"fg gtrgtf k'f k k'klup."±qnl'f c'j c" i gpk "dkt' r' gtr gmkn'uwpo cmcf ,t0O gtvqp"cpqo k'±cn o cu,pf c."vqr nwo ucn' {cr ,p,p"uqu{qmI'knk±,f cp"uw±" nextco ,p,"kf grgo k vkt0'D¾ rgeg."vqr nwo wp"dgrkrgo k "qrf w w'j gf ghrgt g"wr o cmc."vqr nwo "vetch,pf cp" dgrkrpgo go k "fextcp, rct,p" nwncp,m cu,p,p" | qtwpnw'qrf w w'f wto rctf c."vqr nwo ucn'xg" mÃm'Ã'gnI' {cr , " ctcu,pf c'qtvc{c±,nep" , nwnct,p'uw±w'dgungf k k'pk'kur cwrco c{c±cn o , vt0"

Vqr nwo ucn'xg"mÃm'Ã'gnI' {cr , "ctcu,pf c'w{wo uw' nwnI' cngt'p'f g'qtvc{c±,nep"cpqo k'f g."w{wo uw' nwnI' chki' f Å g{f g"lug"vqr nwo "vetch,pf cp"i k'f g'k'k'0' k'f g'v'k'dk"cpqo k'f g"lug."f c'j c'f g'k'p'tej cu, | nwnct" xg"ucr o c" fextcp, rct,p,"qtvc{c±,nep"0'Vqr nwo ucn' {cr , "kg"mÃm'Ã'gnI' {cr , "ctcu,pf c'w{wo "xctuc."vqr nwo "f gpi grk'k'0' [ cxc "dkt'fg k lo "qnc'f c'vqr nwo ucn' {cr ,fg k lo k'f c'j , | n'xg'qpwk' rgt gp"mÃm'Ã'gnI' {cr , "lug'f c'j c" {cxc " fg k k'0'

Cpqo k'lp" ctv ,p,p" dc| , " i ¾vgti grgtg" k'k' nkrp'f k'kn guk'p'f g." vqr nwo " rkt'grgt'lp" i gtm'p'k'lo rgtg" f w{ctu, | n ,." j gf ghrgt'p" i gt±gmng go g{geg k'f w{wuw." j gf ghrgt'p" w' cmc o c" f w{wuw." ±ctguk' rkn" dktg{ug'f guv'gm" {qnuw'p'nmI' f w{wuw"¾pg"±,no cmcf ,t0' O gtvqpø"i ¾g"vqr nwo ucn'de ct,p,p" o cf f k' {¾p'ngt'lpk' xwti wr {cp."dwpc" net ,nmI' nwtwo ucnc o , "ctc±rct,p" f c ,no ,pf c" xg" nwncp,o ,pf c" cf cng'k' uc rno c'cp" vqr nwo rct." k'ngt" k'ng'go | " dgpk' ugvo g{g" ±cn vwnct," pqto rctf cp" ucr cp" fextcp, rct," f q wtrct0'

Anahtar Sözcükler: Cpqo k' Cpqo k'Vgqtuk'P qto uw' nwn' mÃm'Ã'htcm,rno o cu,0'

### ABSTRACT

C"eqo rgtj gpuk'g" f gh'p'k'k'p" qh' v'j g" eqeegr v' qh' cpqo k'g"lp" v'j g" uqek'q'ni { "qh' rny "y cu" hktuv" o cf g" d { " F wtnj glo 0' Ceeqtf k'p' "vq" F wtnj glo . "ug'rkuj pguu" cpf "wprko k'gf "f guk'gu"lpj gt gpv'lp" v'j g"lp'f k'k'f wcn'iqug"



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vj gk "o gcpkpi . 'y j kg'y j cv'j cr r gpu"vq"vj g'y gcnpgkpi "qh'vj g"dqpf 'y kj "uqelgv' "nugu"ku'o gcpkpi "kh'k'ku" pqv'eqpvtqmgf 0Vj ku'pqto nguupguu'qt "ktgi wctkv' "ecwugf "d{ 'vj g"nqu'qh'uqelcn'vku'ku'ecmgf "cpqo kg0Vj g" cpqo kg" vj cv' go gti gu"kp" vj g"ej cqu" gpxktqpo gpv'qh'uqelcn'ej cpi gu"rgcf u"vq" vj g" f gcej o gpv'qh' vj g" kpf kxf wcn'htqo "uqelgv' . "cnpgcvkp'htqo "uqelgv' "cpf "gzeugkxg" kpf kxf wcn' cvkp'y kj "vj g'y gcnpgkpi "qh' vj g'o qtcn'vku'vj cv'dkpf "uqelgv' 0"

Qxgt 'ko g. 'k'ku'uggp"vj cv'vj g'o gcpkpi "qh'vj g"eqpegr v'qh'cpqo kg'j cu'ej cpi gf "cpf 'ku'ueqr g'j cu'gxr cpf gf 0' O gtvqp. "eqpukf gkpi "vj g"eqpegr v'qh'cpqo kg'f khtgtpv' "htqo "F wtnj glo . "f ghkpgu"vj g'rj gpqo gpqp"qh' cpqo k"cu"cu"ucv'g"qh'wpegtcvkv' "cdqw"y j lej "pqto "r gqr ng"ecp"ceegr v'kp"vj g"eqphwukpu"vj cv'ctkug"kp" pqto u'cpf "xcnugu"cu'c'tguwn'qh'ewwncn'f khtgtpv'cvkp'0O gtvqp"u'eqpegr v'qh'cpqo kg'ku'htqo gf "cu'c'tguwn' qh'kpego r cvdkk'vku'dgvy ggp"vj g"i qcnu'cf qr vgf "kp"uqelgv' "cpf "vj g'y c{ u'kp"y j lej "vj gug"i qcnu'y km'dg' tgrk' gf 0"

O gtvqp)u"cpqo kg"vj gqt { "qh'gtu"cu"o wej "dtqcf gt"r gtur gevkg. "cu'k'v'eqpukf gtu'dqv' "vj g"etko kpcn'cpf "vj g" uqelcn'utwewt g"vqi gvj gt0' k'j ku"uwf { "qh'cpqo kg. "O gtvqp"gzco kpgf "vj g"eqpegr v'qh'etko g"htqo "c" uqelqmqi kecn' kqpv'qh'xkgy "qh'uqelcn'utwewt g0Vj wu. 'j g'v'k'gf "vq"r tqxg'vj cv'vj g"eqpvtcf kvkpu'dgvy ggp"vj g" uqelcn'cpf "ewwncn'utwewt g"ggf "vj g"etko g"kp"ecugu'y j gt g"ku'pgeguuct { "vq"vug'dgj cxkqtu"vj cv'ctg"pqv' f gvto kpgf "d{ 'vj g"uqelgv' "kp"qtf gt"vq"cej kxg'vj g'i qcnu'f gvto kpgf "d{ 'vj g"uqelgv' 0"

Vj g"cpqo kg"vj cv'qeevu"kp"ecugu"qh'kpego r cvdkk'vku'dgvy ggp"vj g"uqelcn'cpf "ewwncn'utwewt g"ku"cnq" grko kpcv'gf "d{ 'vj g"uqelgv' "kh'vj g"kpego r cvdkk'vku' "ku"o kf 0'k'c"ugxgtg"cpqo kg. "f ggr gt "f kwwtdcpegu"cpf " f gxkcvkp"dgj cxkqtu"qeevt0'k'vj gtg"ku"j cto qp{ "dgvy ggp"vj g"uqelcn'utwewt g"cpf "vj g"ewwncn'utwewt g. " vj g"uqelgv' "ku"dcn'pegf 0'cnj qwi j "vj gtg"ku"cu"unqy "ej cpi g. "vj g"uqelcn'utwewt g"ej cpi gu'hcugt"cpf "vj g" ewwncn'utwewt g'vj cv'hmjy u'k'ej cpi gu'o qtg'unqy n' 0'

k'cuuqelcvkpi "vj g"ketgcug"kp"cpqo kg"y kj "uqo g"kp'kcvqtu. "vj g"kpugpukxk'v' "qh'eqo o wpkv' "rgcf gtu"vq" pggf u. "vj g"hggrkpi "vj cv'i qcnu'ecppqv'dg"cej kxg'f. "vj g"hggrkpi "qh'o qxkpi "cy c{ "htqo "i qcnu. "j grr nguupguu. " cpf "vj g"hggrkpi "qh'wcn'qh'kpf kxf wcn'uw' r qt v'eqo g"vq"vj g"htg0' Ceeqtf kpi "vq"O gtvqp. "uqelgv'ku"vj cv' go r j cuk' g'vj g'o cvgtkn'cur gew'qh'uqelcn'uweegu. "dw'f q"pqv'r tqxk'f g'lwuk'eg"kp"vj g'f kntkdwkqp"cpf "vug" qh'kpukwkwqpcrk' gf "vqnu. 'kpgxkcdn' i kxg'dk'vj "vq"dgj cxkqtu'vj cv'f gxkcv'htqo "vj g'pqto u'vj g' { "vq"cf qr 0'

**Keywords:** Cpqo kg. 'Cpqo kg'Vj gqt { . 'P qto nguupguu. 'Ewwncn'F khtgtpv'cvkp'0'

"  
"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### HATAY HASSA'DAN SELEKSİYON ISLAHI İLE BELİRLenen FARKLI YABANI ZEYTİN (*OLEA EUROPAEA* L. SUBPS. *OLEASTER*) ANAÇ ADAYLARI ÜZERİNE AŞILANAN DOMAT ZEYTİN ÇEŞİDİNİN FİDAN GELİŞİM PERFORMANSLARININ BELİRLENMESİ

#### DETERMINATION OF SAPLING DEVELOPMENT PERFORMANCES OF DOMAT OLIVE CULTIVAR GRAFTED ONTO DIFFERENT WILD OLIVE (*OLEA EUROPAEA* L. SUBPS. *OLEASTER*) ROOTSTOCK CANDIDATES DETERMINED BY SELECTION BREEDING FROM HATAY HASSA

Dr. Yazgan TUNÇ<sup>1</sup>

<sup>3</sup>Vct,o 'xg'Qto cp'Denepn ,. 'Vct,o ucn'Ctc vto crct 'xg'Rqrkknrcrt 'I gpgn'O Āf ĀtrĀ Ā 'J cvc{'  
 \ g{ vpkpkn'Ctc vto c 'GpknkĀuĀ'O Āf ĀtrĀ Ā 'J cuuc" ucu{ qpw: "53922." J cuuc." J cvc{. "VĀtnk{ gO'  
<sup>3</sup>QTEKF "KF <j wru<llqtekf Qti D222/2224/544: /: 879"

Ziraat Yüksek Mühendisi Sefer DEVİREN<sup>2</sup>"

<sup>4</sup>Vct,o 'xg'Qto cp'Denepn ,. 'Vct,o ucn'Ctc vto crct 'xg'Rqrkknrcrt 'I gpgn'O Āf ĀtrĀ Ā 'J cvc{'  
 \ g{ vpkpkn'Ctc vto c 'GpknkĀuĀ'O Āf ĀtrĀ Ā 'J cuuc" ucu{ qpw: "53922." J cuuc." J cvc{. "VĀtnk{ gO'  
<sup>4</sup>QTEKF "KF <j wru<llqtekf Qti D222/2224/6: 54/9246"

Prof. Dr. Kadir Uğurtan YILMAZ<sup>3</sup>

<sup>5</sup>Mcj tco cpo etc "UĀ±Ā" o co "Opkxgtukguk \ kccv'HcnĀnguk 'Dcj ±g'Dknkrkt'D'ĀĀ Ā '68322."  
 Qpknk wdcv: "Mcj tco cpo etc . "VĀtnk{ gO'  
<sup>5</sup>QTEKF "KF <j wru<llqtekf Qti D222/2223/9: ; 9/5: ; : "

#### ÖZET

\ g{ vpkpkn'Ctc vto c 'GpknkĀuĀ'O Āf ĀtrĀ Ā 'J cuuc" ucu{ qpw: "53922." J cuuc." J cvc{. "VĀtnk{ gO'  
{ cr ,m cncf ,t0'Dw±cn o cf c "ugrgmk{ qp",urc j , "kr{ dgrkrgppg" { cdcpk' g{ vpkpkn'Ctc vto c 'GpknkĀuĀ'O Āf ĀtrĀ Ā 'J cuuc" ucu{ qpw: "53922." J cuuc." J cvc{. "VĀtnk{ gO'  
Āo k' xcf gf gp "i gpqvr "xg" vgn'vgnkn'cpc±" qrcp "I go rkn' g{ vpkpkn'Ctc vto c 'GpknkĀuĀ'O Āf ĀtrĀ Ā 'J cuuc" ucu{ qpw: "53922." J cuuc." J cvc{. "VĀtnk{ gO'  
ucf geg" c , "kr{ ±q cn ,rcp "F qo cv" g{ vpkpkn'Ctc vto c 'GpknkĀuĀ'O Āf ĀtrĀ Ā 'J cuuc" ucu{ qpw: "53922." J cuuc." J cvc{. "VĀtnk{ gO'  
hf cp" c ,rcp , vto J gt "nqo dlpku{ qpf c" vqr rco "67" cf gv" c ,n "hf cp" { gt" cm , vto C ,rcp crct "3" { c n'  
i gpqvr rgtg" { co c' i 3/4 " c ,u , { 3/4 go k' mrcp ,rcm7/37 "P kucp" 4245 "vctkj rgtk'ctcu, pf c" i gt ±gmg vkrk k vto'  
Mqo dlpku{ qprtf cnk' o qthqnlkn' 3/4 ±Āo rgt "xglvcu{ qp" r gtk' qf w' uqpwpf c" \*Mcj ,o "4245+" { cr ,m , vto'  
D3/4 rgeg" nqo dlpku{ qprtf cnk' hf cp" i grk ko "r gthqto cpu, p, p "VWMG[ "qtvrco c' nct ,rc vto c' vgnk' xg" ±qnl'  
f g k ngprk' cpcrk' { 3/4 go rgtk' hrcp ,rcm7/37 "c' nqpwrcu ,co c ±rcp , vto D'w' dc rco f c' hf cp" w' vprw w'  
4; B9ĀB4Ā6" \*530 ĀĀ8" P qāw" I gpqvr + kr{ 88Ā2Ā: 02" eo " \*530 B8B6" P qāw" I gpqvr + ctcu, pf c"  
f g k o k vto' Vgo gn' dkr{ gprgt "cpcrk' kpg" i 3/4 g. " qp" dk " vgo gn' dkr{ gp" vqr rco " xct {cpu, p" " 322 ĀpĀ'  
c ±, mco , vto' D'k' lpek' dkr{ gp" \* 49Ā+ " knkpek' dkr{ gp" \* 3: 0+ " xg" Ā ±ĀpeĀ' dkr{ gp" \* 380+ " vqr rco "  
xct {cpu, p" " 84(62), p, " vgo uki' gvo gmgf k' O' Mqt grcu{ qp" o cvtkuk' cpcrk' kpg" i 3/4 g. "cpc±" w' vprw w' kr{ hf cp"  
w' vprw w' ctcu, pf c "t? 2Q ; , , , +xg" { cr tcn' v' c' ,tn , "kr{ { cr tcn' m' w' c' ,tn , "c {p, " xgtk' n' Āo gulpf g" { gt" cm cncf ,t0' [ cr ,rcp" cpcrk' "  
{ cr tcn' v' c' ,tn , "kr{ { cr tcn' m' w' c' ,tn , "c {p, " xgtk' n' Āo gulpf g" { gt" cm cncf ,t0' [ cr ,rcp" cpcrk' "  
uqpwepf c" u, tcu, { rc" 530 078: . "530 B8B5. "530 Ā506. "530 B8B6. "530 B8B8. "530 Ā908. "530 Ā08: . "  
530 Ā08: . "530 B8B4 "xg" 530 Ā08: " pwo cten" i gpqvr rgtk' cpc±" qrcm' mrcp ,rcdkkrk k' { Āmgn' qrcp' rct "  
qrf w' w' dgrk' rppo k vto' D'w' ±cn o c "dgp' gt "nqpwrcf c" ±cn cecm' ctc vto ce, rctc" { qnl' i 3/4 rgt gegnl' xg" cpc± "  
cf c { , "ug±o kpf g" gwkrk' qrcem, t0'

Anahtar Kelimeler: "Cpc±" ±qnl' g k ngprk' cpcrk' . hf cp" i grk ko k "ugrgmk{ qp", urc j , " g{ vpkpkn'Ctc vto c 'GpknkĀuĀ'O Āf ĀtrĀ Ā 'J cuuc" ucu{ qpw: "53922." J cuuc." J cvc{. "VĀtnk{ gO'

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**Teşekkür:** Dw'±cn o c"VĖ0'Vct,o "xg"Qto cp"Dcnēpn , "Vct,o ucn'Ctc vto cmt"xg"Rqrkknēmt"I gpgri O Ā ĀnĀ Ā'vctch,pf cp"f guvgmgo k vĥ0Rtqlg'P wo ctcu,<VCI GO IDDCF 10451C3 IR7 I78860

#### ABSTRACT

Qrĥxgu'ctg'gxgti tggp'cpf "o qtg'vj cp"; 9' "qh'vj gk'r tqf vevkqp"ku'ecttkgf "qww'lp'vj g'O gf kgttēpgep'dculp" eqwptlgu0'k'vj ku'uwf {"42"r tqo kuki "i gpqv'r gu'cpf "vj g'qpn' "tgi kvgtgf "tqqvuxqem"vj g'I go rkn'qrĥxg" ewnĥxct.'y gtg'wugf "co qpi "vj g'y kf "qrĥxg'tqqvuxqem'ēcpf kf cvgu'f gvto kpgf "d{ 'ugrēvĥqp'dtggf kpi 0F qo cv' qrĥxg'ewnĥxct.'y j lej "ku'r tqr ci cvgf "qpn' "d{ 'i tchĥpi . 'y cu'wugf "cu'vj g'i tchĥpi "dwf 05'tgr rēcvkqpu'cpf "37" ucr rĥpi u" y gtg" i tchĥf "lp" gcej "tgr rēcvkq0' C" vqcn' qh' 67" i tchĥf " ucr rĥpi u" y gtg" kpenw' gf "lp" gcej " eqo dĥcvkq0'Vj g'i tchĥpi "y cu'ecttkgf "qww'dgy ggp'7"cpf "37'Cr tkn'4245"qp'3/{ gct/qrf "i gpqv'r gu'wukpi " vj g'r cvej "dwf "i tchĥpi "o gvj qf 00 qtr j qnĥi kēcn'0 gcuwtgo gpv'lp'vj g'eqo dĥcvkqpu'y gtg'o cf g'cv'vj g'gpf" qh'vj g"xgi gvĥqp"r gkqf "P qxgo dgt"4245+0'Vj wu."k'y cu'clo gf "vq"tgxgn'vj g'ucr rĥpi "f gxgnr o gpv' r gthqto cpeg'lp'eqo dĥcvkqpu'wukpi "VWVGĬ "o gcp'eqo r ctĥkqp'vgu'cpf "o wnĥxctēv'cpcn'uku'o gvj qf u0' k'vj ku' eqpvzv."vj g' ucr rĥpi "rēpi vj "xctkēf "dgy ggp"4; 09034086" \*530 0408+" cpf "88020. 02" eo " \*530 0806+0'Ceeqtf kpi "vq"vj g'r tĥpek cn'eqo r qpgpv'cpcn'uku."grĥxgp"r tĥpek cn'eqo r qpgpv'gZR rĥkēf " 322' "qh'vj g'vqcn'xctkēpeg0'Vj g'ĥkuv'eqo r qpgpv'\*4904' + "vj g'ugeqpf "eqo r qpgpv'\*3: 0' + "cpf "vj g'vj kf" eqo r qpgpv'\*380' + "tgr tgugpvf "84062' "qh'vj g'vqcn'xctkēvq0'Ceeqtf kpi "vq"vj g'eqttēvĥqp"o cvtkz" cpcn'uku."vj gtg'y cu'c"xgt {"j ki j "eqttēvĥqp"dgy ggp"tqqvuxqem'rēpi vj "cpf "ucr rĥpi "rēpi vj "v? 20 ; , , , + " cpf "dgy ggp"rēch'ĥt guj "y gki j v'cpf "rēch'f t {"y gki j v'\*? 20 4, , , +0'Ceeqtf kpi "vq"vj g'j gēwo cr "cpcn'uku." tqqvuxqem'rēpi vj "cpf "ucr rĥpi "rēpi vj . "cpf "rēch'ĥt guj "y gki j v'cpf "rēch'f t {"y gki j v'y gtg'lp'vj g'lico g'f cv'ugv0' Cu'c"tgwā"qh'vj g'cpcn'uku."k'y cu'f gvto kpgf "vj cv'vj g"i gpqv'r gu'pwo dgtgf "530 0708: ."530 08085." 530 0450."530 08086."530 08088."530 049088."530 0405: ."530 0405: ."530 08084"cpf "530 0408; "y gtg'vj g' qpgu'y kj "j ki j "wcdkĥv'cu'tqqvuxqem."tgr gvĥxgn'0'Vj ku'uwf {"y kni wĥ g'tgugctej gtu'y qtnkpi "qp'uko kct" vqr ku'cpf "y kn'dg'ghēvĥxg'lp'vj g'ugrēvĥqp"qh'tqqvuxqem'ēcpf kf cvgu0

**Keywords:** "Tqqvuxqem"o wnĥxctēv'cpcn'uku."ucr rĥpi "f gxgnr o gpv."ugrēvĥqp'dtggf kpi . "qrĥxg."VĀtnk' g0'

**Acknowledgements:** "Vj ku'uwf {"y cu'uw r qtvgf "d{ "vj g'I gpgtēnF ktēvqtcv'q'ĥCi tlewnwtēnTgugctej "cpf " Rqrĥkēgu" qh" vj g" O lōkut {" qh" Ci tlewnwtēg" cpf " Hqtgut {" qh" vj g" T0'0' Rtqlgev" P wo dgt-< VCI GO IDDCF 10451C3 IR7 I78860

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#### THE EFFECT OF ORAL ISOTRETHINOLIN AND DOXYCYCLINE TREATMENTS ON NEUTROPHIL LYMPHOCYTE RATIO IN ACNE VULGARIS PATIENTS

Hatice Gencer Basol<sup>1</sup>, Erdal Pala<sup>2</sup>

<sup>3</sup>Dokuz Eylül Üniversitesi Tıp Fakültesi Dermatoloji Anabilim Dalı, İzmir

<sup>4</sup>Çukurova Üniversitesi Tıp Fakültesi Dermatoloji Anabilim Dalı, Adana

#### ABSTRACT

**Background:** "Cepg" xwi ctu" ku" c" ej tqple" kphco o cvqt { " f kugcug" qh" vj g" r kqugdcegqwu" wpk" y kj " o wkhcevtken'tki i gtu0Vj g'r cvj qi gpguku"qh"cepg"lpxqrxgu"cdpqt o cnihqmkewrt "ngtcvklk cvkqp. "gzequkxg" ugdwo " r tqf wevkqp. " Rtqrkpkdcevgtkwo " cepgu" eqrpklk cvkqp." cpf " kphco o cvkqp0 F qz { e { erlpg" cpf " kuqvgvklk"ctg"eqo o qpn { "wugf "vtgco gpw"ht"cepg"xwi ctu."dqj "qh"y j lej "j cxg"cpk/kphco o cvqt { " ghgeu0Vj ku"uwf { "clo gf "v"eqo r ctg"vj g" ghgeu"qh"kuqvgvklk"cpf "f qz { e { erlpg"vtgco gpw"qp"vj g" P gwtqr j kn/v/N { o r j qe { v"Tvklk" \*P NT #0

**Materials and Methods:** "Y g'kpenmf gf "322"r cvkpw"ci gf "3: /62" { gctu'y kj "cepg"xwi ctu"y j q'xkukgf "vj g" F gto cvqrqi { "cpf "Xgpgtgcni" f kugcugu"qwr cvkpw"erlpe"cv" CvwAmWpkxgtuk { "O gf lecn'Hcewm { "T gugctej " cpf "Rtcevkg"J qur kcn0Rcvkpw"y kj "lphgevkpu"qt "u { ugo le" kphco o cvqt { " f kugcugu"y gtg"gzemf gf 0QH"vj g" 322"r cvkpw."72"y gtg"vtgcvf "y kj "f qz { e { erlpg"cpf "72"y kj "kuqvgvklk0

**Results:** "Qw"ucvknecni"cpn { uku"tgxgcrgf "vj cv"vj g"P NT"y cu"uki pklcepvn { "j ki j gt"lp"vj g"cepg"xwi ctu" r cvkpw"i tqwr "eqo r ctgf "v"vj g"eqvtqni tqwr 0Cf f kqpcmf . "vj g"P NT"y cu"uki pklcepvn { "j ki j gt"lp"dqv "vj g" kuqvgvklk"cpf "f qz { e { erlpg"vtgco gpv"i tqwr u"eqo r ctgf "v"vj g"eqvtqni"i tqwr 0Chgt"5"o qpvj u"qh" vtgco gpv." f qz { e { erlpg"uki pklcepvn { "tgf wegf "vj g" P NT." y j gtgcu"kuqvgvklk" f kf "pqv" tguwm" lp" c" ucvknecmf "uki pklcepvej cpi g"lp"vj g"P NT0

**Conclusion:** "Qw"uwf { "hqwpf "vj cv"vj g"P NT"y cu"uki pklcepvn { "grxcvfg"lp"cepg"xwi ctu"r cvkpw0 F qz { e { erlpg"vtgco gpv"uki pklcepvn { "tgf wegf "vj g"P NT." y j gtgcu"kuqvgvklk" f kf "pqv0Vj g"P NT"o c { "dg" c" wughnib ctngt"ht "cuuguuki " f kugcug"tgxgk { "cpf "b qpkqt kpi "vtgco gpv"ghcece { "lp"cepg"xwi ctu."cmj qwi j " hvtj gt"tugctej "y kj "ixti gt"uco r ng"uk { gu"ku"pggf gf 0

**Key-words:** "Cepg"Xwi ctu. "F qz { eerlpg. "Kuqvgvklk."P gwtqr j kn/v/N { o r j qe { v"Tvklk. "Ghgevklk { "

"  
"  
"

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#### MERSİN İLİ MUT İLÇESİNDE DOĞAL BOYA ELDE ETMEDE KULLANILAN BAZI BİTKİ TÜRLERİ SOME PLANT SPECIES USED IN OBTAINING NATURAL DYES IN MUT DISTRICT OF MERSIN PROVINCE

Berna DEMİR<sup>1</sup>

<sup>3</sup>" tOI 3/4 O'gt ukp "Äpkxgt ukvguk "Ukknng "O gurgnl Ämugnqmw: "Dcj ±g "Vct, o, "D3/4Äo Ä "O gt ukp. "VÄt nkf gO"  
<sup>3</sup>QTEKF "KF <j wru<lqt ekf Qti I2222/2224/: 8; 9/977"

Ahmet İLÇİM<sup>2</sup>

<sup>4</sup>"Rt qI0F tO'J cw { "O mwch: "Mgo cri ©pkxgt ukvguk "Hgp "Gf gdkf cv "HcnÄnguk "Dkf qnqlkD3/4Äo Ä "J cv {." "VÄt nkf gO"  
<sup>4</sup>QTEKF "KF <j wru<lqt ekf Qti I2222/2223/: 38; /4694"

#### ÖZET

pucpq nw'xct'qrf w wİ Äpf gp "dgtkktgpmgtg'net , "3/4 grİdk'ki k'f w { o w wt0Ugpvgkndq { crct,p'kpucpctc'xg' ±gxtg {g'net , " | ctctn "gvo gprgtkpf gp "f qrc {, "f q cİ'dq {c'cf, "xgtkrgp "uÄf Ä Ängdkrtkrm" { gpkrgpdktkrtkrm" kpucp'xg'±gxtg'uc n , "Ä gtlpg'qmwo nw'gvnkupf gp "f qrc {, "dknkugndq { crctc'qncp "ki k'ctwo , vt0©mgo k f g' f q cİ'dq {ct'o c f f g'qrcten'dk'kpgp "xg"nwncp,rcp ±qni'uc {, f c "dknk'vÄ Ä' dwnwo cmcf, t0'Dw' o cncrgf g' O gtukp'rk "O w' n-gukpf g [ 3/4 ÄnmÄwÄ Äpf g'j cİ lnkko "Ä gvko kpf g'nwncp,rcp'kr rkmgtk'dq { co c'k rgo kpf g' j cpi k'dknkrgtlp "mwncp,rf , , "Ä gtlpf g'f wtwo w wt0'

Anahtar kelimeler: "O w'F q cİ "Dq {c. "Dknk"

#### ABSTRACT

J wo cp "dglpi u'j cxg'j cf "c'ur geknlpvgt guv'lp'eqmqtu'ulpeg'vj g'f c { 'vj g { "gzkugf "F wg'vq'vj g'j cto hwn'ghgeu" qh'u {pvj gw'ef { gu'qp'j wo cpu'cpf 'vj g'gp'xktqpo gpv'vj g'lpvgt guv'lp'j gt dcnf { gu'j cu'kpetgcugf "f wg'vq'vj gk" uwvclpcdkk { . "t gpgy cdkk { . "r qukkxg'ghgeu"qp'j wo cp "cpf "gp'xktqpo gpv'cn'j gcnj "ecmgf "pcwtcn'f { gu' Vj gtg'ctg'o cp { "r rcpv'ur gelgu'npqy p "cpf "wugf "cu'pcwtcn'f { gu'kp"qwt "eqwpt { 0'kp"vj ku'ctv'erg. "k'ku" go r j cukugf 'y j ke j 'r rcpw'ctg'wugf 'lp'vj g'f { gkpi "r tqeguu'qh' { ctpu'wugf 'lp'ectr gvlt wi "r tqf wev'qp'lp' [ qtwn' ewmw'g'lp'O gtukp'r tqxlpeg. "O w'F kntle0'

Key words: "O w'P cwten'F {q. "Rrcpv"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MERSİN İLİNDE COĞRAFI İŞARET ALMIŞ TIBBİ VE AROMATİK BİTKİLER MEDICINAL AND AROMATIC PLANTS WITH GEOGRAPHICAL INDICATION IN MERSIN PROVINCE

Berna DEMİR<sup>1</sup>

<sup>3</sup> " tOI 3/40'O gtukp "Apkxgt ukxguk "Urkng "O gurgni[ Ānugnqmww "Dcj ±g "Vct,o , "D3/4Āo Ā "O gtukp. "VĀtnkġ g0'  
<sup>3</sup> QTEKĲ "KĲ <j wr u<1qt ekf Qti D222/2224/: 8; 9/977"

Ahmet İLÇİM<sup>2</sup>

<sup>4</sup> "Rt q10F t0"J cvc{ "O wnc h "Mgo cni ©pkxgt ukxguk "Hgp "Gf gdkġ cv "Hcn Ānguk "Dkġ qrlkD3/4Āo Ā "J cvc{." VĀtnkġ g0'  
<sup>4</sup> QTEKĲ "KĲ <j wr u<1qt ekf Qti D222/2223/: 38; /4694"

#### ÖZET

VĀtnkġ g'ucj kr "qrf w wh3/4mĀmĀwĀ Ā'xg'eq tch'hapwo w'ugdgdkġ rg. "dknk'vĀ "±g knkġ k'c±,u,pf cp"qrf wnc" | gpi kpf k0' Dw' | gpi kprkn' gj kngtko k f g" dwncp" eq tch' k ctgvrk' vddk' xg" ctqo cvkn' dknkngtkp" r qvcukġ g'rkpġ g'nar uco cmcf ,t0J gt "krp" xg'd3/4i gpkp. "eq tch'xg'knko ugn3/4 gnkngtk'dcmo ,pf cp" {gk gp" Ā Āprgtkġ rg"3/4 f g ng o guk" dw'r qvcukġ g'rkp"3/4go kpk'qtvc{ c"±,neto cmcf ,t0'Dw"±cn o c. "O gtukp" krp g' eq tch'k ctgv'kg"v'gukngpgp"v,ddk'xg'ctqo cvkn'dknkngtk'kpegrgo gn'xg"uqo w'dk'nc {pcni'uwpo cm"ki kġ' rkgtcvĀ g'havm'uc mo cni'xg'uqptcnk'ctc vto crtc "3/4pe Ā Āngvo guk'co ce, {rc'j c| ,trpo , v,t0'

Anahtar kelimeler: "Dknk'Eq tch "V,ddk' Ctqo cvkn'

#### ABSTRACT

Vwng{ "ku'xgt { "tlej "kp"vgo u'qh'r ncpv'ur geku'f kxgtukv{ "f wg"vq"ku" f ggr /tqqvgf "ewmwg"cpf "i gqi tcr j lecn' mecvkqp0Vj ku'tlej pgu'cnuq "kpenf gu'vj g'r qvgvkn'qh'o gf lekpcn'cpf "ctqo cvk"r ncpw'y kj "i gqi tcr j lecn' kpf lecvkpu'lp'qwt'ekku0Vj g'kf gp'lecvkqp'qh'gcej ' r tqxlpeg'cpf 'tgi kpp'y kj 'vj g'r taf weu'i tqy p'kp'vgo u' qh'i gqi tcr j lecn'cpf "erko cvk"ej ctcevgtk'ku"tgxgcn'vj g"ko r qtvcpeg'qh'vj ku'r qvgvkn'0Vj ku'uwf { "y cu" r tgr ctgf "v'gzco kpg'vj g'b gf lekpcn'cpf "ctqo cvk"r ncpw'tgi kngtgf 'y kj 'i gqi tcr j lecn'kpf lecvkqp'lp "O gtukp" r tqxlpeg'cpf "v"r tqxkf g" c"eqpetgv"uqwtg. "v"eqvtdwg"v"vj g'tgrvgf "rkgtcwtg"cpf "v"r kpggt "hw'vj gt" tgugtej 0'

Key words: "Rcpv'I gqi tcr j lecn'O gf lekpcn' Ctqo cvk"

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#### YAPAY SİNİR AĞLARIYLA BORSA İSTANBUL TAHMİNİ İÇİN FARKLI ÖĞRENME ALGORİTMALARININ PERFORMANS ANALİZİ

#### PERFORMANCE ANALYSIS OF DIFFERENT LEARNING ALGORITHMS FOR BORSA İSTANBUL BİST (100) PREDICTION WITH ARTIFICIAL NEURAL NETWORKS

*İpek KALYONCU*

*“ t gpek "Quo cpkğ g'Mqt mw'Cvc "Opkxgt ukxguk "O Āj gpf kurknlxg "F q c "Dkko rgt k'Hcn Ānguk "Gpf Āunt k' O Āj gpf kurk k'D³/Āo Ā. "Quo cpkğ g. "VĀt nkğ g"*

*QTEK "Kf <j wr u-Ālqt ekf Qti D22; /2229/76; 7/8: 89"*

*Ayşenur GÜRGEN"*

*F t 0" t 0©{ guk "Quo cpkğ g'Mqt mw'Cvc "Opkxgt ukxguk "O Āj gpf kurknlxg "F q c "Dkko rgt k'Hcn Ānguk "Gpf Āunt k' O Āj gpf kurk k'D³/Āo Ā. "Quo cpkğ g. "VĀt nkğ g"*

*QTEK "Kf <j wr u-Ālqt ekf Qti D222/2224/4485/9545"*

#### ÖZET

Dqtuc" gpf gmkpğp" f g gk'xg" k rgt { geg k'v gpf "i kdk'dc nmet "hkpcpu" f Āp { cu, pf c" gp" ±qm'ki k'f w' wcp" xg" etc vt, ncp" nqpwrt "ctcu, pf c" t0Dw" ±cn o cf c" Dqtuc" ucpdwn" \*DRUV+322" gpf gmkpğp" ³pi ³/4 Ā" o qf gmgk' [ cr c { " Ukpk" C rct, " \*Ā UC+ | co cp" ugtkuk' o gvqf w'rc" { cr, m , vt0' ¥cn o f c" c { p, " r gk'q" ctn , " \*230604236/230604246+" mwcp, m , " qnr . " o qf gmgk' j go "i Āpn Ām" j go "j chcn, m' j go "f g" c { nm' ³pi ³/4 Ā" o qf gmgk' qrcem' gnkf g' j gt' r gk' qv' k'p' hctm, ' b qf gmgk' hwt wo w wt0C { t, ec' hwt wcp' j gt' b qf grf g' hctm, " i k' rk' ³/4 qp" \*7. '32. '37. '42+ xg' 5' hctm, ' ³/4 tgp o g' cni qtko cu, " Ngxgpdgti / O cts wcv. Dc { gukcp' Tgi wrtk' c' vkp' xg" Uecrgf "Eqplw cvg" I tcf k'p v+ mwcp, m , vt0J gt' o qf gn' 722' f ghc" ±cn vt, m , vt0O qf gmgk' p' g kko k' vco co rpf, mcp" uqpte" qt wco c' j cv' nct gmgk' \*QJ M' f g gtrgtk' j gucr ncpo , vt0O qf gmgk' p' g' g' g' k'p' QJ M' f g gtrgtk' mwcp, rcten' pqp/ r cteo g' tkn' Hgf o cp' vgu' k' w' i wcpo , vt0I Āpn Ām' xg' k' rgtk' Ngxgpdgti / O cts wcv' ³/4 tgp o g' cni qtko cu, kg' 37' i k' rk' ³/4 qpf cnk' o qf gn' p' c' | Hk' gf o cp' unqt wpc' ucj kr " qrcen' hwt wcp" vĀo " o qf gmgk' "ctcu, pf c" 30' u, tc { c" { gtrg o k' vt0J go " j chcn, m' xg" j go "f g" c { nm' xg' k' rgtk' k' ug" Dc { gukcp' Tgi wrtk' c' vkp' ³/4 tgp o g' cni qtko cu, kg' 32' i k' rk' ³/4 qpf cnk' o qf gn' p' c' | Hk' gf o cp' unqt wpc' ucj kr " qrcen' mw wcp" vĀo " o qf gmgk' "ctcu, pf c" 30' u, tc { c" { gtrg o k' vt0¥cn o c' uqpwpc' c' c { p, " ctn c' ucj kr " qnc' dk' g' DRUV" 322' f g g' tkp' k' o qf gmgk' gf g' i Āpn Ām' j chcn, m' xg' c { nm' xg' k' rgtk' k' p' ³/4 tgp o g' cni qtko cmt, p, p' xg' i k' rk' ³/4 qp" uc { , rct, p, p' r' g' hqto cpu, "ctcu, pf c" ³/4 pgo rk' hctm, nmet " qf w w' i ³/4 Āo Ā vĀo

**Anahtar Kelimeler:** "Dqtuc" ucpdwn" { cr c { "ukpk" c rct, . | co cp' ugtkuk'

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#### ABSTRACT

Vqr leu' uwey "cu' vj g' xcnwg" qh' vj g' uqem' o ctnv' k' pf gz "cpf "vj g' v gpf "k' y kn' hqmy "ctg" co qpi "vj g' o quv' k' p' g' t' guk' p' i "cpf "t' g' u' g' c' e' j' g' f' "vqr leu' k' p' vj g' h' k' p' c' p' e' k' r' i' y' q' t' r' f' 0k' vj k' u' u' w' f' { . "vj g' r' t' g' f' k' v' k' p' o' qf gnu' qh' vj g' Dqtuc" k' v' c' p' d' w' n' " DRUV+322" k' p' f' g' z' "ctg" o' c' f' g' d' { "wuk' p' i "Ct' v' k' l' e' k' n' P' g' w' t' e' n' P' g' y' q' t' m' i' " CP P + " v' k' o' g' " u' g' t' k' u' o' g' y' q' f' 0' Vj g' u' c' o' g' r' g' t' k' f' " t' c' p' i' g' " \*230604236/230604246+" y' cu' w' u' g' f' " k' p' vj g' u' w' f' { " c' p' f' " f' k' h' g' t' g' p' v' o' qf gnu' y' g' t' g' g' u' e' d' r' k' i' j' g' f' " h' q' t' " g' c' e' j' " r' g' t' k' f' " c' u' f' c' k' n' . " y' g' g' m' { " c' p' f' " o' q' p' v' j' n' { " h' q' t' g' e' c' u' k' p' i' " o' qf gnu' 0' k' p' " c' f' f' k' k' p' . " f' k' h' g' t' g' p' v' j' k' f' f' g' p' p' g' w' t' q' p' u' " \*7. "32. "37. "42+ c' p' f' " 5' f' k' h' g' t' g' p' v' r' g' e' t' p' k' p' i' " c' n' i' q' t' k' j' o' u' " \*Ngxgpdgti / O cts wcv. " Dc { gukcp' Tgi wrtk' c' vkp' " c' p' f' Uecrgf "Eqplw cvg" I tcf k' p' v' + y' g' t' g' w' u' g' f' k' p' " g' c' e' j' " b' qf gn' 0' g' c' e' j' " b' qf gn' y' cu' t' w' p' 722' v' k' o' g' u' 0' Chgt' vj g' v' t' c' k' p' k' i' " qh' vj g' b' qf gnu' y' cu' e' q' o' r' i' g' v' g' f' . " vj g' o' g' e' p' " u' s' w' e' t' g' f' " g' t' t' q' t' " \*O UG+ xcnwgu' y' g' t' g' e' c' r' e' w' v' g' f' 0' Vj g' p' p' q' r' c' t' e' o' g' t' k' e' Hgf o cp' vgu' v' y' cu' r' r' r' k' g' f' " wuk' p' i' " vj g' O UG+ xcnwgu' q' d' v' c' k' p' g' f' " h' t' q' o' " vj g' o' qf gnu' 0' Hq' t' f' c' k' n' { " f' c' v. " vj g' o' qf gn' y' k' j' " 37" j' k' f' f' g' p' p' g' w' t' q' p' u' y' k' j' " vj g' Ngxgpdgti / O cts wcv' r' g' e' t' p' k' p' i' " c' n' i' q' t' k' j' o' " t' c' p' n' g' f' " h' k' t' u' v' co qpi " c' n' i' o' qf gnu' y' k' j' " vj g' r' m' y' g' u' v' Hk' gf o cp' u' e' q' t' g' 0' Hq' t' d' q' v' y' g' g' m' { " c' p' f' " o' q' p' v' j' n' { " f' c' v. " vj g' o' qf gn' y' k' j' " 32" j' k' f' f' g' p' p' g' w' t' q' p' u' y' k' j' " vj g' Dc { gukcp' Tgi wrtk' c' vkp' r' g' e' t' p' k' p' i' " c' n' i' q' t' k' j' o' " t' c' p' n' g' f' " h' k' t' u' v' co qpi " c' n' i' o' qf gnu' y' k' j' " vj g' r' m' y' g' u' v' Hk' gf o cp' u' e' q' t' g' 0' C' v' vj g' g' p' f' " qh' vj g' u' w' f' { . " k' y' cu' q' d' u' g' t' x' g' f' " vj c' v' vj g' t' g' y' g' t' g' u' k' i' p' h' e' c' p' v' "

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f khtgpegu'dgy ggp"vj g'r gthto cpeg"qh'vj g'ngctpkpi "cri qtkj o u'cpf "vj g'pwo dgt"qh'j kf f gp'pgwtqpu'hqt"  
f ckl . 'y ggm{ "cpf "o qpj n{ "f cvc'kp"o qf grkpi "vj g'DKUV"322. "gxgp"kh'vj g{ "j cf "vj g"uco g'kpvtxcrf'

**Keywords:** 'Dqtuc'Kıcpdwn'ctvlekn'pgwtcr'pgvy qtm. 'ko g'ugtkgu"

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#### ÇİFTÇİLERİN TARIM BİLİŞİMİ'NE YATKINLIĞININ NİTEL DEĞERLENDİRMESİ: MUŞ İLİ ÖRNEĞİ

#### QUALITATIVE ASSESSMENT OF FARMERS' PROPENSITY FOR AGRICULTURAL INFORMATICS: THE CASE OF MUS PROVINCE

*İbrahim YILDIZ<sup>1</sup>*

<sup>3</sup>Ft0 t gvko "©{guk "CxcvÅt ml©pkxgt ukvguk" mkucf k'xg" f ct k'Drko rgt "HcnÅnguk" [ 3/pgvko "Drk ko " Ukugo rgt k "Gt/wt wo . "VÅtnk' gO'

<sup>3</sup>QTEK "KF <j wru<llqtekf Qti D222/2224/; 755/533Z"

*Yusuf EKMEKÇİ<sup>2</sup>*

<sup>4</sup>"Nkucpu'O g/wpw" t gpek "CxcvÅt ml©pkxgt ukvguk" mkucf k'xg" f ct k'Drko rgt "HcnÅnguk" [ 3/pgvko "Drk ko " Ukugo rgt k'D3/4Åo Å . "O w . "VÅtnk' gO'

<sup>4</sup>QTEK "KF <j wru<llqtekf Qti D22; /2225/59; ; /95: 7"

#### ÖZET

Vct,o . "qr nwo nct,p"uÅf Å Ångdkkt "ncmpo c { ,grf g'gf gdkno grgt k'k'p"i gt gmk'cmkxkggrgt k'k'gt gp "kpucpn , p" vgo gn'w tc , f ,t0Dk ±qm'c±f cp "xcl i g±kno gl "uc { ,rdkrgem'vct,o ucn'hccrk' gvgtkp "dkk ko "vgnpqmlkrgtk'krg" i Åpegmgo guk'xg"d3/4 rgeg" f g k gp "vct,o ucn'kj v'k c±nct,p"nct ,ncpedkno guk'kug"kpucpn,m'k'p"uqp" f gt geg" 3/pgo rlf k0Vct,o ucn'hccrk' gvgtf g"dkk ko "vgnpqmlkrgtk'ctc±nct,p,p" f c"mwncp,rf , , "dk" cpr { , , " {cpu,vcp" vct,o "dkk ko k"Å gtpf g±cn , m cmc'qrcp"i Åpegrxg'3/pgo rldk"nqpwf wt0Dw±cn o c . "O w "krpf g" Dwncp,m' n'guk" hccrk' gv' i 3/4vgo gmg" qrcp" ±k'k'k'gtk" vct,o "dkk ko kpg" qrcp" { cwpn,nct,p, "cprco cm' k'k'p . "pkgn' etc vto c"vgnpqmlkrgtkp gp" { ct, " {cr ,ncpf ,t,m , " i 3/4 Å o g"vgnpk k'p"mwncp,rf , , "ncnf go knldk" ±cn o cf ,t0 Dw±cn o c"j go "ctc vto c"nqpwaw'j go "f g"ctc vto c"extgpk'c±,u,pf cp"3/pgo rlf k0Å ÅpmÅ"vct,o "dkk ko k' i kdk' i Åpegn' dk" nqpwawp . " i grk o k rkn' u,tcwo cu,pf c" 3/p" u,tcwtf c" qm c { cp" dk" kf g" nqpw' gf kro guk' f g gtrk' k0C { t,ec'dw±cn o c . "qtvc { c'hq { f w wf g gtrgpf ko grgt 'xg' i grgegncn o c"3/pgtkrgtk'dcmo , pf cp" f c"3/pgo rlf k0"

¥ cn o cf c . "O w "krk' Dwncp,m' n'guk' g" { gvgtrk' f Å g { f g'ctc | k'ucj kr rk k'qrcp "xg" dgrk' rlf Å g { f g'vct,o ucn' hccrk' gvgt" { Å Åo gmg" qrcp" ±k'k'k'gtk" wnc , vto' Ctc vto c" f gupk' qrcem' dk" f wtwo " ±cn o cu, " nqpwgr v'pf g" { Å Ångp" ±cn o cf c± nev, no e, " ±k'k'k'gtk" vct,o ucn' { 3/pgo rtf g" dk k ko " w { i wco crct,p, " mwncp c { c" kvgnk' qrf wnc, " cprc , m , vto' C | " uc { , f c" nev, no e, p, p" vct,o " dk k ko k' w { i wco crct,p, " f gpg { ko ngo g'xg' i 3/4 ngo ngo g' lo mp, "dwwf w wpw'qtvc { c'hq { cp'dwi wnc±nev, no e, nct,p' dw'j wuwuc'g kko " xg' i grk ko g' c±, n'qrf wnc, p, " f c" xwi wco , nctf , t0Henev'grf g'gf krgp" dwi wnc±dc v" k'pvgtpgv'cn" { cr , u, " qm cm' Å gtg' DV'cn" { cr , u, pf cnk' { gvgtkuk' rkn'gtk' dk" { cmpo c" nqpwaw'qrf w wpw'qtvc { c'hq { o w wt0J crk' j c | , tf c" vct,o ucn'hccrk' gvgtkp f g" dk k ko " vgnpqmlkrgtkp' mwncp cf , mct,p, " dgrk' vgn' nev, no e, nct . " vct,o ucn' hccrk' gvgtf g" xg' lo rnk g . " | ctctn, nctf cp" nqtwpo c { c" xg" vct,o ucn' uÅg±rgt g" f ckt' f q t w' nctctnct " cm c { c" f 3/p Å n' ±3/4 Åo " 3/pgtkrgtk' nqpf krgtk' k'p" vcnr " gf krgdkrgem' vct,o " dk k ko k' w { i wco crct, " ctcu, pf c" qrcdkreg k'p' dgrk' ko k rgtf k0"

Grf g" gf krgp" dwi wnc" xg" qtvc { c" nqpcp" uqpw±nct" ±gt±gxguk' p f g" dw' ±cn o cf c± vct,o " dk k ko k' w { i wco crct, pf c' f gpg { ko ' r c { n , o , p, p' 3/pgo rlf qrf w w' dwpc' i 3/4 g' vct,o " nO Åf Å n' Ångtkp' dk' dk' rgtk' r' g' k' v' dcv' mto crct, p, p . " dki k' xg' f gpg { ko " r c { n , o , pc" { 3/pgrkn' g' v' n' p' rkn' gt k' p' qti cpk' g' gf kro guk' p' { ctctn" qrc c , " dgrk' km k v' t0C { t, ec' j gt' g kko " f Å g { kp f gp" ±k'k'k'gtk" dk k ko " qmw { c | ct n , pf c" i gt gmk' f Å g { g' g' k o guk' k' p' j cm' g kko " o g' n' g' rgt k' p' Åpkxgt ukvgtk' p' ki k' k' d' 3/4 Åo rgt k' k' g' k' v' dcv' mto crct, p, p' f c" { gt k' p' f g" qrc c , " dkf k' kro k v' t0' \ k' ccv' HcnÅngrtk' p' o Å h' gf cvct, p, " dk k ko " ukugo rgtk' f g' turgtk' k' g' | gpi k' r' g' vto grgt' k' xg' [ 3/pgvko " Drk ko " Ukugo rgtk' D3/4 Åo Å' dc v" qm cm' Å gtg' f k' gt' dk k ko " r' tqi tco nct, " k' g' k' v' dcv' " qm crct, " f c" ±cn o cf c" v' xuk' g' gf kro k v' t0C { t, ec" ±cn o cf c± vct,o " dk k ko k' nqpwaw' v' g' rgtk' p . "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

dkkto g"r tqlgrgtkpkp"ki krik"cpcdkko "f cmct,p,p" utcvglkn"j gf ghrgtk'ctcu,pf c" {gt"cm cu,p,p"uc ncpo cu," i grgegn±cn o c"p gtrgtk'kqrcncnuwpmo w wtOY cn o cf c'Vct,o "ugm<sup>3/4</sup>Apf g'hwmp,rcdkrgegn±ctct'f guvgn' ukugo rgtk'Å gt kpg" { Å Å Å rgegn±cn o crct."Å gvekrgtk'r c| ctrn"dnw wtcecn'g/vlectgv'w i wro crct,p,p'xg" o qdkl'w i wro crct,p' i grk vtkm guk'f kkcni'w±w wo wp' i kf gtkm gukpg'f<sup>3/4</sup>p Å n±cn o crct'f c' i grgegn±cn o c" p gtrgtk'kqrcncndgrk vko k vto"

**Anahtar kelimeler:**"Vct,o "dkk ko k" {p gko "dkk ko "ukugo rgtk"vct,o "6Q."O w ."Dwrcp,n0"

#### ABSTRACT

Ci tlewnwtg"ku" c" hmpf co gpvni'cevkkv { "qh" j wo cplv. "gpeqo r cuukpi "vj g" guugpvkri'cevkkkku" tgs vkt gf "hqt" uqelgkvu"vq"cej kgxg"uwncpcedng" f gxgnr o gpv'Wf f cvkpi "ci tlewnwtcn'r tceveku. "y j lej "ctg" kpf kur gpucdrng" kp" o cp { "tgru gev. "y kj "kphqto cvkqp" vgej pqm i lgu" vq" o gg'v' gxqmkpi "ci tlewnwtcn' pggf u" ku" qh" i tgev ko r qtvcpeg'hqt" j wo cplv { 0 Ci tlewnwtcn'kphqto cvku. "y j lej "tghgeu"cp"cr r tqcej "vj cv'kpeqtr qtcvgu"vj g" wug" qh'kphqto cvkqp" vgej pqm i { "vqnu"kp"ci tlewnwtcn'cevkkkku. "ku" c" ewttgpv'cpf "uki pkkcpv"vqr le"wpf gt"uwf { 0 Vj ku"tgugctej "ku"cp"cecf go le"uwf { "vj cv'wkri gu"vj g"ugo k'utwewt gf "kpvtxlgy "vgej plk vg. "qpg"qh"vj g" s wcrkcvkxg'tgugctej "o gj qf u. "vq"cuugu"vj g'r tqr gpukv { "qh'cto gtu"qr gtcvki "kp"vj g'Dwrcp,nif kutlev'qh'O w " Rtqxlpeg"vqy ctf u"ci tlewnwtcn'kphqto cvku0 Vj g"uwf { "ku"uki pkkcpv'dqv "kp"vgo u"qh'ku"tgugctej "vqr le" cpf "ku"tgugctej "r qr wcvkqp."cu'cf f tguukpi "c"eqvgo r qtct { "kuuwg'rkng"ci tlewnwtcn'kphqto cvku"kp" c" tgi kqp" vj cv'ku"pqv'tcpngf "j ki j n" "kp"vgo u"qh'f gxgnr o gpv'ku"xcnwcdng'0 O qtgxgt. "vj ku"uwf { "ku"cuq"uki pkkcpv" hqt "vj g" gxcnvcvku'k'r tguvpu'cpf "ku"tgeqo o gpf cvkqu'hqt "hwwtg"uwf lgu0

Kp"vj g"uwf { .hcto gtu'kp"vj g'Dwrcp,nif kutlev'qh'O w "Rtqxlpeg. "y j q" r quugu"uwhtekpv'rcpf "cpf "gpi ci g'kp" c"egtckp'rgxgn'qh'ci tlewnwtcn'cevkkkku. "y gtg'tgej gf 0 Vj g'tgugctej .eqpf wevgf "cu" c" ecug'uwf { .tgxgnrgf " vj cv'vj g" r ctvekr cvkpi "hcto gtu"gzr tguugf "c" y krip pgu"vq" wug" kphqto cvkqp" vgej pqm i { "cr r rckcvkpu"kp" ci tlewnwtcn'o gj qf u0 Vj g" hkp'kpi u. "y j lej "uj qy gf "vj cv'qpn" c"uo cm'pwo dgt"qh'r ctvekr cpv"j cf "vj g" qr r qtwpkv "vq" g'zr g'kpege" cpf "qdugtxg" ci tlewnwtcn' kphqto cvku" r tqf wew. "cuq" go r j kul gf "vj cv'vj g" r ctvekr cpv"ctg"qr gp"vq"gf wecvkqp"cpf "f gxgnr o gpv'kp"vj ku"ctgc0 J qy gxgt. "vj g" hkp'kpi u" kpf lecvf "vj cv' f ghelgpeku"kp" kphqto cvkqp" vgej pqm i { "kphctutwewt g." r ctvekrctn { "kp" kpvtpgv'kphctutwewt g." y gtg" c" uqwtg'qh'eqo r rckp'0 Rctvekr cpv"y j q'ewttgpv' f q'pqv'wug'kphqto cvkqp" vgej pqm i lgu"kp"vj g'kt"ci tlewnwtcn' cevkkkku"ucv'gf "vj cv'uqnvkpu"tgrv'gf "vq" ko r tqxlpi "r tqf wevkv. "r tqvevki "ci ckpu'r guu. "cpf "o ctkpi " kphqto gf "f gekukpu'eqwf "dg"co qpi "vj g"ci tlewnwtcn'kphqto cvku"cr r rckcvkpu"vj cv'o c { "dg" dpgghekcn'hqt" vj go 0

Dcu'gf "qp"vj g' hkp'kpi u'cpf "tguwmu. "vj ku"uwf { "uwi i guu"vj cv'gzr g'kpege"uj ctvki "kp"ci tlewnwtcn'kphqto cvku" cr r rckcvkpu" ku" ko r qtvcpv. "cpf "ceeqt f kpi n. "k" y qwf "dg" dpgghekcn' hqt" Rtqxlpekn' F ktgevqtcv' qh" Ci tlewnwtg"vq" guvdrku' "eqo o wplecvkqp" y kj "gcej "qvj gt" cpf "qti cpl g"cevkkkku" hqewugf "qp"hpqy ngf i g" cpf "gzr g'kpege"uj ctvki 0 Hwt vj gto qtg. "k'y qwf "dg"cr r tqr tkv' hqt' r wdike "gf wecvkqp" egpvgtu"vq" eqmcdqtcv' y kj "tgrxcpv" vpkxgtukv "f gr ctvo gpv"vq" gpwtg" vj cv' hcto gtu" qh' cm' gf wecvkqpen' r xgn' cej kgxg" vj g" pgeguuct { " r xgn' qh' kphqto cvkqp" rkg'ce { 0 Kp" vj ku" eqpvz. "vj g" uwf { "tgeqo o gpf u" vj cv' hcewnku" qh' ci tlewnwtg" gptlej "vj g'kt" ewttkewr" y kj "eqwtugu"qp" kphqto cvkqp" u { ugo u" cpf "guvdrku' "eqppgevkpu" y kj " qvj gt" kphqto cvkqp" r tqi tco u. " r ctvekrctn { " vj g" O cpci go gpv' kphqto cvkqp" U { ugo u" f gr ctvo gpv' Cf f kkpem. "vj g" uwf { "uwi i guu"vj cv'vj guu"cpf "ecr uqpg" r tqlgeu" tgrv'gf "vq" ci tlewnwtcn' kphqto cvku" uj qwf " dg" kpenmf gf " co qpi " vj g" utcvgi le" qdlgevkxu" qh' tgrxcpv" ceef go le" f gr ctvo gpv" cu" tgeqo o gpf cvkqu'hqt "hwwtg" tguv'gf 0 O qtgxgt. "vj g" uwf { "r tqr qugu"hwwtg" tguv'gf "qp" f gekukpu" uwr r qt'v u { ugo u" vj cv'ecp "dg" wugf "kp" vj g" ci tlewnwtcn'ugevq. "vj g" f gxgnr o gpv'qh'g/eqo o gteg"cr r rckcvkpu" cpf " o qdkg"cr r rckcvkpu"vj cv'eqppgev' r tqf wegtu" y kj "o ctngv. "cpf "gh'htu"vq" dtkf i g'vj g' f ki kcnif kxf g00"

**Keywords:** "Ci tlewnwtc" kphqto cvku. "o cpci go gpv'kphqto cvkqp" u { ugo u. "ci tlewnwtg" 6Q. "O wu. "Dwrcpkn0"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MERSİN İLİ MUT İLÇESİNDE DOĞAL BOYA ELDE ETMEDE KULLANILAN BAZI BİTKİ TÜRLERİ SOME PLANT SPECIES USED IN OBTAINING NATURAL DYES IN MUT DISTRICT OF MERSIN PROVINCE

Berna DEMİR<sup>1</sup>

<sup>3</sup> " t 0I 3/4 0'O gt ukp "Äp kxgt ukvguk "Uk kng'O gurgni[ Ämugnqmww: Dcj ±g'Vct,o ,D3/4Äo Ä "O gt ukp. "VÄt nkf gO'

<sup>3</sup> QTEK "KF <j wr u-llqtekf Qti I 2222/2224/: 8; 9/977"

Ahmet İLÇİM<sup>2</sup>

<sup>4</sup> "Rt qI0F t0"J cw{ "O wac h: Mgo cri ©pkxgt ukvguk "Hgp "Gf gdlf cv'HcnÄmvguk "Dkf qnqlkD3/4Äo Ä "J cw{." "

VÄt nkf gO'

<sup>4</sup> QTEK "KF <j wr u-llqtekf Qti I 2222/2223/: 38; /4694"

#### ÖZET

pucpq nw'xct'qrf w wİ Äpf gp "dgtkktgpmgtg'net , '3/4 griddk'ki kf w{ o w wt0Ugpgvkniddq { crct,p'lpucprctc'xg' ±xxtg{g'net ,} ctctn'gwo gprgtkpf gp'f qrc{ ,.f q cn'dq {c'cf ,xgtkpg'uÄf Ä Ärgdrlkt. " { gpkpggdrlkt. "lpucp'xg' ±xxtg'uc n , "Ä gt kpg"qno nw'gnkgtkpf gp'f qrc{ , "dknkugndq { crctc"qrcp"ki k'ctvo , v,t0©mgo kf f g'f q cn' dq { ct'o cf f g'qrcctm'dkrlkpg'xg'mwrcp,rcp±qniuc { ,f c'dknk'vÄt Ä'dwmpo cmcf ,t0Dw'o cncngf g'O gt ukp'kk" O w' n±gulf g"[ 3/4 Äni'mÄvÄ Äpf g'j cn'lnkko " Ä gvko kpf g'mwrcp,rcp"kr rknkgtk"dq { co c"k ngo kpf g'j cpi k' dknkgtk" mwrcp,rf , , "Ä gt kpf g"dk"ctc vto c" { cr ,rcctm'grf g'gf kpg" dki kgtk" ki kk' rkgctvÄt g" ncvn" uc mo cu,"xg'uqptcnk'ctc vto crctc"3/4peÄÄni'gvo guk'co ce, {rc'j c| ,trpo , v,t0'

Anahtar kelimeler: "O w.'F q cn"Dq {c.'Dknk'

#### ABSTRACT

J wo cp'dgkpi u'j cxg'j cf "c'ur gelcn'kpvgt guv'lp'eqmrtu'ukpeg'vj g'f c { 'vj g { "gz kuzf 'F wg'vq'vj g'j cto hwi'ghgevu' qh'u{pvj gvle'f { gu'qp'j wo cpu'cpf 'vj g'gpvktqpo gpv.'vj g'lpvgt guv'lp'j gtdcnf { gu'j cu'lpctgcugf 'f wg'vq'vj gkt" uwrcpcedkrlk' . "t gpgy cdkrlk' . "r quklxg'ghgevu'qp"j wo cp'cpf "gpvktqpo gpvcl'j gcnj "ecmgf "pcwctcnf { gu' Vj gtg'ctg'o cp { "r rcpv'ur gelcu'npqy p'cpf "wugf "cu'pcwctcnf { gu'lp"qwt "eqwvt { 0'k'vj ki'ct vker. "c't gugctej " qp'y j lej "r rcpv'ctg'wugf "lp'vj g'f { gkpi "r tqeguu'qh" { ct pu'wugf "lp'ectr gvltwi "r tqf wevkqp "lp" [ qt wnlewwt g" lp"O gt ukp'r tqxkpeg. "O w'F kwtlev'y cu'ecttkgf "qww'lp"qtf gt "vq"eqvtdkdwg'vq'vj g't grgxcpv'rkgtcwtg'cpf "vq" rgcf "vj g'pgzv'tgugctej gu'

Key words: "O w.'P cwtcn'F {q.'Rrcpv'

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III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

DİVANÜ LÜGATİ'T-TÜRK'E GÖRE SELÇUKLU TÜRKLERİNDE YEME İÇME KÜLTÜRÜ

IN SELJUK TURKS ACCORDING TO DIVANU LÜGATİ'T-TÜRK FOOD AND DRINK CULTURE

Prof. Dr. Yaşar BEDİRHAN

C t, " dt c j ko '¥ g±gp '©pkxgt ulvguk'Hgp 'Gf gdlı cv'Hcmñnguk'Vctkj 'D/4Ao Ā "

QTEKF 'KF <2222/2224/57: 3/28: 4"

ÖZET

VĀmgt "Vctkj rgt'kdq{ wpec"ngpf kgt'kp'34 i Ā'dk"mĀmĀ"qmw wto c{,"dc cto , rctf ,t0" | gnmng"VĀmncp" dq| mtrct,pf c" mto w "qrf wmt," o gf gpk'gvgtpk' xg"mĀmĀ" wpuwrt,p," i kwmgk'j gt" {gtg" vc ,o cu,p," dko k rgt'kt0VĀmgt'p' 34'gwmngtkēq tch{cmrf c'hwto w "qrf wmt,"dĀ{ Ānif gxngvt'xg'ko r ctcvtmmttrc" j -nko k'gvgtpk'Ā gtpf g"{ c cf ,mct,"vqr tcmct,p"vqr nwo rct,pc"nēdw'gwktf kmgt'k'i kdk"ngpf kgt'kp'34 i Ā" mĀmĀ" wpuwrt,p," f c'j -nko "qrf wmt,"vqr nwo rctc"nēdw'gwkt o k rgt'kt0" | gnmng"KZ OXg'Z KJ[ Ā { ,mctf c" tcp"xg" urco "eq tch{cu,pf c'qmw wtf wmt," o gf gpk'g'wpuwrt,p,p"j -nko k'gv'ucj cu,"ngpf k'c cf ,mct," eq tch{cmct,p'f c'34gulg'vc ctenC pef qmw'Ctedkncp. Two grk'j cwc'Demēprct,'f c'j k'gvnko k kt0" | gnmng" VĀm'mĀmĀ Āp'Āp'34pgo rk'dk" wpuw'w'qncp" { go g'kto g'mĀmĀ Āp'Āp"i Āp'Āo Ā g"nef ct"wr o cu,"dwpw'dk" vgl c'j Ā Ā Ā'0'0 cnergo k'kp"nqpwu'qncp"Mc i ctn'0 c'j o wf owp"34Āo uĀ "gugtk'F kx-pĀ'NĀi c'kw/VĀmng" I 34g"Ugnwmm'VĀmgt'kp'f g" [ go g" ±o g"mĀmĀ Ā'±c rct'34peguk'VĀm' { go g'mĀmĀ Ā'xg"cn nēpn,mct,p,p" VĀm'k'g'eq tch{cu,pf c'pg'f'grik'gwkt'qrf w wpw'qtvc {c'ng {o cu,"c±,u,pf cp'34pgo rk'kt0Mc i ctn'0 c'j o wf " dw'gugtk'p'g"gp"gunk'f'34pgo rgt'gp"kkdctgp"Ugnwmm'VĀmgt'k'f'34pgo k'f c'j ki'VĀm'mĀmĀ Āp'f g" { go g'kto g" cn nēpn,mct,." { go g'n'xg"kto g'g'f'c'k"dk" ±qm'34pgo rk'dki k'k'dk'g"nef ct"wr v,to cmcf ,t0'Dk' "f g"dw" o cnergo k'f g'dwpw'qtvc {c'ng {o c {c'±cn v,n0

Anahtar kelimeler: "Ugnwmmct." { go g. 'kto g. 'mĀmĀ. 'uqu{cnj c {c'0"

ABSTRACT

Vwtm'j cxg'o cpci gf "vq'etgcv'c"wpks wg'ewmwg'v'j tqwi j qw'v'j gk"j knqt {0'Vj g' "mpgy "j qy "vq'ectt { "v'j g' ekxk'k' c'k'qpu'cpf "ewmwctn'grgo gpw'v'j g' "guvdrkuj gf . "gur gekm' { "kp'v'j g'Vwtngucp'ugr r gu. 'y j gtgxt'v'j g' " y gp'0'Lv'cu'v'j g'Vwtm'ko r qugf "v'j gk'f'qo k'p'peg"qp'v'j g' "uqelg'v'g'u'qh'v'j g'ncpf u'v'j g' "rkxgf "qp'y kj "v'j g' i t'gcv'ucv'g'u'cpf "go r k'gu'v'j g' "guvdrkuj gf "kp'v'j g'i gqi tcr j k'gu'v'j g' "o ki t'cv'gf "v'j g' "cnuq"ko r qugf "v'j gk" wpks wg'ewmwctn'grgo gpw'qp'v'j g' "uqelg'v'g'u'v'j g' "f'qo k'p'cv'gf 0'Gur gekm' { "KZ OCpf "Z KJ[Vj g'f'qo k'p'peg'qh'v'j g' ekxk'k' c'k'qpu'grgo gpw'v'j g' "etgcv'gf "kp"Kcp"cpf "Kuro ke"i gqi tcr j { "kp'v'j g'egpwt'k'gu'y gpv'dg' { qpf "v'j g' i gqi tcr j { "v'j g' "rkxgf "kp'cpf "ch'g'ev'gf "C'p'cv'q'rk. 'C'ct'cdk. 'Two grk'c'p'f "gxgp'v'j g' 'Demēpu0'Vj g' 'h'cev'v'j cv'hq'qf' " cpf "dgxgtci g'ewmwg. 'y j lej "ku'cp'ko r qt'cv'p'v'grgo gpv'qh'Vwtm'kuj "ewmwg. 'j cu'uw'x'k'x'gf "v'j g' "r' t'gug'p'v'f c' " ku'c'0' c'p'k'g'ucv'k'q'p'qh'v'j ku0'Vj g' "H'q'q'f' 'cp'f "F' t'k'p'ni'ewmwg'qh'v'j g' "Ugr'w'ni'Vwtm' 'C'eeq't'f' k'pi "v'j g' "F' kx-p'Ā'NĀi c'kw/VĀm'v'j g'ko o qt'cv'ny qtn'k'q'0' c'j o wf "q'hi'Mc i ct. 'y j lej "ku'v'j g' "u'wdl'ge'v'q'hi'q'wt'ct'v'erg. 'ku'ko r qt'cv'p'k'p'v'gto u' qh't'gx'g'cn'k'pi 'j qy "k'p'h'w'gp'v'k'cn'v'j g'c'p'ek'gp'v'Vwtm'kuj 'h'q'q'f' "ewmwg'c'p'f 'j cdku'v'j g' "k'p'v'j g' "i gqi tcr j { "qh'Vwtng' { 0' K'p'v'j k'u'y qtm'0' c'j o wf "q'hi'Mcuj i ct' "eq'px'g' u'v'j "ku'c' "n'v'q'hi'ko r qt'cv'p'k'p'q'hto c'v'k'p' "cd'q'w'g'cv'k'pi "cp'f "f' t'k'p'ni'k'pi " j cdku. 'h'q'q'f' "cp'f "f' t'k'p'ni'k'pi "kp'Vwtm'kuj "ewmwg' "t'qo "v'j g' "g'ct'rk'gu'v' t'g'k'q'f' u. "k'p'ew'f' k'pi "v'j g' "Ugr'w'ni'Vwtm' "r' g' t'k'q'f' 0' Y g' "t'k'g'f' "v'j g' "t'gx'g'cn'v'j k'u'k'p'v'j k'u'ct'v'erg0

Keywords: Ugr'w'ni. 'gcv'k'pi . 'f' t'k'p'ni'k'pi . 'ewmwg. 'uqelcn'k'k'g'0

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### GÜMÜŞYAZI (NEVŞEHİR) KÖMÜRLERİNİN JEOKİMYASAL ÖZELLİKLERİ İLE İLGİLİ İLK BULGULAR

*Mehmet Çağay Yumutgan*

*H,t cv'©pkxgt ukvguk "Lgqrqlk'O Āj gpf kirk k'D'āĀo Ā "Grc|, "*

*QTEKF "KF <222; /2227/4762/477; "*

*Prof. Dr. Leyla Kalender*

*H,t cv'©pkxgt ukvguk "Lgqrqlk'O Āj gpf kirk k'D'āĀo Ā "Grc|, "*

*QTEKF "KF <2222/2223/829; /64: Z"*

*Dr. Hatice Kara*

*H,t cv'©pkxgt ukvguk "Lgqrqlk'O Āj gpf kirk k'D'āĀo Ā "Grc|, "*

*QTEKF "KF <2222/2225/5663; : 87"*

#### ÖZET

I Āo Ā {c|, " \*P gx gj kt+" nĀo Ārtgk' f Ā Ām' nēnlni \*7526/8766" nēnlni +" rlp{k' nĀo ĀtĀ" qnr " vto kni ucptcmgtf g" grgmtknĀ Āgvko " co c±n, w' vp" uĀtg" mwrp, m , vto' I Āo Ā {c|, " nĀo Ārtgk' xg' kēgtkulpf g" dwnpf w' w' ugf ko cprct, p" lqgnko { cucn' 34 grnkmgt' dw' ±cn o cf cnk' xgtkgt " kg" muo gp" dgrktngpo {g' ±cn , m , vto' MĀo ĀnĀ' ugxl' grgtkp" cpc" qnuk' kēgtkmgk ¥ kp" xg' CDF " nĀo Ārtgk' f kmēvg' cnpf , . pf c' f c' c' { ĀmgnĀ' g' gtrgtf g' qrf w' w' xg' nē { pcn' nē { ce, p' nĀo ĀtĀ' kēgtkulpf g' dtkm k' ugf ko cprct, " { ĀmgnĀ' qtcpc' c' gnkgtf k kēprc , m cmcf , tOMĀo ĀnĀ' ugxl' grgtf g' UkQ<sub>4</sub> CnQ<sub>5</sub> qtcpc, '3.74' kg' 4.85' ctcu, pf c' f g' k o gmē' qnr " qtverco c' 4.3: " qmctmĀ' dgrktngpo k vto' Dw' { Ā' f gp' hwxct, u' ugf ko cprct' kēgtkulpf g' { ĀmgnĀ' qtcpc' c' dwnpf w' w' u' 3/4 ngpgdkt' O' " MĀo ĀnĀ' ugxl' grgtkp" CnQ<sub>5</sub> I' VIK<sub>4</sub> " qtcprct, " ugf ko cprct, p" nē { pc , p, " dgrktngpo gnĀ' kēkp' mwrp, nēp" cpc" qnuk' xgtkgtf k' tO' " pegno g' nqpwu' 3/4 pgmgtkp' qtverco c' CnQ<sub>5</sub> I' VIK<sub>4</sub> " qtcpc, " 4: .95" qmctmĀ' j gucr nēpo , vto' Dw' f g' gt "> " 43" qrf w' w' pf cp" ugf ko cp" r txxgpcpu" cpcnĀ' rgtkpf g' cuk' knĀ' o ci o cvknĀ' nē { c±" c { t, o cu, pc' f kmēv' ±gnō gmēf k' tO' Dw' pgf gprg' nĀo ĀtĀ' kēgtkulpf g' dwnpf w' w' ugf ko cprct, p" o kpgtcmlknĀ' xg' nko { cucn' qmctmĀ' Rengqup' uqptcu, " qnr cp' vgmqpk o cp, p' gnkuk' ng' Cn' M' gvcug' { c n' i' tckpkq' { k' rgtkp' { Āmgnō guk' kg' " cuk' knĀ' dkg' ko r k' nē { c±rct, p" c { t, o cu, pf cp' gnkgtf k' k' xg' Qrki qugp' u' Āt' gēlpf g' M, | , nĀ4 " hqto cu { qpwl' kēgtkulpf g' qnr o w' qmctmĀ' gēg' k' pki' 3/4 vto' gmēf k' tO'

**Anahtar Kelimeler:** I Āo Ā {c|, " \*P gx gj kt+" nĀo Āt. " lqgnko {c

#### ABSTRACT

I Āo Ā {c|, " \*P gx gj kt+" eqcn' ctg' nqy /ecmgtk' \*7526/8766" nēnlni +" rki pkg' eqcn' c' pf " j cxg' dggp' wugf " hqt" grgextekv' i' gpgtcvqp' kp' vj' gto cnr qy gt' r' nēpw' hqt' c' hqi' vko g' Vj' g' i' gqej go kecnr' tqr' g' vku' qh' I Āo Ā {c|, " eqcn' c' pf " vj' g' ugf ko gpw' lp' y' j' lej " vj' g' { 'ctg' hqecvgf " y' g' g' v' l' g' f " vq' dg' f' g' vto' kpgf " y' kj " vj' g' f' cv' kp' vj' ku' uwf { O' Vj' g' o' c' k' p' qz' k' f' g' eqpv' gw' qh' eqcn' dgctkpi " rēxgn' ctg' j' ki j' gt' y' j' gp' eqpuk' g' t' kpi " Ej' kpgug' c' pf " WU' eqcn' c' pf " k' ku' w' pf' g' tu' qqf " vj' cv' vj' g' uqwtēg' t' qem' j' ki j' n' { chēgēw' vj' g' ugf ko gpw' lp' y' j' lej " vj' g' eqcn' c' eewo w' r' vgu' 0' k' p' eqcn' dgctkpi " nē { g' tu. " vj' g' UkQ<sub>4</sub> CnQ<sub>5</sub> t' cvkq' xctkū' dgw' ggp' 3074 " c' pf " 4085. " y' kj " cp' cxgtci g' qh' 408: 0' Vj' g' t' g' hqtg. " k' ecp' dg' uckf " vj' cv' s' wctv' " ku' hqwpf " lp' j' ki j' " co' qwpw' lp' vj' g' ugf ko gpw' 0' CnQ<sub>5</sub> I' VIK<sub>4</sub> " t' cvkqu' qh' eqcn' dgctkpi " rēxgn' ctg' vj' g' o' c' k' p' qz' k' f' g' f' cv' wugf " vq' f' g' vto' kpg' vj' g' uqwtēg' qh' vj' g' ugf ko gpw' 0' Vj' g' cxgtci g' CnQ<sub>5</sub> I' VIK<sub>4</sub> " t' cvkq' qh' vj' g' uco' r' ngu' w' pf' g' t' uwf { " y' cu' ecrew' v' g' f' cu' 4: 050' U' k' p' e' g' vj' ku' xcmēg' ku' > " 43. " k' f' t' cy' u' cwgp' v' k' p' v' q' c' e' k' f' k' e' " o' ci o' cvkē " t' qem' f' kul' p' v' g' i' t' cvkqp' " kp' u' g' f' ko' gp' v' r' t' q' x' g' p' c' p' e' g' " c' p' c' n' { u' g' u' 0' Vj' g' t' g' hqtg. " k' u' j' qy' u' " vj' cv' vj' g' u' g' f' ko' gpw' " eqpv' c' k' p' i' " vj' g' eqcn' y' g' t' g' " chēgēv' g' f' d' { " vj' g' w' r' k' h' v' qh' " Nqy' g' t' " Et' g' v' c' e' g' q' w' u' " i' t' c' p' k' q' k' f' u' " c' p' f' " vj' g' f' kul' p' v' g' i' t' cvkqp' qh' t' qem' y' kj " c' e' k' f' k' e' " eqo' r' qu' k' q' p' f' v' g' v' q' vj' g' v' g' e' v' q' p' k' u' o' " vj' cv' q' e' w' t' g' f' " ch' g' t' " vj' g' R' c' r' g' e' g' e' g' p' p' g' " d' q' vj' " o' k' p' g' t' c' m' i' k' e' c' m' " c' p' f' " e' j' g' o' k' e' c' m' . " c' p' f' " o' c' { " j' cxg' hqto' g' f' " y' kj' kp' vj' g' M, | , nĀ4 " hqto' cvkqp' f' w' t' k' p' i' " vj' g' Qrki' q' e' g' p' g' r' g' t' k' f' O'

**Keywords:** I Āo Ā {c|, " \*P gx gj kt+" eqcn' i' gqej go kmt {

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SERT ANAYASALAR VE İKTİDARIN SINIRLANDIRILMASI HARD CONSTITUTIONS AND LIMITATION OF POWER

İnci ÇOBAN İNCE

F t 0 " t 0 © { g u k " ¥ c p m t , " M c t c v g n k p " © p l x g t u k x g u k " m k u c f k ' x g " f c t k D k t o r g t " H c n Ğ n Ğ u k "

U k c u g v D k k o k ' x g ' M c o w l 3 p g v k o k ' D 3 / a Ğ o Ğ " ¥ c p m t , . ' V Ğ t n k l g o '

Q T E K F " K F < 2 2 2 2 / 2 2 2 4 / 2 8 : : / 7 2 3 Z "

#### ÖZET

Cpc { cuc'gp'vgo grf g'knkf ct, 'u,p,tnrpf ,tcp'xg'vgo grj cnlxg'j Āttk'gvgtki Āxgpeg'cnr,pc'cnp'b gvkrpt'qrcteni vcp,o rpo cmcf ,t0Dw'vcp,o f cp"j ctgnvgv. "cpc { cuc'ucj kr "qf w wo w' "vgo grj cnlxg'j Āttk'gvgtk'u,tcrt. " dw'vgo grj cnlxg'j Āttk'gvgtk'p'j cpi khq wmtf c'u,p,tnrpf ,t,mdkrgeg kpg' { gt'xgtk'xg'f cju, 'j cpi k'j cmct,p' u,p,tnr c' nqpwuw' { cr ,no c { cec ,p, 'j ĀnĀo "cn,p'cnt0' Cpc { cucp,p'dw'34 grk k'knkf ct, "u,p,tnr { cp'knf { 3pĀf Āt0 npe'k' { 3p'lug. "f gxrqv'ti cprct,p,p' { cr ,u,p,. "ug±ko "wuwĀpĀ" { gvnk'xg"i 34 gxrvtk'p'vgr k'gf kr. " cpc { cucn'j ĀnĀo "qrcteni' qtv c' "nq { o cu,f,t0' Mwxgvgt' c { t,n , "knvguk' dc rco ,pf c' f Ā ĀpĀf Ā Āp'g. " 34 grknmg" cpc { cucn'j ĀnĀo "qrcteni' { gvnk'xg"i 34 gxrvtk'p' dgrkrpgo k "qro cu, "f gxrqv'ti cprct,p,p' u,p,t,p, "f c' ±k o k "qro cmcf ,t0Dw'uc { gf g'dk'f gxrqv'ti cp, "f k gt'f gxrqv'ti cp,p' { gvnk'cnp,pf c' hcrk'k' gv' 34 vgtgo gl. " ngpf k' { gvnk'cnp, "k±pf g'j ctgnvg'gf gt0' Cpc { cucp,p'dw'34 grknmgk" pqtto rct"j k' gtct kulp'p'gp'vgr guk'p'f g' dwmpo cu, "kg'cprco ,p, 'r gnk vkt0\ k c'pqtto rct"j k' gtct kulp'p'gp'vgr guk'p'f g' { gt'cnp'cpc { cuc'cnr,pf c' { gt' cnp'pqtto rct' k±p' dc r { ,e,f,t0Dw'p'qmcfc' cpc { cucp,p'ugt'v'ncv,+qro cu, "dw' dc r { ,e,n , "vgo gmrgf kkt0 \ k c'ugt'v'cpc { cucrct, "f g k vto gni'ncpwrct, "f g k vto gmrg'f c'j c" | qtf wt0Dw' | qtnwn' { cucoc' qti cp,p,p' cpc { cuc { c' w' i w' ncpwp' ±nceto cu, "xg" { cr ,recm'dk" cpc { cuc'f g k knk klp. "Retrco gpvqf c' nqpu'p'g' u' uc rpo cu, "i gtmkk kpk'qtvc' c' ±ncet,t0"

Dw' ±cn o cf c' 3pegrknk' qrcteni' cpc { cuc' xg' ugt'v' cpc { cuc' nctco rct, "c±,ncpccm" ctf ,pf cp' f c' ugt'v' cpc { cucp,p'knkf ct'c±,u,pf cp' u,p,tnrpf ,t,e, "dq { ww'grg'cnpccm,t0Dw'co c±nc' ±cn o cf c' { 3p'vgo "qrcteni' rkgte'vĀ' vctco cu, "hwmp,recm'het ,re vto cn'j wmwncp'f c' { ctctmp,recm,t0'

**Anahtar Kelimeler:** "Cpc { cuc. "Ugt'v' Cpc { cuc. " m'kf ct. "U,p,tnrco c0"

#### ABSTRACT

Vj g'eqpukwkwq'ku'f ghkpgf 'cu'vz'u'v'j cv'ko k'r qy gt'cpf 'ugewtg'hw'pf co gpvcn'tki j u'cpf 'htggf qo u0Dcugf " qp"y ku'f ghkpkqp. "y g'eqpukwkwq' rkuu'v'j g'hw'pf co gpvcn'tki j u'cpf "htggf qo u'y g'j cxg. "kpenf gu'v'j g' eqpf kkp'p' v'pf gt" y j lej "v'j gug'hw'pf co gpvcn'tki j u'cpf "htggf qo u'ecp"dg" rko kgf. "cpf "hwt'v'j gto qtg. " u'kr wrc'v'gu'y j lej "tki j u'ecppq'v'dg"rko kgf 0'Vj ku'hcw'wtg'qh'v'j g'eqpukwkwq'ku'v'j g'htuv'cur gev'v'j cv'ko ku' v'j g't qy gt0Vj g'ugeqpf 'cur gev'ku'v'j cv'k'f gvto kpgu'v'j g'ut wewt.g. "grge'v'q'p' r' tge'f vtg. "cwj qtkk'gu'c'pf 'f wkgu' qh'v'j g'ucv'g'qti cp' u'cpf 'r t'gug'p'u'v'j go "cu'eqpukwkwq'pcn'r tqxkuk'p'u0Y j gp'eqpuk'gt'gf 'kp'v'j g'eqpv'z'v'q'v'j g' rtk'p'kr rg" qh' ugr ctc'v'qp' qh' r qy gtu. "y g'f gvto kpc'v'qp' qh' cwj qtkk'gu'c'pf "f wkgu' cu" c' eqpukwkwq'pcn' r tqxkuk'p'cnu'q'f tcy u'v'j g'dqwp'ct'kgu'qh'v'j g'ucv'g'qti cp'u0k'p'v'j ku'y c. "c'ucv'g'qti cp'ecppq'v'qr gtc'v'g'kp'v'j g' ctgc'qh'cwj qtk'v' { "qh'cp'qy gt'ucv'g'qti cp. "k'ce'u'y kj kp'ku'qy p'ctgc'qh'cwj qtk'v' { 0'Vj gug'hcw'wtg'qh'v'j g' eqpukwkwq' t'gk'p'hteg"ku"o gcp'kpi "y kj "ku'dgkpi "cv'v'j g'v'qr"qh'v'j g'j kgtctej { "qh'pqtto u0Dgecwug"v'j g' eqpukwkwq. "y j lej "ku'cv'v'j g'v'qr"qh'v'j g'j kgtctej { "qh'pqtto u. "ku'dlp'kpi "hqt"v'j g'pqtto u'wpf gt'k0'c'v'j ku' r qkp'v'v'j g'hc'v'v'j cv'v'j g'eqpukwkwq'ku'j ctf 'i tqwpf u'v'j ku'dlp'kpi 0Dgecwug'ej cpi kpi "j ctf 'eqpukwkwq'ku' o qtg'f k'hl'ew'v'j cp'ej cpi kpi "rcy u0'Vj ku'f k'hl'ew'v' { t'gs vkt'gu'v'j g'rgi kur'wtg'v'g'pcev'rcy u'kp'cee'qtf cpeg' y kj "v'j g'eqpukwkwq'cpf 'hqt'cp' { "eqpukwkwq'pcn'co gpf o gpv'v'q'dg'bo cf g. "c'eqpug'p'uw'o wu'v'dg'tgcej gf 'kp' Retrco gpv0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Kp"vj ku"uwf { "hktuvn"vj g"eqpegr u"qh"eqpukwwkqp"cpf "j ctf "eqpukwwkqp"y kn'dg"gzr rckpgf . "vj gp"vj g" tguvkxg'f ko gpukp'qhj ctf "eqpukwwkqp'kp'vgo u'qh'r qy gt'y kn'dg'f kuewugf OHqt "vj ku'r vtr qug. 'hkgtcwtg" t gxlgy "y kn'dg'wugf "cu'c"o gy qf "kp"vj g'uwf { "cpf "eqo r ctcvkg'rcy "y kn'cnuq'dg'wugf 0

**Keywords:** 'Eqpukwwkqp.'J ctf 'Eqpukwwkqp.'Rqy gt. 'Nko kcvkqp0

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

PROF.DR. SADIK TURAL'IN KALEMİNDEN TÜRK DÜNYASI EDEBİYATI VE CENGİZ AYTMATOV

TURKISH WORLD LITERATURE AND CENGİZ AYTMATOV WITH THE EXPRESSION OF PROF.DR. SADIK TURAL

Ayşe ULUSOY TUNÇEL

Rtql0'F t0'CH qp'Mqecvgr g'©plxgt ukxguk'

QTEKF "KF <2222/2224/: ; 52/6737"

#### ÖZET

[ gpKvÄmGf gdk{cv,'dkko 'f cn ¼ tgvko "Ä{ grgtkpf gp'Rtql0F t0Ucf ,m'Vwtcn'j go 'cncf go knj c{cv,pf c'j go "kf ct,'i ¾gxngt "Ämrgpf k kf ¾pgo rgtf g'VÄmnhÄmÄ'xg'gf gdk{cv,pc"}{cr v, ,j k o gwgtng'cf ,pf cp'¼¾ "gwko k "fg gtrk'dk"dkko "cf co ,f ,t0'Ucf ,m'Vwtcn)p"CvcvÄm'MÄmÄ"O gtngl'k'Dc ncp,"\*3; ; 5/4222+"xg"CvcvÄm'MÄmÄ'F kixg'Vctlj "[ Ämgnl'Mwtwo w'Dc ncp,"\*4222/422; +"qrcctni ¾gx"}{cr v, ,"}{,mct.'j qecp,p'mÄmÄ'xg'gf gdk{cv" qrcp" ncvmrt,p,p" VÄm' F Äp{cu," mÄmÄÄ'xg' gf gdk{cv," ucj cu,p," f c" kÄpg" cnceni' gnkf g" i gpk rgtf k'xg'f Ä gprpqp"wmwrt'ctcu,"¾Ämgmgn'dkko ugn'qr ncp,ret"xg"}{c{,o rctrc'dgri grpgtgm'VÄm' F Äp{cu," Gf gdk{cv," nctco , " gvtch,pf cnk' hcrkf gwgtk" kxo g" ncl cpf , , " dk" uÄgek' k ctgv' gf gt0' VÄm' F Äp{cu,p,p"qtvcnm,ret,p,"uw'} Ä Äpg"±,neto c{"dk'kmg'qrcctni'dgpko ug{gp'Ucf ,m'Vwtcn'dwpwp'gp'uqo w'¾pg kpk"dc nepn ,p,"{ ÄÄwÄ Ä'VÄm'F Äp{cu,"Qtvcni'Gf gdk{cv,"Rtqlguk'kg'qtvc{c"nq{o w wt0'Dwpwp" {cp,"u,tc" vgtgrgtk' VÄm' F Äp{cu," kg" u,p,tn" nemo co , " " kpucpn , " mw cw , " VÄm' dkko " cf co rct,," ucpcvmtret,," gf kr rgtk' xg" qprct,p" Ägwmgk' f g gtrgtk' J qecp,p" ¾pg" ±,neto c" i c{tgk' j gtngug" dkko gmgf k0'Dw' {c} ctrctf cp"dkk'f g'¾peg"VÄm'uq{nw'j cmct,p."uqpte"fc"kpucpn ,p"ki k"ugxi k'xg" uc{i ,u,p,"hcl cpo , "ucpcv,retf cp'Egpi k' C{vo cvqx'f wt0'J qec.'tqo cpe,,"j kn{g'c} ct,,"vk'cvq'o Ägnkk' xvgtpgt.'hkl} qh'ucpcvmt.'f kr mo cvlu,hvrt, {rc'cp,o rcf , , 'Egpi k' C{vo cvqx}w')VÄm' {wtvrt,p,'w{ctcp" i gt±gn'dk" dki g."i gt±gn'dk"o wcnko ."i gt±gn'dk" c cdg{')qrcctni'f g gtrpfto gmgf k0'VÄm'F Äp{cu," ctcu,pf cnk'dkrik k'¾peg'hÄmÄgn'}{qrcctrc'mwtwo cu,'i gtgm kpg'kpcpcp'Ucf ,m'Vwtcn'Egpi k' C{vo cvqx}w" {gvo k kpek' fq wo " i ÄpÄpÄp" nwrpo cu,pc." Cpnctfc" f Ä gprpqp" \*3; ; : "+" \$Fq wo wpwp" 92Q ,n' F¾pÄo Äpf g'Egpi k' C{vo cvqx}\$'nupwax"dk"vr rcp,'kg'xgukrg'qm w wt0'Egpi k' C{vo cvqx}w" {c cf , , " eq tch{c{ , "dw'eq tch{cp,p"uk'cu'nf gtpk'xg'uqu{cn'}{cr ,u,p," {cmpf cp"vc, {cp."VÄm'F Äp{cu,pf cnk' mÄmÄgn'xg'uk'cu,"i grik o grgtk'vnr " gf gp'Ucf ,m'Vwtcn'Egpi k' C{vo cvqx}w" gugtgrtk'k'ucf geg'gf gd," demof cp'f g kn'qprct, "{c} f ,tcp'uqu{qrlkn' ctvrt,p'r gpegtgukpf gp'vcj rki'gvo k =dw'gugtgrtk'w'cpf ,tf , , " {cpmrt,p," {kpg'i gpk' dk'r gtur gmhgp'qmwrtct'f w' wtedkro k vkt0'Ucf ,m'Vwtcn'Egpi k' C{vo cvqx}w'nupw' cncp" {c} ,rt,pf c."nupw o cncp,pf c"Cvo cvqx}w"pg" {c} f , ,)xg'pk'g' {c} f , ,)o gugngt'Ä gtlpg'f wto w = C{vo cvqx}w" tqo cpe," nko rk kpk' dgurg{gp' hkl} qh' xg" dkko " cf co , " pkgrknk' dcm " c±,u,p," xg" j cmi' mÄmÄÄpf gp" {ctctrcpo c'g krko kpk'¾pg"±,neto c{c±cn o , vt0'Dw'dkfk kf g'Ucf ,m'Vwtcn)p"VÄm'F Äp{cu," Mextco ,pc'dcm ,,"dw'nextco "gvtch,pf cnk'f Ä Äpegrgtk'vgnkrgt'xg'¾pi ¾Ärgt'Ä gtlpg'f f wtvrccm=dw' dc mo fc'J qecp,p" cj u,'f quwf c'qrcp'Egpi k' C{vo cvqx'xg'gugtgrtk'Ä gtlpg'f Ä Äpegrgtk'gng'cnpccm,t0'

Anahtar Kelimeler: "VÄm'F Äp{cu,'Gf gdk{cv,'M,ti ,| 'Gf gdk{cv,'Egpi k' C{vo cvqx.'Ucf ,m'Vwtcn'"

#### ABSTRACT

Rtql0F t0'Ucf ,m'Vwtcn'qpg'qh'j g'hcewm'o go dgtu'qh'O qf gtp'Vwtnkuj "Nkgtcwtg.'ku'c'xcncdrg'uelgpklv' y j q'j cu'o cf g'c'pco g'hqt'j lo ugrh'y kj 'j ku'ugtxklegu'v'Vwtnkuj 'ewwtg'cpf 'hkgcwtg'dqj 'kp'j ku'cecf go le' rkg'cpf "f wtöpi "j ku'cf o kpkutcvxg'f wku0'Vj g" {gcty' j gp'Ucf ,m'Vwtcn'ugtxgf "cu'y g'Rtgukf gp'qh'j g' CvcvÄm'MÄmÄ"O gtngl'k'\*3; ; 5/4222+"cpf "y g'Rtgukf gp'qh'j g'CvcvÄm'MÄmÄ'F kixg'Vctlj "[ Ämgnl' Mwtwo w'\*4222/422; +"o ctnic'r gtlkf "kp'y j lej "j ku'eqpvtkdwkpu'v'ewwtg'cpf "rkgtcwtg'gzi cpf gf "vq" kpenf g'y g'ewwtg'cpf "rkgtcwtg'qh'j g'Vwtnkue"Y qtrif "cpf "y g'cevkkkgu'ctqwpf "y g'eqpegr v'qh'Vwtnkue"

ABSTRACT BOOK



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Y qtrf "Nkgtcwtg'i ckgf "o qo gpwo "d{ "dglpi "f qewo gpvgf "vj tqwi j "uelgpkle"o ggkpi u'cpf "r wdrtecvkpu" qp"cp"lpgtpevkpcnuecng0Ucf ,m'Vwtcn"y j q'cf qr vgf "dtkpi kpi "vj g'eqo o qpcrkkgu'qh'vj g'Vwtne"Y qtrf "v" vj g'uwthceg"cu"e"r tlpek r g."j cu'f go qpwtcvgf "vj g'o quv'eqpetgv"gzco r r g'qh'vj ku'y kj "vj g'Vwtne"Y qtrf "Eqo o qp"Nkgtcwtg"Rtqlgev."y j lej "j g"ej cktgf 0Kp"cf f kkgp."vj g"lphwgep"qh'vj g'Vwtnkuj "Y qtrf "ku"pqv' rko kgf "v"vj g'Vwtnkuj "Y qtrf =Vwtnkuj "uelgpklu."ctkuv."r qgvu'cpf "vj g'xcnwg'u'vj g' "r tqf weg'ctg'hpqy p"v" g'xgt { qpg0"

Qpg'qh'vj gug'y tkgtu'ku'Egpi k "C { vo cvqx."qpg'qh'vj g'ctkuv"y j q'j cu'i ckgf "vj g'cwgpkqp."hqxg'cpf "t gur gev" qh'Vwtne"r gqr ngu'cpf "vj gp'j wo cpk{ 0Ucf ,m'Vwtcn'eqpkf gtu'Egpi k "C { vo cvqx."y j qo "j g'f guetkdu'cu"e" ppxgrkuv."uqt { "y tkgt."vj gcvt"y tkgt."xvgtkpctkcp."r j kquqr j gt."ctkuv."f k r mo cv."cu") "t gcn'uci g."c"t gcn' vgej gt."c"t gcn'dtqy gt "y j q"y ctpu"vj g'Vwtne"ncpf u0Ucf ,m'Vwtcn"y j q"dgkkgxgu'vj cv'vj g'wpk{ "dgy ggp" vj g'Vwtne"Y qtrf "uj qwf "dg"guxcdkuj gf "vj tqwi j "ewwtcn'o gcpu."y cu'lpwtwo gpvcn'lp"vj g'egrdtecvkqp"qh' vj g"ugxgpvgy " dktvj fc { " qh" Egpi k "C { vo cvqx" y kj "c" o ggkpi " qp" \$Egpi k "C { vo cvqx" lp" vj g"92vj " Cppkxgtuct { "qh'j ku'Dktvj \$j" grf "lp" Cpnetc"3; ; : 0Ucf ,m'Vwtcn"y j q'emugn{ "hpqy u'vj g'i gqi tcr j { "y j gtg" Egpi k "C { vo cvqx"hxgf."vj g'r qrklecrlhcg"cpf "uqekrlutwewt g'qh'vj ku'i gqi tcr j { ."cpf "hqmqy u'vj g'ewwtcn' cpf "r qrklecrlf g'xgru o gpw'lp"vj g'Vwtne"Y qtrf ."j cu'pcn{ ugf "Egpi k "C { vo cvqx"u'y qtmu'pqv'qpn{ "htqo " c'rkgtct { "r qkv'qh'xkgy ."dw'cnuq "htqo "vj g'r gtur gevkg'qh'vj g'uqekmqi lecn'eqpf kkgpu'vj cv'ecwugf "vj go "v" dg"y tkwgp."cpf "j cu'dggp"cdng"v"cppqwpge"vj g'tgr gteuwkqpu"qh'vj gug"y qtmu"v"tgcf gtu"htqo "c"y kf g" r gtur gevkg0Kp"j ku'y tkkpi u'cpf "ur ggej gu'qp"Egpi k "C { vo cvqx."Ucf ,m'Vwtcn'j cu'hqewugf "qp"vj g'kuwgu'qh' )j j cv'C { vo cvqx"y tkgu"cpf "y j { "j g"y tkgu)=j g"j cu'vkgf "v"go r j cukug"vj g'r j kquqr j gt"cpf "uelgpkuv" r gtur gevkg'vj cv'hggf u"C { vo cvqx"u'ppxgrkuv'kf gpv{ "cpf "j ku'vgpf gpe { "v"dgpgkv/htqo "hqm'ewwtg0"

Kp"vj ku'r cr gt."Ucf ,m'Vwtcn'u"xlgy "qh"vj g"eqpegr v'qh'vj g'Vwtnkuj "Y qtrf ."j ku'vj qwi j w."r tqr qucu"cpf " r tgf kevqpu'ctqwpf "vj ku'eqpegr v'y km'dg"go r j cukugf =kp"vj ku'eqpvzv."j ku'vj qwi j w"qp"Egpi k "C { vo cvqx." y j q'ku'cnuq"e"r gtuqpcn'htkpf "qh"Ucf ,m'Vwtcn'cpf "j ku'y qtmu' y km'dg"fkuewugf 0"

**Key Words:** "Vwtnkuj "Y qtrf "Nkgtcwtg."M{ ti { | "Nkgtcwtg."Egpi k "C { vo cvqx."Ucf ,m'Vwtcn"

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# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## NANOAKIŞKANLARIN MANYETİK ALAN ETKİSİ ALTINDAKİ ISIL PERFORMANSLARI THERMAL PERFORMANCE OF NANOFUIDS UNDER THE INFLUENCE OF MAGNETIC FIELD

Hamza ERTÜRK

O c n k p g " O Ğ j g p f k u k " p 3 / p Ğ © p k x g t u k x g u k " O Ğ j g p f k u k n i H c n Ğ v g u k " O c n k p g " O Ğ j g p f k u k k " O c r e v c . " V Ğ t n k ğ " j w r u d l q t e k f Q t i D 2 2 2 ; / 2 2 2 3 / 2 7 3 9 / ; ; 6 ; "

Tarkan KOCA

F q ± g p v F t 0 " p 3 / p Ğ © p k x g t u k x g u k " O Ğ j g p f k u k n i H c n Ğ v g u k " O c n k p g " O Ğ j g p f k u k k " O c r e v c . " V Ğ t n k ğ " j w r u d l q t e k f Q t i D 2 2 2 / 2 2 2 4 / 8 : : 3 / 6 3 7 5 "

### ÖZET

Gpgtlkġ ĞpĞo Ğ Ğ dġko Ğ Ğ Ğ {cu, pf c'gp'muc'vcdktġk' "{cr edkġo g'ħcdkġk' g'k'q'rtcnġcp, o rcp, t0O cntq'c±, f cp" f g gtrġpf kġf k ġp" gpgtlk' dĞvĞp" gxtgpk' xct' gf gp" xg" vĞo "ukvgo rġtġp" ±cn, o cu, p, "f gxc "gwtġp" i Ğ±" nġ{pc , f, t0Gpgtlk' xct' gf kġgo ġl "xg" {qnġgf kġgo ġl "ucf geg'dkġo "f g k vġgdktġo' pucpġ nġj c {cv, dq {wpec" ±g kġk'gpgtlk' nġ {pcmet, p, "mġmpo , "xg" j cġp" mġmpo c {c'f gxc "gvo gmgf kġo' Gpgtlk' nġ {pcmet, pf cnk' cġ cm c'ġpucpġ nġp' {gpk'gpgtlk' nġ {pcmet, p, "ctco c {c'ugxmġvo k vġo' mġ±c rctf c'qf wp'w' mġmpo' p'ġpucp" f c j c" uqptc" nġo ĞtĞ " r g t q n Ğ " f q c r i c ġ , " d w r e c n y , t 0 ' H e n e v ' i Ğ p Ğ o Ğ " f Ğ p { c u , p c " i g r f k k o k f g " d w n e { p c m e t f c " j , ġ n " v Ğ n g p o g m g f k 0 ' D w p f c p " 3 / 4 Ğ t Ğ " o g x e w " n e { p c m e t , " g p " x g t k o r k ' g n k f g " m ġ m p o c m ġ | q t w p n ġ j c r ġ ' i g m k v t 0

Gpgtlk' nġ {pcmet, p, p" j , ġ n " vĞngpo ġulpf gp" f qrc { , "gpgtlk' xgtko rġk k' i Ğp" i g±km±g" f c j c" f c" 3pgo " nġ cpo cmef, t0Xgtko rġk nġ ġp w u w p f c ' j g t ' i g ± g p ' i Ğ p ' c t e v t o c m t ' x g ± c n o c m t ' { c r , m o c m e f , t 0 ' p u c p q n w ' d w i Ğ p g " n e f c t " x g t k o r k k ' c t v , t o c { c " { 3 / 4 g r k n ġ d k t ± q n ġ u k v g o " v c u c t r e o , v t 0 " " t p g m ġ q r t c n ġ k e v p " { c p o c n " o q q t r e t e " w t d q " u k v g o k ' g m g p g t g n ġ f c j c " h c ġ n " i Ğ t " g r f g " g f k r o k v t . " v c u c t t v h n w ' c o r w n g t " l e c v ' g f k r o k v t " x g " d e e c " i c ġ r c t , p , p " u q p " | g t t ġ u l p g " n e f c t " h c { f c r c p o c n ġ k e p " u k v g o r ġ t " i g r k v t k r o k v t 0 ' V Ğ o " d w ' u k v g o r ġ t " x g " d w w r c t " g p g t l k ġ k f c j c " x g t k o r k ' n w m p e d k r o g n ġ x g " d w p w p " u q p w e w p f c " g p g t l k ' n e { p c m e t , p , " f c j c " c ġ " v Ğ n g v o g n ġ c f , p c " q t v c { c ± , n o , v t 0

Gpgtlk' xgtko rġk k' ġp w u w p f c " { c r , r e p " ± c n o c m t f c p " d k t " f k g t k ' k u g " p e p q e m n e p r c t f , t 0 ' K ġ , " v t e p u h t k ' u k v g o r ġ t ġ p f g " j c { c v , o , ġ f c " d k t ± q n ġ c r e p f c " m ġ m e p , m o c m e f , t 0 ' Q v q o q d k ġ t c f { c v 3 / 4 r ġ t k " d k i k u c { c t " u q w o c " u k v g o r ġ t k " n e r t k ġ t " v ġ u k v , " i k d k ġ p u c p r c t , p " g p " { q w p " q r t c n ġ d w w p f w w ' c r e p r c t f c " , u , " v t e p u h t r ġ t k 3 / 4 p g o r k ' { g t " c m c m e f , t 0 ' U q p " { , n e t f c " d w ' u k v g o r ġ t f g " v g o g n ġ u , x , " c m n e p r c t " { g t k p g " p e p q e m n e p " m ġ m e p , r e t c n ġ , u , " v t e p u h t k p k ' c t v , t o c n ġ j g f g h r e p o g m g f k 0

P epqo g v k n ġ d q { w c e n k \* 3 / 3 2 2 " p o " n e v , " r c t v k n Ğ r ġ t k p " v g o g n ġ c m n e p " k e p g " n e v , m o c u , { n " q n w w t w r e p " u , x , { c " p e p q e m n e p " f g p k t 0 ' P e p q e m n e p " k e g t k u l p f g n k " n e v , " r c t v k n Ğ r ġ t " u , x , " k e p f g " d k t d k ġ p g " v g o c u " g f g t g n ġ , u , " v t e p u h t k p k ' c t v , t o c m e f , t 0 ' P e p q e m n e p " k e p f g n k " r c t v k n Ğ r ġ t k p " o g v e r k n ġ 3 / 4 g r k n k ' q n o c u , " f w t w o w p f c " c m n e p c ' o c p { g v k n ġ c r e p " w ġ i w r e { c t e n ġ , u , " v t e p u h t k p k f c j c " h c ġ n " c t v o c u , " k e p " ± c n o c m t " { c r , m o c m e f , t 0 \ k e " { c r , r e p " f g p g { r ġ t f g " d w ' u k v g o r ġ t k p " , u , " v t e p u h t k p k ' c t v , t f , , p , " i 3 / 4 v g t o g m g f k 0

Dw±cn, o cf c'p e p q e m n e p r c t " x g " o c p { g v k n ġ c r e p " g v k u l p f g n k " , u , " v t e p u h t " u q p w ± r c t , " j c m m p f c " e t c v t o c m t " { c r , m , v t 0 | c r , r e p " e t c v t o c m t " u q p w e w p f c " o c p { g v k n ġ p e p q e m n e p r c t , p " o c p { g v k n ġ c r e p " v ġ u k t k ' c n , p f c " , u , " v t e p u h t k p k ' x g ' x g t k o r k k ' c t w t f , , " e p r e , m , v t 0

Anahtar Kelimeler: P e p q e m n e p . " O c p { g v k n ġ c r e p . " K ġ , " v t e p u h t k "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

Gpgti { "ku" f ghlpgf "kp" vqf c { u } uelgpv hle "y qtrf "cu" vj g "cdkxk { "v" f q "y qtni" kp "vj g" uj qtvgu' vgtu uO' Y j gp" gxcnvcvgf "Itqo "c" o cetq" r gtur gevkg. "gpgti { "ku" vj g" r qy gt "uqwtg" vj cv' etgcvgu' vj g" gpvtg" wplxgtug" cpf " eqpvkpwgu' vj g" qr gtcvqp" qh' cm' u' ugo uO' Gpgti { "ecppqv' dg' etgcvgf "qt" f gwtq { gf. "k' ecp" qpn { "ej cpi g' hqto O' J wo cpu' j cxg' wugf "xctkqu" gpgti { "uqwtg" vj tqw j qw' vj gk' hkgu' cpf "eqpvkpwg" vq' wug' vj go O' Vj g' f getgcug" kp" gpgti { "uqwtg" u' cu' hgf "j" wo cp' dgkpi u' vq' ugctej "hqt" pgy "gpgti { "uqwtg" u' kp' vj g' gctn { "ci gu. "r gqr ng' y j q" wugf "y qqf "y qwf "rcvt" hkp' "eqn" qkn" cpf "pcwtcn' i cuO' J qy gxgt. "y j gp' y g' eqo g' vq" vqf c { u } y qtrf. "vj gug" uqwtg" u' ctg' cnu' q' tcr kf n' "f gr ngvpi O' Vj gt ghtg. "kv' j cu' dgego g' pgeguuct { "vq" wug' vj g' gzkxkpi "tguqwtg" u' kp" vj g' o quv' ghlekp v' y c { O' }

F wg' vq' vj g' tcr kf "f gr ngvqp" qh' gpgti { "uqwtg" u' gpgti { "ghlekp" e { "ku" dgego kpi "o qtg" cpf "o qtg" ko r qtvcpv' f c { "d" f c { O' T gugctej "cpf "uwf lgu' ctg' dgkpi "eqpf wevgf "qp" ghlekp" e { "gxgt { "r cuukpi "f c { O' J wo cp' dgkpi u' j cxg' f guli pgf "o cp { "u { ugo u' vq' lpetgcug" ghlekp" e { "vq" f cvg O' Hqt' gzc o r ng. "o qtg" r qy gt' j" cu' dggp' qdvcxpgf " d { "cf f kpi "c' wt dq' u' ugo "vq' kvgt pcn' eqo dwtvqp" gpi kpgu. "gpgti { / ucxkpi "hki j v' dwdul' j cxg' dggp' kpxgpvgf. " cpf "u { ugo u' j cxg' dggp' f gxgnr gf "vq" wkkk g' gxgt { "ruv" r ctveng" qh' hwg" i cu' uO' Cmi' vj gug' u' ugo u' cpf " kpxgpvqp" u' j cxg' go gti gf "kp" qtf gt "vq" wug' gpgti { "o qtg" ghlekp v' u' { "cpf. "cu' c' tguwn. "vq' eqpuwo g' rgu' gpgti { " uqwtg" u' O' }

Cpqj gt "uwf { "qp" gpgti { "ghlekp" e { "ku" pcpqhmkf uO' J gcv' tcpuhtg' u' ugo u' ctg' wugf "kp" o cp { "ctgcu" qh' qwt" rkguO' J gcv' tcpuhtg' u' ctg' ko r qtvcpv' kp' ctgcu' y j gtg' r gqr ng' ctg' o quv' f gpugn { "r qr wcvgf. "uwej "cu' c' wqo qdkrg" tcf kvqtu. "eqo r wgt' eqqkpi "u' ugo u. "cpf "j gcvkpi "u' ugo uO' J t' ggepv' { gctu. "kv' j cu' dggp' cko gf "vq' lpetgcug" j gcv' tcpuhtg' d { "wukpi "pcpqhmkf u' kpuvgf "qh' dcule" rks wk' "hmkf u' kp" vj gug' u' ugo uO' }

Vj g' rks wk' "hqt o gf "d { "cf f kpi "uqrf "r ctveng" u' qh' pcpqo gvtle" uk' g" \*3/322" po + "vq" vj g' dcule" hmkf "ku" ecmgf " pcpqhmkf O' Vj g' uqrf "r ctveng" u' kp" vj g' pcpqhmkf "lpetgcug" j gcv' tcpuhtg' d { "eqpvkpi "gcej "qy gt "kp" vj g' rks wk' O' J "ecugu' y j gtg' vj g' r ctveng" u' kp" vj g' pcpqhmkf "j cxg' o gvcnle" r tqr gt vgu. "uwf lgu' ctg' ectkfg "qww' vq" lpetgcug" j gcv' tcpuhtg' d { "cr r n' kpi "c' o ci pgvle" hgrf "vq" vj g' hmkf O' Dgecwug' vj g' g' zr gt ko gpw' u' j qy "vj cv' vj gug" u' ugo u' lpetgcug" j gcv' tcpuhtg' O' }

Kp' vj ku' uwf { . "tugctej "y cu' eqpf wevgf "qp" pcpqhmkf u' cpf "j gcv' tcpuhtg' tguwnu' wpf gt "vj g' ghgev' qh' o ci pgvle" hgrf uO' Cu' c' tguwn' qh' vj g' tugctej . "kv' y cu' wpf gt uqqf "vj cv' o ci pgvle" pcpqhmkf u' lpetgcug" j gcv' tcpuhtg' "cpf " ghlekp" e { "wpgt "vj g' ghgev' qh' o ci pgvle" hgrf uO' }

**Keywords:** "P cpqhmkf . "O ci pgvle" hgrf . "J gcv' tcpuhtg' "

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#### ÜNİVERSİTE KÜTÜPHANELERİNDE YAPI MALZEMELERİ VE AYDINLATMA: SÜRDÜRÜLEBİLİRLİK ODAKLI BİR DEĞERLENDİRME BUILDING MATERIALS AND LIGHTING IN UNIVERSITY LIBRARIES: A SUSTAINABILITY-FOCUSED EVALUATION

Mehmet Can ÖZTÜRK<sup>1</sup>

<sup>3</sup>Quo cplk'g'Mqt mw'Cxc'©pkxgt ukxguk'O ko ct n,mVcuct,o 'Xg'I Ā/grlUcpcwct'HcnĀnguk'O ko ct n,mCpc"  
Dtko 'F cn.'Quo cplk'g.'VĀtnk'gO'

<sup>3</sup>QTEK'KF <j wru<llqtekl'Qti D22;/2225/; ;46/; ;8:"

Tunç Aslan TÜLÜCÜ<sup>2</sup>"

<sup>4</sup>FtO' t©{guk'¥ wmw qxc'©pkxgt ukxguk'O ko ct n,mHcnĀnguk'"±'O ko ct n,mCpc'Ucpcv'F cn.'Cf cpc."  
VĀtnk'gO'

<sup>4</sup>QTEK'KF <j wru<llqtekl'Qti D22;/2225/85: 8/49; 3"

#### ÖZET

Dw' ±cn, o c." Āpkxgtukg" mĀvĀr j cpgrgtkpf g" mwmp,ncp" { cr, "o cñ go grgtk' xg" c { f, prxo c" ukvgo rgtkpkp" cpcrk' lpk'co c±ro cmcf, t0MĀvĀr j cpgrgt. "34 tgpelkgtg'dkn' k'uwpo cp,p" { cp, "u,tc. "nqphqt n'xg'xgtko rk'dkt" ±cn, o c"qtvo, " { ctvo c"o ku{ qpw{ r"3pgo rk'dkt" { gtg'ucj kr vt O'¥ cn, o cf c. "mĀvĀr j cpgrgt" k±"o gmrpct, p, p" hqpmk' qpgrkn' guvgkn'xg" mwmp, e, "nqphqt w'c±, u, pf cp" f gpi grk'dkt" gnkrf g'f Ā grpgo gukpkp" i gtgnkk k' xwti wcpo cmcf, t0[ cr, "o cñ go grgtkpkp" ug±ko k'xg" c { f, prxo c" vcut, o, ., "mwmp, e, r gthqto cpu, "Ā gtlkpf g" f q twf cp" gwkk'qnw" "gpgtlk'xgtko rkk k'c±, u, pf cp" ntkn'it'qn'q { pco cmcf, t0UĀf Ā Āgdkt "o cñ go grgt' xg" gpgtlk'vcuttvhw'c { f, prxo c"±34 Āo rgtk'ng" mĀvĀr j cpgrgt, o "cncpct, pf c" gpgtlk'vĀngko lpkp'c| cn, m cu, " j gf ghrgo k vt OCtc vto cf c. ¥ wmw qxc'©pkxgtukguk'mĀvĀr j cpgrgtkpf gnk'c { f, prxo c" ukvgo rgtkpkp" o gxew' f wwo w' lpegrgo k. "mwmp, e, rct, p" r gthqto cpu, p, "ctvto c { c" { 3pgrkn'3pgrkt" uwpwo w wtO' Uqpw±ct. " qmwo c"ucnprct, "xg'f lprgo g" cncpct, p, p" dĀ{ Ān'±Āf g'w{ i wp" c { f, prxo c" ukvgo rgtkpkp' ucj kr "qf w wpw." cpecn' dcl, " cncpct f c" gpgtlk'vcuttvhw' k' kg vt o grgtkpkp" { cr, rcdkreg lpk' i 3vgtg gmgf k' O' Dw' ±cn, o c." Āpkxgtukg" mĀvĀr j cpgrgtkpf g" uĀf Ā Āgdkt "gpgtlk'w{ i wco crct, pc" { 3pgrkn' { qn' 3vgtk'ek'dk' t'gj dgt' qm c {, " co c±ro cmcf, t0"

Anahtar Kelimeler: "UĀf Ā Āgdkt" O ko ctk" C { f, prxo c. [ cr, "O cñ go grgtk"

#### ABSTRACT

Vj ku'uwf { "cko u'vq" cpcn| g" vj g" dwkf lpi "o cvgtkcn" cpf "rki j vki "u{ vgo u" wugf "lp" wplxgtuk{ "rktct lguO' Nkdtct lgu" rnc { "c" uki plkecpv' tqrq' pqv' qpn' "lp" r tqxkf lpi "uwf gpw'y kj "lphqto cvkp" dw'cnuq" lp" etgc vki "c" eqo hqt vcdrg" cpf "ghlekp v' y qtnkpi " gpxktqpo gpvO' Vj g" pgeguuk{ "qh" cttcpi lpi "rktct { "kpvgtkqtu" lp" c" dcncpegf "o cpggt' eqpegtpkpi "hwpevkpcrkv{ .cguv' gvku. cpf "wugt' eqo hqt vku" go r j cuk' gf "lp" vj ku'uwf { 0Vj g" ugrgevkqp' qh' dwkf lpi "o cvgtkcn" cpf "rki j vki "f guki p' f kgevñ "ko r cevu' wugt' r gthqto cpeg" cpf "rnc { u'c' etk' kecn' tqrq' lp" gpgti { "ghlekp v{ 0Vj g" cko "ku'vq' t' gf weg" gpgti { "eqpuwo r vkp" lp" rktct { "ur cegu' vj tqvi j "vj g' wug' qh" uwucpkcdrg" o cvgtkcn" cpf "gpgti { /ghlekp v' rki j vki "uq' nwkqpuO' Vj g" t' guctej "gzco kpgu' vj g' ewt' gpv' ucwuw" qh' vj g' rki j vki "u{ vgo u' lp" vj g' ¥ wmw qxc' Wpkxgtuk{ "rktct { "cpf "qh' gtu' t' geqo o gpv' cvkpu' vq" gpj cpeg' wugt" r gthqto cpegO' Vj g" t' guwuw' lpf kecvg" vj cv' t' gcf lpi "tqgo u' cpf "nqwi g" etgeu" o quw{ "j cxg" uwkcdrg" rki j vki " u{ vgo u. "cnj qwi j "uqo g' etgeu' eqwv' dgpgk' htqo "gpgti { /ucxkpi "ko r tqxgo gpvO' Vj ku'uwf { "cko u'vq' dg' c" i wkf lpi "t' ght' gpeg' hqt' uwucpkcdrg" gpgti { "r tcevegu' lp" wplxgtuk{ "rktct lguO'

Keywords: "Uwucpkcdrg" Ctej kgevwt. g. Nki j vki . "Dwrf lpi "O cvgtkcn"

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#### TASARIM PROJE YÖNETİMİ DİSİPLİNLERİYLE AR&GE PROJELERİNİN ZAMANINDA VE BÜTÇEYLE TAMAMLANMASI COMPLETION OF R&D PROJECTS ON TIME AND WITHIN BUDGET WITH DESIGN PROJECT MANAGEMENT DISCIPLINES

Almila Gökçe DAL<sup>1</sup>

<sup>3</sup>Mqrwo cp "Qvqo qvxx" Gpf Āwt k'CO 0: Cimgt k' Ct/ I g' Ctc ± Vcuct, o "W/ o cp, . "Vct uuu" TO gt ukp. "VĀt nkġ g"

#### ÖZET "

Vcuct, o " r tqlg" { 3/4pgvko k' f klr rprgtkġ ng" CT/ I G' r tqlgrgtkġ | co cp, pf c" xg" dĀ±g{ ng" vco co nro cu, " Ā gt kpg' i gpgnġ kko rgt k' xg" dc | , 3/4pgo rkpqmcrt, " w' gnkf g' 3/4 gvg{ gdkkko <

30 I gpgnġDc ct, <

o Vcuct, o "Qf cm, "CT/ I G' Rtqlgrgtk' Vcuct, o "qf cm, "CT/ I G' r tqlgrgtkġ g" | co cp, pf c" vco co nro c" qtep, "i gpgnġ" 52/72" ctcu, pf c" f g k k 0 Vcuct, o "c co cmt, "xg" r tqvqr "qnv wto c' uĀ±g±gtk' r tqlgrgtkġ nro c , m , p, "ctv, tedkġ "xg" dwf c' | co cp "xg" dĀ±g' uer o cmt, pc" { qnġ±cdkġ 0

o DĀ±g{ ng" Vco co nro c' Vcuct, o " r tqlgrgtkġ g" dĀ±g{ ng" vco co nro c" qtep, " 42/57" ctcu, pf c" qrdkġ 0 Vcuct, o "uĀ±g±gtkġ g" qtv { c" ±, nro p' f g k k nġmgt "xg" i gt gmġko rgtkġ gxtko k' dĀ±gplp' c , m cu, pc" pgf gp" qrdkġ 0

40 Vcuct, o "Rtqlg" [ 3/4pgvko k' F klr rprgtkġ "Gvġk" <

o F gvc{ n" Rrprco c' Vcuct, o " r tqlgrgtkġ" 72/82" qtep, pf c" | co cp, pf c" vco co nro cu, "i gpgnġ" c{ t, pv, n" r nro c' xg" r tqlg" vco nro cmt, "kġ" o Āo mĀp" qrdkġ 0 Rtqlg" r nro cu, "pg" nro c' c{ t, pv, n" xg" i gt ±gmġ' qnvuc. | co cp, pf c" vco co nro c' qtep, "q" nro c' " Āmgnġ qrdkġ 0

o "Cm , " [ 3/4pgvko k' Vcuct, o "uĀ±gkġ f g" k "cm nro p, p" gvġk" { 3/4pgvko k' r tqlgrgtkġ" 62/72" qtep, pf c" dĀ±g{ ng" vco co nro cu, pc" { ctf, o e, " qrdkġ 0 Dw" k " cm nro p, p" f q tw' vco nro cu, " xg" gvġk" { 3/4pgvko gukġ ng' uc nro c' dġkġ 0

50 Vcuct, o "Ctc±rt, "xg" Vgnpġmgtk' <

o Rtqlg" [ 3/4pgvko "Ctc±rt, < Rtqlg" { 3/4pgvko " { c | , no nro , "xg" vco , o "ctc±rt, " r tqlgrgtkġ | co cp, pf c" xg" dĀ±g{ ng" vco co nro c" qtep nro p, "ctv, tedkġ 0 { k' { cr, nro p' , t, m , "dk" { c | , no "xg" ctc± "ugk' nro c' , { nro . " r tqlgrgtkġ" 72/82" qtep, pf c" dc ct, { nro vco co nro cu, "uc nro c' dġkġ 0

o Rtqvqr ngo g' xg" vco q' Vcuct, o "qf cm "CT/ I G' r tqlgrgtkġ g' r tqvqr ngo g' xg' kgt cu{ qp' uĀ±g±gtk' i gpgnġ" dc ct, "qtep nro p, "ctv, tedkġ 0 Dw" { 3/4pgo rgtkġ "gvġk" w' i nro cu, " r tqlgrgtkġ" 62/72" qtep, pf c" | co cp, pf c" vco co nro cu, pc" { ctf, o e, " qrdkġ 0

60 Tkunġ [ 3/4pgvko k' xg" ngk ko <

o Tkunġ [ 3/4pgvko k' Vcuct, o " r tqlgrgtkġ g" tkunġkġ gvġk" dk" gnkf g" { 3/4pgvko guk" dc ct, "qtep nro p, " qnv nro" { 3/4p' f " gvġkgt 0 Tkunġ [ 3/4pgvko k' w' i nro cmt, p, p' i Ā±Ā qnf w' r tqlgrgtkġ g. | co cp, pf c" xg" dĀ±g{ ng" vco co nro c' qtep, " 52/72" ctcu, pf c" qrdkġ 0

o ngk ko "xg" Mqqt f kpcu{ qp' < { k' dk" kġk ko "xg" nqqt f kpcu{ qp. " vco , o " r tqlgrgtkġ" dc ct, "qtep, p, "ctv, tedkġ 0 ngk ko k' xg" nqqt f kpcu{ qp' w' i Ā±Ā qnf w' r tqlgrgtkġ g. " r tqlgrgtkġ" ' 62/77" qtep, pf c" | co cp, pf c" xg" dĀ±g{ ng" vco co nro cu, "uc nro c' dġkġ 0

70 Gpf Āwt k' xg" kngv' Dc | n' Hctm, nro c' <

o Gpf Āwt k' Hctm, nro c' < Vcuct, o " r tqlgrgtkġ" dc ct, "qtep nro . " ugn 3/4 rgtg" i 3/4 g' hctm, nro i 3/4 vgt gdkġ 0 " tpg k. " qvqo qvxx" xg{ c' j cxce, nro k' k' { Āmgnġ nro c , m, nro xg' f Ā gprgo g' i gt gmġk gp' ugn 3/4 rgtf g. " dc ct, " qtep nro, " f c' j f Ā Ā nro c' dġkġ 0

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o kngv'F gpg{ko k'F gpg{ko r'xg'dÄ'Äm' kngv'g'g.'vcuct,o "qf cm,"CT/I G'r tqlgrtkp" co cp,pf c" xg'dÄ+g{ng"co co nro c"qtcprct,"i gpgnkmg'f cj c" {Änugmk0Dw' kngv'g'g.'i gpgnkmg'f cj c'k{k'khe {pcmct" xg'f gpg{ko ngtg'ucj k'vt0

I gpgn'qrcm'vcuct,o "r tqlg" {3pgvko k'f k'k' r'p'g'k'p'g'v'k'p' n'w'ncp,o .,"CT/I G'r tqlgrtkp" co cp,pf c" xg" dÄ+g{ng"co co nro c" qtcprct,p,"ctv,tedkkt0' Dc ct," qtcprct,p," {Änugmno gn'k'k'p' g'v'k'k' r' n'p'mo c." tkun' {3pgvko k'k' "cm ," {3pgvko k'xg'w'i w'p'ctc=rt,p' n'w'ncp,o ,"3pgo r'f k'0

**Anahtar Kelimeler:** Vcuct,o "r tqlg" {3pgvko k'dÄ+g{ng"r tqlg" {3pgvko k"} co cp,pf c" xg" dÄ+g{ng"r tqlg" co co nro cu,0

#### ABSTRACT

Keçp"uwo o ctk' g"y' g"i gpgtcn'v'gpf u'cpf "uqo g'ng{ "r qkpu'tgi ctf kpi "y' g'vko gn{ "cpf "dwf i g'v'eqo r r'kcpv' eqo r r'g'v'k'p' qh'T( F "r tqlgevu'wukpi "f guki p'r tqlgevo cpci go gpv'f k'uekr r'k'p'gu'cu' h'q'my u"

30 I gpgtcn'Uweegu<

o F guki p/Hqewugf "T( F "Rtqlgevu<Vj g'tcv'g'qh'vko gn{ "eqo r r'g'v'k'p' h'q't'f guki p/hqewugf "T( F "r tqlgevu' i gpgtcn{ "t'cpi gu" dgw ggp "52/72' 0' F guki p" r'j cugu" cpf "r t'q'v'v' r' kpi "r t'q'eguugu" ecp" k'p'et'g'cug" r tqlgevu' eqo r r'g'z'k'v' .r'g'c'f k'p' "v'q'r' q'v'g'p'v'k'n'v'ko g'cpf "dwf i g'v'f g'x'k'v'k'p'u0

o Ego r r'g'v'k'p' "Y k'j k'p' "Dwf i g'v'v'j g'tcv'g'qh' "eqo r r'g'v'k'p' "f guki p'r tqlgevu' y' k'j k'p' "dwf i g'v'ecp" dg" dgw ggp" 42/57' 0' E'j c'p' i gu'f w'k'p' "f guki p'r t'q'eguugu" cpf "y' g'x'q'n'w'k'p' qh't'g's w'k't'go g'p'u'ecp' "ecwug" dwf i g'v'q'x'g't'w'p'u0

40 K r'cev'q'h'F guki p'Rtqlgevu' cpci go gpv'F k'uekr r'k'p'gu<

o F g'v'c'k'g'f "R'c'p'p'k'p' "v'ko gn{ "eqo r r'g'v'k'p' qh'f guki p'r tqlgevu' cv'c' "tcv'g'qh'72/82' "ku'q'h'g'p' r' q'u'k'd'g' y' k'j " f g'v'c'k'g'f "r'c'p'p'k'p' "cpf "r tqlgevu' f g'h'p'k'k'p'u0 Vj g'o q't'g'f g'v'c'k'g'f "cpf "t'g'c'r'k'v'k'e "y' g'r tqlgevu' r'c'p'p'k'p' . "y' g'j k'j g't" y' g'v'k'g'k'j q'q'f "qh'vko gn{ "eqo r r'g'v'k'p'0

o Y q't'n'q'y "O cpci go gpv'v'g'v'k'g'o cpci go gpv'q'h'y q't'n'q'y u'f w'k'p' "y' g'f guki p'r t'q'egu'ecp" cu'k'v' k'p' "eqo r r'g'v'k'p' "r tqlgevu' y' k'j k'p' "dwf i g'v'cv'c' "tcv'g'qh'62/72' 0' Vj ku'ecp" dg"cej k'g'x'g'f "y' t'q'w'j "ceew't'cv'g' f g'h'p'k'k'p' "cpf "g'h'g'v'k'g'o cpci go gpv'q'h'y q't'n'q'y u0

50 F guki p'V'q'q'u'cpf "V'g'ej p'k's w'gu<

o Rtqlgevu' cpci go gpv'V'q'q'u'<Rtqlgevu' cpci go gpv'u'q'h'y ct'g'cpf "f guki p'v'q'q'u'ecp" k'p'et'g'cug" y' g't'cv'g'u' qh'vko gn{ "cpf "dwf i g'v'eqo r r'k'cpv' r tqlgevu' eqo r r'g'v'k'p'0 Y k'j "y' g'm'ut'w'ew't'g'f "u'q'h'y ct'g'cpf "v'q'q'u'g'w' "r tqlgevu' ecp" dg" u'weegu' h'm' "eqo r r'g'v'g'f "cv'c' "tcv'g'qh'72/82' 0'

o Rt'q'v'v' r' k'p' "cpf "k'g't'v'k'p'<K'p' f guki p/hqewugf "T( F "r tqlgevu' r' t'q'v'v' r' k'p' "cpf "k'g't'v'k'g' r' t'q'eguugu" ecp" q'h'g'p' "ko r t'q'x'g' u'weegu' "tcv'g'u0 G'h'g'v'k'g' "cr r' r'k'ec'v'k'p' qh'y' g'ug'o g'y' q'f u'ecp" j' g'r "k'p' "eqo r r'g'v'k'p' "r tqlgevu' q'p" v'ko g'cv'c' "tcv'g'qh'62/72' 0'

60 T kuni0 cpci go gpv'cpf "Eqo o w'p'k'v'k'p'<

o T kuni0 cpci go gpv'v'g'v'k'g'o cpci go gpv'q'h't'k'uni'k'p' "f guki p'r tqlgevu' r' q'u'k'x'g'n{ "ko r'cev'u' u'weegu' "tcv'g'u0 Rtqlgevu' y' k'j "ut'q'p' "t'k'uni' o cpci go gpv' r' t'cev'g'u" ecp" ce'j k'g'x'g'f "v'ko gn{ "cpf "dwf i g'v'eqo r r'k'cpv' eqo r r'g'v'k'p' "tcv'g'u' qh'52/72' 0'

o Ego o w'p'k'v'k'p' "cpf "Eq'q't'f k'p'c'v'k'p'<I q'q'f "eqo o w'p'k'v'k'p' "cpf "eq'q't'f k'p'c'v'k'p' "ecp" g'p'j c'p'eg' y' g' u'weegu' "tcv'g'qh'f guki p'r tqlgevu'0 Rtqlgevu' y' k'j "ut'q'p' "eqo o w'p'k'v'k'p' "cpf "eq'q't'f k'p'c'v'k'p' "ecp" dg" "eqo r r'g'v'g'f "q'p' "v'ko g' "cpf "y' k'j k'p' "dwf i g'v'cv'c' "tcv'g'qh'62/77' 0'

70 K'p'f w'ut { "cpf "Eqo r'c'p' { /D'cu'g'f "F k'h'g't'g'p'eg'u<

o K'p'f w'ut { "F k'h'g't'g'p'eg'u<Uweegu' "tcv'g'u' qh'f guki p'r tqlgevu' "ecp" x'ct { "d { "k'p'f w'ut { 0' H'q't' "g'z'co r' g' "k'p'f w'ut k'g'u' r'k'ng' "c'w'q'o q'v'x'g' "q't" c'g't'q'ur' c'eg' "y' j' k'ej "t'g's w'k't'g' "j' k'j "eqo r r'g'z'k'v' "cpf "t'g'i w'v'k'p' "o c { "j' c'x'g' "m'y g't" u'weegu' "tcv'g'u0

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○ Ego r cp{ "Gzr gtlkpeg<" k" g"zr gtlkpegf" cpf "nti g"eqo r cpkgu." y j"tcygu"qh" vko gn{ "cpf" dwf i gv  
eqo r ncpv'eqo r r gvkp"qh'f guki p/hqewugf "T( F "r tqlgeu'ctg'i gpgtcm{ 'j ki j gt0Vj gug'eqo r cpkgu'v{r kccm{ "  
j cxg'dgwgt'tguqwtegu'cpf"gzr gtlkpeg0

Qxgtcm"ghgevxg"wg"qh'f guki p"r tqlgev'o cpci go gpv'f kuekr kpgu'ecp"gpj cpeg"y j"tcygu"qh" vko gn{ "cpf "  
dwf i gv'eqo r ncpv' eqo r r gvkp" qh' T( F " r tqlgeu'0' Ghgevxg" r rppkpi ." tkunl' o cpci go gpv." y qtnmqy "  
o cpci go gpv."cpf "er r tqr tkvg"vqnl'wuci g'ctg'ko r qtcpv'ht'kpetgculpi "uweegu'tcygu0

**Keywords:**"F guki p"r tqlgev'o cpci go gpv."r tqlgev'o cpci go gpv'qp"dwf i gv."r tqlgev'eqo r r gvkp"qp"vko g"  
cpf"qp"dwf i gv0

"  
"

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#### BAĞIMSIZLIK HAREKETLERİ SONRASI DÖNEMDE AFRİKA'DAKİ ÇATIŞMALARIN ANA SORUNU OLARAK UTİ POSSİDETİS ETKİSİ"

#### THE UTİ POSSİDETİS EFFECT AS THE MAIN PROBLEM OF CONFLICTS IN AFRICA IN THE POST-INDEPENDENCE MOVEMENTS PERIOD

Dr. Öğr. Üyesi Cihan DABAN

*O gt ukp "©plxgt ukxguk" mkucf k'xg" f ct k'Drko rgt "Hcn'Änguk Wwurt ct cu," rk nkgt 'D'Äo Ä"*

#### ÖZET

Dw' ±cn o c" { Ä { ,mct" dq { wpec" u'ºo Ä Ängp" Chkne" mvcu,p,." mvcf cnk' dc ,o u, | nm' j ctgngvgtlpk' xg" dc ,o u, | nm'uqptcu,pf cnk'i grk o grgtk'nüp'w'cm cmcf,t0'KÖF Äp { c"Ucxc ,ø,p"qtvc { c"±,nö cu, { r"dk rkmg" u'ºo Äti gek'i Ängt"ctcu,pf c" { c cpep"tgndvg'f gpi grgtk'f g k vtf kÖ" | grkmg" Cmo cp { cø,p" { gpki kuk'rg" Chkne'of cnk'i Ä'f gpi guklp'f g k o guk'xg'f'ºpÄ o guk'muc'uÄtgf g'mvcf cnk'qno uw' j cxc { ,f gt k'rg vtf kÖ' KÖF Äp { c"Ucxc ,ºp'egukpf g'xg'uqptcu,pf c'Chkne'of c'qtvc { c"±,nep'ugpf knert.'xcm'net.'f gt pgnmt'xg'±g kur' uk'ki'vqr no "mwtwv rct,"Chkne"j cmct,p,p"dc ,o u, | n , "k+p"o Äecf grg"gw g { g"dc rcf ,0'Ucxc "uqptcu," f Äp { c'dct, ,p,'xg'i Äxgprk k'kluc no cnkf,pc'O kngvgt'Ego k' g'k'hw'wf wÖCpecn'Ego k' g'v'dct, ,uc no c" ±cdcm't,pf c" { ,h'herf,'xg'KÖF Äp { c"Ucxc ,ø,p'r cvcm'xgto guklp'gpi grg { go gf kÖKÖF Äp { c"Ucxc ,f g'xco " gf gtngp."CDF'xg'Dk'rg kn'Mtcm,m'rkf grgtk'dk'ctc { c"i grgtgm"dc v'f Äp { cf cnk'u'ºo Äti g'f Ä gpk'qno cni' Ä gtg" j go " dct, , j go " f g" i Äxgprk k' uc no cni' co ce, { r" 3; 63" { ,npf c" C'vcp'km' Dg { cppo guklp' ko | c'rcf,m't0'Dg { cppo g."O kngvgt'Ego k' guklp'rc xgf kn guklp'xg" Dk'rg o k "O kngvgt'Vg nk'cv,ø,p" mwtwv cu,pc'netct'xgto k v't0C { t,ec.'u'ºo Äti g'd'ºi grgtk'k+p'ngpf k'nef gt'kp'vc { kp'gvo g'uÄt geklp'f g'cnv,p," ±k' o k v't0Dw'netct."Chkne"j cmct, "k+p"i gpk'±cr n"dk"dc ,o u, | nm'uÄ geklp" { qn'c±o , v't0Dc ,o u, | nm' o Äecf grgrgtk'uc { guklp'g"Chkne"j cmct, "3; 72'øgtf gp"kkdctgp"dc ,o u, | nmct,p,"ne' cpo c { c"dc rcf ,m't0' DO "I gpgn'Mwtwvøwp"3736"uc { ,n"Mctet'Vcuct,u,w'ct,pec."3; 82'ø" { ,mct"gp"hc' r"dc ,o u, | "Änglpk" mwtwv w w' { ,mct'qno w wt0Chkne'n'kf grgt. " { gp'kdc ,o u, | 'q'rcp"Ängrgt'k'ctcf c'wwo cnko ce, { r"Chkne" Dk'rk k' ti Ä'ÄpÄ' mwt'wrt0' [ gpk' dc ,o u, | n ,p," ne' cpep" Ängrgt'kp" dk'dk'rgt'k'rg" ±cv, o c" j c'kof g" qno co cu,"k+p'u'ºo Äti gekgt'v'ctch,pf cp"±k' k'gp'u,p,rtct,.. { cpk'w'k'r qukf g'w'k'ngukp'k'ndwi'gw'rgt0Cpecn' dw'f wto "f c'j c'uqpte'ekf f'k'luqtwp'rtc'f'ºpÄ v'Äp'ÄpnÄ'w'k'r qukf g'w'k'öucj kr "q'rf w wp" g'k'grkpf g'w'xg'f c" pg'f'ucj kr usp'qpc'ucj kr "±nö"cpnc { ,pc'f c { cpf, , "k+p"Chkne'n'ctcu,pf c'u,p,t'cpnc o c | nmct,pc" { qn' c±o , v't0'±cv, o cp,p" | co cp"ktgt'k'upf g'nene,"dk'uqtwpc'f'ºpÄ v'Ä Ä'xg"i ÄpÄo Ä g'nef ct'f g'xco "gw'k' k' i ¼ ngo ngpo k v't0Dw'±cn o c."dc ,o u, | nm'uqptcu,'f'ºpgo f g'w'k'r qukf g'w'k'ngukp'g'xg'dwpwp'Chkne'of cnk' ±cv, o c'rt'Ä' gt'kpf gn'g'w'k'upg'i gpgn'dk'dcm' 'u'wpo cmcf,t0'

**Anahtar Kelimeler:** U'ºo Äti gek'km'Chkne'M,vcu,."Dc ,o u, | nm'U,p,rtct'xg'±cv, o c"

#### ABSTRACT

Vj ku'uwf { 'h'ewugu'qp'vj g'Chk'lecp'eqpv'k'g'p'v'y j lej 'j cu'dggp'eqmpk'gf 'h'q'egpwt'ku.'vj g'k'pf gr gpf gpeg" o qxgo gpw'qp'vj g'eqpv'k'g'p'v'cpf 'f g'xgrq' o gpw'chgt'k'pf gr gpf gpeg0Y kj 'vj g'qwdt'gcm'qh'Y qtrf "Y ct "K" vj g'eqo r g'v'k'qp'dgy ggp'vj g'eqmp'k'n'r qy gtu'ej cpi gf 'vj g'dc'rcpeg0Vj g'ej cpi g'cpf "v'cp'uh'qto cv'k'p'qh' vj g'dc'rcpeg"qh'r qy gt'k'p'Chk'lec."gur gekm' { y kj "vj g'f gh'cv'qh'I gto cp { ."uqpp" f ggr g'p'f "vj g'p'gi cv'xg" cv' qur j gtg" qp" vj g' eqpv'k'g'p'v' Vtcf g" wp'k'pu." h'qwp' cv'k'pu." cu'qek'cv'k'pu." cpf " xct'k'wu" ek'k'n' u'qek'v' " qti cp'k' cv'k'pu'vj cv'go gti gf 'kp'Chk'lec'dgh'gt'g'cpf 'chgt'Y qtrf "Y ct "K'dgi cp'v'k'i j v'ht'vj g'k'pf gr gpf gpeg" qh'Chk'lecp'r gqr ngu0'Chgt'vj g'y ct."vj g'Ngci wg'qh'P cv'k'pu'y cu'guc'dr'kj gf "v'q'g'puwt'g'y qtrf "r g'ceg'cpf" u'gew'k'v'0J qy g'xgt."vj g'Ngci wg'y cu'y gcm'k'ku'gh'ht'u'v'q'cej k'xg'r' g'ceg'cpf 'h'k'rg'v'q'r' t'g'x'gp'v'j g'qwdt'gcm' qh'Y qtrf "Y ct "KÖCu'Y qtrf "Y ct "K'Eqpv'k'w'gf .vj g'g'c'f gtu'qh'vj g'W'p'k'gf "U'cv'gu'cpf "vj g'W'p'k'gf "M'k'p' f qo " eco g'v'qi g'j gt" cpf "uki p'gf "vj g'C'vcp'k'Ej ct v't'kp"3; 63"kp" qtf gt"v'q'g'puwt'g'dqy "r g'ceg'cpf "u'gew'k'v'." gur gekm' { vj g'eqmp'k'n'qtf gt'k'p'vj g'y qtrf 0Vj g'f g'ert'cv'k'p'y cu'vj g'f gek'k'p' "h'q"vj g'cd'q'k'k'p'qh'vj g'



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Ngci wg"qh"P c¼qpu"cpf "vj g"etgc¼q"qh"vj g"Wpkgf "P c¼qpu"Qti cpk¼ c¼q"K'c¼q"wpf gtrkpgf "vj g"r tqegu" qh'ugrh/f gyto kpc¼q"ht"eqm¼cn'gtrkqtkgu0Vj ku'f gek¼q"rgf "¼"ç"rti g/uecr"r tqegu"qh'¼pf gr gpf gpeg" ht"vj g"r gqr rgu"qh'Çt¼ec0Vj cpm¼"¼"vj gk'¼twi i r¼ht"¼pf gr gpf gpeg."Çt¼ecp"r gqr rgu'dgi cp"¼"i çk¼"vj gk" ¼pf gr gpf gpeg"¼"vj g"3; 72u0¼"çeeqtf cpeg'y kj "WP "I gpgtc¼Cuugo dn¼ "Tgu¼nw¼q"3736."vj g"3; 82u'¼cy " vj g"j ki j gu'pwo dgt"qh'¼pf gr gpf gp'v¼eqwpt¼gu0Çt¼ecp"rgcf gtu'etgc¼gf "vj g"Qti cpk¼ c¼q"qh'Çt¼ecp"Wpk¼" vq"nggr "vj g"pgy n¼ "¼pf gr gpf gp'v¼eqwpt¼gu"¼qi gj gtu'Vj g¼ "çeeqr v¼f "vj g"r t¼ekr r¼"qh'w¼'r qu¼kf g¼ku."vj g" dqt¼f gtu"qtki kpc¼ { "f tcy p"d { "vj g"eqm¼k¼ gtu."uq"vj c¼"vj g"pgy n¼ "¼pf gr gpf gp'v¼eqwpt¼gu"y qwf "pqv'dg"¼" eqph¼ev" y kj "gcej "qvj gtu'J qy gxgt." vj ku"ukw¼c¼q"r¼gt" wtpgf "¼q" ugt¼qu" r tqdrgo u' Dgecwug" w¼' r qu¼kf g¼ku/ku'dcu¼f "q¼"vj g'p¼q¼q"qh'ðnggr 'y j c¼'¼ q¼'¼ c¼g.\$¼v¼ cu'¼gf "¼"dqt¼f gtu'f kur wgu'dgy ggp'Çt¼ecpu' K¼' cu'dggp"qdugt¼gf "vj c¼"vj g"eqph¼ev"j cu'wtpgf "¼q"ç"r gto cpgpv'r tqdrgo "q¼gt"¼ko g"çpf "j cu'eqw¼pwgf" w¼w¼'¼qf c¼'0Vj ku'¼wf { "r tq¼k¼ gu'çp"q¼gt¼k¼y "qh"vj g"r t¼ekr r¼"qh'w¼'r qu¼kf g¼ku"¼"vj g"r quv¼pf gr gpf gpeg" r g¼kf "çpf "ku'ko r c¼v¼q"eqph¼ew¼"Çt¼ec0

**Key Words:** Eqm¼c¼kuo . "Çt¼ecp"Eqw¼pgpv."¼pf gr gpf gpeg."Dqt¼f gtu'çpf "Eqph¼ev"

"

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#### HO-MOF-METAL-ORGANIC-FRAMEWORK-BASED TRIBOELECTRIC NANOGENERATOR FOR SELF-POWERED DEVICES

*Erdal Kurt<sup>♣</sup>, Burak Çoban<sup>†</sup>, Ahmet Aykaç<sup>♣</sup>, Gül Yakar<sup>♣</sup>*

*F grct vo gpv'qhl'Gpi kpggt kpi 'Uekgpegu.'Hcewv' qhl'Gpi kpggt kpi . 'K o k t 'Mevkr 'EgrgdK'Wpkxgt ukş . 'Eki rk "*  
*57842'K o k t . 'Vwt ngl Ö*

*Ä'F gr ct vo gpv'qhl'Rj {ukeu.'Hcewv' qhl'Ctv'cpf 'Uekgpeg.'Dcrkngukt 'Wpkxgt ukş . 'Dki cf ke.'32367'Dcrkngukt . "*  
*Vwt nkş g"*

*Gtf cnlMwt v<qt ekş 'kş <2222/2223/736: /: 27; "*

*Dwt cnl¥ qdcp<qt ekş 'kş <222262225/56: : 674: 6"*

*Cj o gv'C{nc ±<qt ekş 'kş <2222/2223/7277/4: 35"*

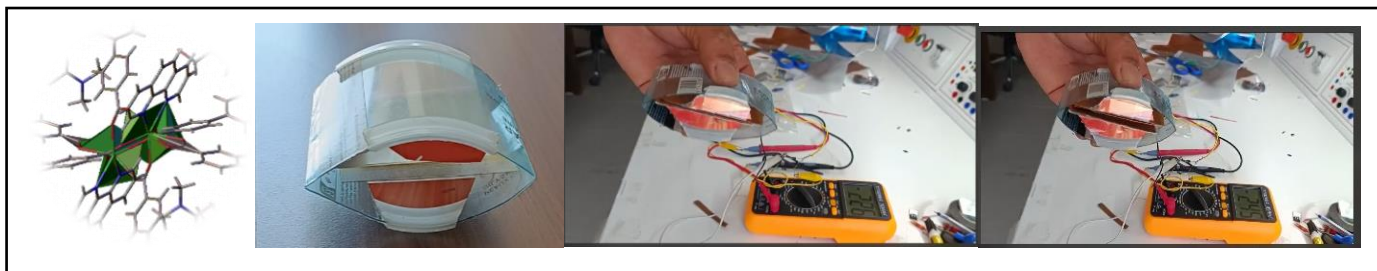
*I Änl[ cnv n<qt ekş 'kş <2222/2223/8547/84: Z"*

#### ABSTRACT

Cu'j wo cpkv' r tqi tguugu'tcr kf nş . 'k'hcegu'c'iqv'qhl'ej cmgpi gu'y kj 'ewttgpv'gpgti { 'uqwtegu0J gcx{ 'tgrkpeg" qp'iko kşgf 'hquukl'hwgnu'r qugu'yj g'vj tgcv'qh'gpgti { 'f gr ngkqp'cpf 'i nqdcn'y cto kpi 0P gy "grgestqple'f gxlegu" j cxg'dggp'f gxgnr gf "v'cf f tguu'yj g'uj qtveqo kpi u'qhl'tcf kkkpncn'gpgti { 'uqwtegu0Kp'vj g'hceg'qh'yj g'gpgti { " cpf "gpv'ktpo gpv'crl'etkuku'cpf "vj g'i tqy kpi "f go cpf "hqt'uwucl'pcdng'gpgti { . 'v'kdqrgextle'pcpqi gpgtcvqtu" \*VGPI u+"j cxg'go gti gf "cu'c'r tqo kşkpi "vej pqmş { 0'VGPI u'r tqxkf g'c'uko r ng'cpf "ghhgevkşg'o gcpu'qh' eqpxgtv'kpi "o gej cplecn'gpgti { 'It qo "vj g'gpv'ktpo gpv'lpv'g'grgestlecn'gpgti { "cpf "j cxg'vj g'r qv'p'v'cn'v'q'dg" eqo r gk'kşg'r qy gt "uqwtegu'hqt'ugr'r qy gtgf "grgestqple'f gxlegu0Qwt'y qtrf "ku'tlej 'kp'o gej cplecn'gpgti { " uqwtegu'uwej "cu'xktdcv'kşp. "y cvgt "hşy . "y kşf "cpf "j wo cp"o qv'kşp. "y j lej "j cxg'dggp'rcti gn' "qxgtmqmşgf 0' VGPI u'ecr kcrkug'qp"vj ku'd{ "wukpi "vj g'eqp'cev'qh'f khtgtgpv'o cvgtkcn'u'q"i gpgtcvg"c"ucv'ke'ej cti g"y j gp" eqpxgtv'kpi "o gej cplecn'gpgti { 'kp'v'g'grgestlecn'gpgti { 0'Vj g'xctkşv' "qh'o cvgtkcn'cxk'c'rdng"o cngv'VGPI u' uwk'cdng'hqt'tgugctej "cpf "f gxgnr o gpv'hqewuşgf "qp'ghh'ekşpe { "cpf "cr r r'ecdk'kşv{ 0

Kp'vj ku'uwf { . 'y g'c'ko gf "v'gpj cpeg'vj g'r gthqto cpeg'qh'v'kdqrgextle'pcpqi gpgtcvqtu'd{ "wukpi "O QH'dcuşgf " o cvgtkcn'0' J q/O QH" utwewtg" y cu' u{pvj gukş gf " hqt" "vj ku" r wtr quş0' " Ukpi ng" et{ucn' qh' }J] q\*DVD+şr j gp+ . \*F O Hş p"3+y gtg'uweeguu'wmş "qd'cv'kşgf "d{ "c'uc'kşv'v'j gto c'nş gj qf 0Ku'ukpi ng'et{ucn' utwewtg"y cu'f gvgto kşgf "vj tqwi j "ukpi ng"et{ucn'Z/tc{ "f kht'cev'kşp"o gj qf " \*UEZTF +0'5F"o qrgewrct" utwewtg. "i gqo g'v'kcn'r c'tco gvgtu"cpf "kp'vc"cpf "kp'vgt"o qrgewrct"kp'vgt'cev'kşpu"qh'vj g"o qrgewrct"y gtg' cej lşxşgf "kp'et{ucn'r j cug0Chşgt'hcdt'lec'v'kpi "vj g'vj kp'hkm"o qf g'vj g'VGPI "f gxleg'y cu'f gukş pgf "d{ "wukpi "vj g'vj g'vj kp'hkm "J q/O QH'utwewtg'cpf "r qn'co kf "o cvgtkcn'cu'c"o cvgtkcn'r cktu0Vj g'qwr w'r gthqto cpeg" qh'vj g'VGPI "f gxleg'hcdt'lec'v'kşgf "y kşj "vj g'RO O C IJ q/O QH'r ckt'uj qy gf "xcn'şu'qh'50'X"qr gp'ek'ewk' xqnci g'y j lej ""gp'cdngf ""NGF "dwrdu'v'k'i j v'w'0Kp'hmwtg'y qtmu. "k'ku'c'ko gf "v'q'd'cv'kşp"j ki j gt'ghh'ekşpe { " d{ "ej cpi kpi "vj g'o cvgtkcn'r cktu'cpf "VGPI "r c'tco gvgtu0

**Keywords:** Vtkdqrgextle'pcpqi gpgtcvqt. 'ergcp'gpgti { . 'O QH'utwewtg"



*The working scheme of the our TENG*

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#### OSMANIYE YER FISTIĞI KULLANILARAK TÜRK KAHVESİ GELİŞTİRİLMESİ ÜZERİNE BİR ÇALIŞMA A STUDY ON THE DEVELOPMENT OF TURKISH COFFEE USING 'OSMANIYE PEANUTS

Lecturer Şeyda YAYLA

Quo cpkğ'g'Mqtmw'Cvc'Wpkxgt ukğ. 'F gr ctwo gpv'qhl' cmt qpqo { "cpf 'Ewkpct { 'Ct u. '2222/2225/5634/852; "

Assoc. Prof. Dr. Önder YAYLA

Quo cpkğ'g'Mqtmw'Cvc'Wpkxgt ukğ. 'F gr ctwo gpv'qhl' cmt qpqo { "cpf 'Ewkpct { 'Ct u. '2222/2224/9; 89/3: 27"

#### ÖZET"

I grppgmgn'VÄm'neç xguk'p'rgl | gv'xg'uwpwo "c±,u,pf cp"i grk vktro guk"uqp" { ,mctf c"i cutqpqo k'cncp,pf c" ÄÄp"±g krgpf kto g"±cn o crct,p,p'pgo rkd'k'r ct±cu, 'j crkp'g'i gm k vktODw'±cn o c."Quo cpkğ'g'p'p'eq tch' k ctgvk' ÄÄp'Ä"qncp" { gt"hu, ,p, "mwncpcteni" { gpk'k'k'k' dk"VÄm'neç xguk"i grk vto g{k'co c±ro cmcf ,tO' ¥cn o c"ner uco ,pf c." { gt"hu, ,pf cp"uÄv'xg"ntgo c"grf g"gf kn k vkt±ctf ,pf cp"dw'dkrg gprgt."i grppgmgn' VÄm'neç xguk' krg" hctm, "qtcprctf c" j cto cprcpceni' qr vto wo " dk" rg | gv' f gpi guk' uc ncpo , vtO' CÄp" i grk vto g"uÄgek"7" w' o cpf cp" qnw cp" dk" r cpgn' vctch,pf cp" f w' wucn' cpcrk' rgtg" f g gtrgpf ktko k vktO' F w' wucn'cpcrk' rgtf g."neç xguk'ctqo c."cv."f qmw.'tgn'xg"i gpgn'dg gpk'i kdk'ntkgrgt"ÄÄ gt'p'f gp'r wcpwo c" { cr ,m , vtO'C { t.ec."i grk vktkrg "dw" { gpk'neç xg"±g kf k'p'p'dguk'f g gtrgt'cpcrk' "gf krgtgm'neçrtk'r tqv'p." { c "xg"ncdqj kf tev'k±gtkmg'k'dgrk'rgpo k vktO'¥cn o cp,p'uqpw±ct., " { gt"hu, , "krg" | gpi krg vktro k "VÄm'neç xguk'p' ¾ grnkmg" i gp±" vÄngv'ekrgt" vctch,pf cp" dg gpk'rg" net ,ncpedkrgg k'p' xg" { k'gegmk±gegn' k rgvo grgt'k' k'p" hctm, " dk" o gpÄ" cngt'p'v'k'k' uwpcdkrgg k'p' i ¾vgt'o gmgf k'O' [ gt" hu, ,p, " { gpk'k'k'k' mwncp,o ,p, " v'g xkn' gf gp" dw" ±cn o c."i cutqpqo k' cncp,pf c" ÄÄp" i grk vto g" xg" vÄngv'ek' vteçj rgt'p'k' ±g krgpf kto g"±cdcrct,pc'ncv'm"uc n { cecm,tO'C { p, | co cpf c."dw'vÄ" { gpk'k'k'k'w'i wro crct,p"Quo cpkğ'g" { gt"hu, ,p,p"gnppqo kn'f g gtp'k'ctv'ctcni'd¾i gugn'ncmpo c { c'ncv'm'uwpcec , 'f ÄÄp'Äo gmgf k'O'

Anahtar Kelimeler: "Quo cpkğ'g" { gt"hu, , "VÄm'neç xguk"i cutqpqo k'ÄÄp"i grk vto g'O'

#### ABSTRACT"

Vj g'gpj cpego gpv'qhl'tcf k'k'qpcn'Vwtnkuj "eqhgg"lp'v'gto u'qh'ncxqt"cpf "r tgu'p'v'k'p'j" cu't'ge'p'v' "d'ge'qo g" c'uki p'k'ecp'v'r ctv'qhl'r tqf wev'f kxgtuk'k'ecv'k'p"gh'qt'u'lp'v'j g'i cutqpqo { "h'grf O'Vj ku'uwf { "cko u'v'q'f g'xgmr" cp'k'ppqxcv'xg'Vwtnkuj "eqhgg"d { "w'k'k' k'pi "Quo cpkğ'g'u'i gqi tcr j k'cnc' 'k'p'f k'ecv'f "r tqf wev'f gcpwuO'Cu't'ctv' qh'v'j g'tgugctej .r gcpw'w' km'c'p'f "etgco 'y gtg'r tqf wev'f .y j lej 'y gtg'v'j gp'drgpf gf 'y kj "tcf k'k'qpcn'Vwtnkuj " eqhgg"lp"xct { k'pi "r tqr qt'v'k'p'u'v'q'ceç k'xg'cp"qr vto c'n'ncxqt"dcncpegO'Vj g'r tqf wev'f g'xgmr o gpv'r tqegu" y cu'g'x'c'ncv'f "v'j tqw'j "ugpuqt { "c'pnc' u'ku'eqpf wev'f "d { "c'r c'p'gn'q'h'7"gzr gt'u. "y j q'tc'v'f "v'j g'eqhgg"dcugf " qp"et'k'gt'k' "uweç "cu'ctqo c."cv'g."v'gzwtg."eqmt."cpf "q'xg'tcm'ceegr vcdk'k'v' O' Cf f k'k'qpcn' .y j g'p'w't'k'k'qpcn' eqpv'p'q'h'v'j ku'pgy "eqhgg"xct'k'v' "y cu'c'pnc' | gf ."k'p'nc'f k'pi "ku'ecm't'k'g."r tqv'k'p."hc."cpf "ectdqj { f tcv'g' r'x'g'uO'Vj g"t'g'u'w'u"uwi i guv'v'j cv'r gcpw'w'k'p'hw'g'f "Vwtnkuj "eqhgg"eqw'f "cr r gcn'r ct'v'k'w'ct'n' "v'q" { q'w'p' gt' eqpuwo gtu'cpf "ugt'xg'cu'c"wp'k'wg'o gpw'cngt'p'v'k'xg'h'qt"hq'f "cpf "dgxgt'ci g"gu'cd'k'uj o gpwuO'Vj ku'uwf { " r tqo q'v'u" v'j g" k'ppqxcv'xg" w'g" qh' r gcpwu" k'p" v'j g" h'q'f "k'p'f w'ut { ."eqp'v'k'w'k'pi "v'q" gh'qt'u" k'p" r tqf wev' f g'xgmr o gpv'cpf "eqpuwo g't'r t'gh'gt'p'eg'f k'xgtuk'k'ecv'k'p"y kj k'p"i cutqpqo { O'O qt'g'x'gt."uweç "k'ppqxcv'xg" r t'c'v'legu'ct'g'gzr gev'f "v'j gpj c'peg'v'j g'ge'q'p'qo k'e'x'c'nc'g'q'h'Quo cpkğ'g'r gcpwu."v'j gtd' { "uwr r qt'v'k'pi "t'gi k'qpcn' ge'q'p'qo k'e'i tqy v'j O'

Keywords<Quo cpkğ'g'r gcpwu."Vwtnkuj "eqhgg."i cutqpqo k'e'r tqf wev'f g'xgmr o gpw'O'



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### KÜLTÜR VİTRİNİNDEKİ UNSURLARIN YABANCI DİL OLARAK TÜRKÇE ÖĞRETİMİ DERS KİTAPLARINDAKİ ANALİZİ: ANAHTAR (A2 DÜZEYİ) ANALYSIS OF THE ELEMENTS IN THE CULTURE SHOWCASE IN TEACHING TURKISH AS A FOREIGN LANGUAGE TEXTBOOKS: KEY (A2 LEVEL)

Gönül SÖYLER

MU©'Cx ct 'Mc o rAuÃ

QTEKF 2222/2225/64; 4/9627"

#### ÖZET

Uqu{cn'dk'xctnm'qrcp'kpucpq nw'lj vk'c±ret,p,'net ,no cml'k±p'dc ne'lpucp±ret±g kırk' gnkmgf'g'kgk ko " m±to c{c'±cn o , . 'dw'kgk ko " gmkf'gxkf'gp'f'gxtg'f'g ko gmg'dgtcdgt'vqr nwo rct'ctcu,pf'c'f'g k knkn' i ¾vngto k vt'ODw'f'g k lo f'g'eq tch'napwo wp'r c{,'{cf u,pco c{cecml'nef'ct'dÃ{ ÃmÃt'OF k gt'vqr nwo rct±c' kgk ko kf'q c'xg{c'uk'cuk'dcum±ret'p'gf'gpk'ig'gpi gmgpo k "vqr nwo rct±c'cn'xgk'kf'g'g'vknkgp±g'gm' mÃmÃt'rg o g'i gt±gmg o go gmg'f'c'f'c'±qnl'c' i gt±gmg o gmg'k'OI ÃpÃo Ã f'g'vgnpqrll'kp'i grk ko khctm," mÃmÃt'rgt'k'±cp,o c'h,tucv,'uwo cmef ,tOF Ãp{cf cnk'mÃmÃt'rgt'gp'dc| ,ret,p,p'f'c'j c'hc| re'f'kmev'±gno gul'p'g' napw wt'wpw'hc| rñ , . 'k . 'uc n,m'ÃmÃt'g'vknkgp'±pgo KdÃ{ ÃmÃt'OF k'¼ tgpko k'ucf'geg'i tco gt'¾ tgpko k' qm cf , , " k±p' j gf'gh' f'kf'gnk' mÃmÃt'Ãp'¾ tgpko gul' q' vqr nwo wp' f'extcp , . " f'w{i w' xg' f'Ã Apegul'kp' cprc ,no cu,'f'go gmk'ODw'co ec'f'¾p'grkn'ign'p'qo knic±f'cp'f'ki'¾ tgpgo gf'g'gp'±qnl'c' xwt'wcp'o cvgt' {cnf'ki' ¾ tgv'p'hkcr rctf ,tOMkcr rct,p'f'c'mÃmÃt'rgt'ctcu,'kgk ko f'g'mÃmÃt'Ã'cmcto cu,'i gt'gno gmg'f'k'OW'wucm ,p," uc no , "dk'vqr nwo f'c'kgk ko "m±to cml'k±p'f'g'mÃmÃt'| gpi k'p'k'kp'qr'f'w'w'xkt'p'g'c'±t,pv,n'dcno cml' i gt'gno gmg'f'k'ORgnk'mÃmÃt'p'gf'k'."mÃmÃt'xkt'p'p'f'g'f'gt'c'rcp'kno cu,'i gt'gng'p'wpuw'rt'p'grt'f'k'Ã

Dw' ±cn o cf c" 4244" { ,npf c" {c| ,p±cpo , " f'c'j c" ¾peg' Ã gtp'f'g' ±cn o c" {cr ,no co , " qrcp" Cpcj vct" [ cdcpe,ret" ±p"VÃm±g" tgvko k'F'gtu'Mkcd,"c4"ugxk'gul'p'f'g'f'gt'c'rcp'mÃmÃt'gn'wpuw'rt',"vgur'k'gvo gnl' co ce,{re' f'qmÃo cp' cperk'k' {cr,rcten' mÃmÃt' wpuw'rt'," cn' de n±mct'f'c" u,p,hrcpf,t,no , vt'0' Dw' u,p,hrcpf,to cf c" mÃmÃt' cmct,o ,pf c" ±gt±g±g'k'±k'gp"Cxtw'c" F'kngt'k'" tgvko k'Qtcm'±gt±g±g" O gvp'k' Dkf'ki'gul'p'f'gnk' ðl'Ãp'm' [ c co ." [ c co " Mq wrc±t ,. " Mk'kg't'ctcu," ik'nkgt." Fg'gtrgt." pcp±rt." Fextcp ,rt."Uqu'cn'l' grgp±gmg'." Cf'gv'Qrw " Fextcp ,rt'ö'dc n±mct,pf c'f'gt'c'rcp'±go gr'xg'cn'mÃmÃt'gn' f'g' gtrgt'f'kmev'±g'ncpcten'±cn o c'ne {pc ,pf c'f'gt'c'rcp'mÃmÃt'gn'wpuw'rt'vgur'k'gf'kno k vt'0'

Uqpwe'qrcem'f'ki'¾ tgvko k'xg'mÃmÃt'cmct,o , "g | co cpn'kngt'f'k'k'±p'f'ki'dki'kul'm±t'cmct,p,"xgt'k'ngp' j gf'gh'f'k'p'mÃmÃt'Ãp'Ã'xgt'geg'nl'±g'kngt'p'f'g'o wrcne'nkcr rctf'c'f'gt'c'mo cu,"¾ tgpel'kp'ngp'f'k'mÃmÃt'Ã'rg' j cto cprco cu,"¾ tgv'k'p'f'ki'¾ tgv g'g'g'vkn'p'k'p'±cp,pf c'mÃmÃt'g'j -nko "qm cu,"mÃmÃt'Ã'±cp,v'tngp' ¾p'f'cti ,ret,p,"¾ tgpel'kngt'p'±cpu,voc cu,"¾pgo r'f'k'0' ±p'f'g'f'c'cp,rcp'vqr nwo wp'mÃmÃt'Ã'cprc ,no cf'cp' f'kf'gnk'¾ e'Ãmgt'p'le'Ão rgrt'p'xgto gml'kg'f'k'f'w{i w'f'Ã Apeg'cprc ,no c'cten'lpucp±ret'net ,u,pf'c'f'qt' f'wtwo c'f'Ã o g'g'f'qnl'c±cec±m,tOMÃmÃt'Ã'¾ tgpgo gnl'cuko kg'qm cml'cprco ,pe'f'c'f'gm go grk'mÃmÃt'rg o g' g'vkn'k'qm cnf ,tOMÃmÃt'kg'f'ki'f'q t'w'qtc±p,"kg'dk'k'p'k'g'vkn'g'f'k'k'±p'f'ki'¾ tgvko "ne {pcn±mct,pf c'f'c' mÃmÃt'g'ck'wpuw'rt'c'±qm±c'f'gt'xg'kno gr'f'k'0'

Anahtar Kelimeler: 'F'kn'mÃmÃt'."mÃmÃt'gn'wpuw'rt'."f'ki'¾ tgvko k'f'gtu'nkcd,"

#### ABSTRACT

Dgkpi "c"uqekr'dgkpi . "j wo cp'dgkpi u'j cxg'tkgf'vq'eqo o wplecv'g'y kj "qj gt'r qqr rg'lp'xct'kqu'y c'f'u'vq' o gg'v'j gt'p'ggf'u."cpf'v'ku'hqto "qh'eqo o wplecv'q'p'j cu'ej cpi gf'lt'qo "gtc'v'gtc."cu'y gm'cu'dgy ggp' uqel'g'v'gu'V'j "uj ctg'qh'i gqi tcr j kcn'necv'q'p'lp'v'ku'ej cpi g'ku'wp'f'g'p'k'cdn' "i tgc'0'k'p' uqel'g'v'gu'y j qug' eqo o wplecv'q'p'y kj "qj gt' uqel'g'v'gu'ku'r t'gx'p'v'g'f'd' { "pcwt'g'qt'r qrk'k'cn'r' t'guw't'gu."eww't'cn'g'zej cpi g'ku' cnq'ch'ge'v'f'cp'f'ceeww't'cv'q'p'f'gqu'p'q'v'cng'r'neg'qt'v'cngu'r'neg'xgt' { 'hk'v'g'0'V'q'f'c' . "v'j'g'f'g'x'g'qr o gp'v'qh'

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

vej pqrq { "qhgutu'y g'qr r qtwpk\ "v'i gv'v'hpqy "f khtgpv'ewmwtgu0Vj g'ko r qtvcpeg'qh'y g'kphwpeg'qh' yj g'pwo dgt'qh'ur gcngtu."y qtm'j gcnj . "ewmwtg'ku'ko r qtvcpv'kp"cwtevpki "o qtg'cwgpvkp"v'uqo g'qh'y g' ewmwtgu'kp"yj g'y qtrf 0Ukpeg'rcpi wci g'rgctpkpi "ku'pqv'qpn\ "i tco o ct'rgctpkpi .rgctpkpi "yj g'ewmwtg'qh'y g' vcti g'rcpi wci g"o gcpu"wpf gtucpf kpi " y g" dgj cxkqt. "hggkpi u"cpf " y qwi j u"qh'y cv' uqelgv\ 0'Hqt " y ku' r wtr qug."Htqo "cp"geapqo le'r qkp'qh'xky . "yj g'o quv'eqo o qpn\ "wugf "o cvgtkcn'kp"rcpi wci g'rgctpkpi "ku' rcpi wci g'vgej kpi "dqqu0Dqqu'cnuq'pggf "v'eqpxg\ "ewmwtg'kp'kpvgtewmwtcn'eqo o wplecvkp0Kp"qtf gt"vq" eqo o wplecv'kp'c' uqelgv\ "yj cvj cu'cej kxgf "ku'pvcv'pckv\ . 'k'ku'pgeguuct { "v'hqnm'kp'f gckn'cv'y g'lj qy ecug" qh'ewmwtcn'lej pguu0Uq'y j cv'ku'ewmwtg."y j cv'ctg'y g'grgo gpw'yj cv'ctg'lj qwrf "dg'kpenmf gf 'kp'yj g'ewmwtg" uj qy ecugA

Kp'yj ku'uwf { . "kp"qtf gt"vq"fgvto kpg'yj g'ewmwtcn'grgo gpw'kp'yj g'Mg\ "Vgcej kpi "Vwtkuj "hqt"Hqtgki pgtu" Vgzv'qnm'c4"rgxgn"y j lej "y cu'r wdkuj gf "kp"4244"cpf "j cu'pqv'dggp"uwf kfg "dghqtg."f qewo gpv'cpcn\ uku" y cu'eqpf wvvgf "cpf "ewmwtcn'grgo gpw"y gtg"ercu'kkgf "wpf gt" uwdj gcf kpi u'0'kp" y ku'ercu'kkk'ecv'kp." yj g' ewmwtcn'grgo gpv'kp'yj g'uwf { "uqwtg"y cu'f gvtgto kpgf "d\ "v'cnkpi "kp'vq"ceeqwpv'yj g'dcule"cpf "u'wde'ewmwtcn' xcnwgu"wpf gt" yj g'j gcf kpi u'qh'0F ckn\ "Nkhg."Nkxkpi "Eqpf kxkpu."Kp'vtr gtuqpcn'Tgrv'kpu."Xcnwgu."Dgrkghu." Dgj cxkqtu."Uqelcn'Vtcf kxkpu."Ewawo ct { "Dgj cxkqtu'0'kp'yj g'F geretcv'kp'qh'yj g'Eqo o qp'Hico gy qtm'Vgz' hqt'yj g'Vgcej kpi "qh'Gwtqr gcp"Ncpi wci gu."y j lej "f tcy u'yj g'Hico gy qtm'hqt'ewmwtg'v'cpuhgt0

Cu'c'tguw'ukpeg'rcpi wci g'vgej kpi "cpf "ewmwtg'v'cpuhgt'r tqi tguu'uko wncpgqwan\ . 'k'ku'ko r qtvcpv'yj cv'yj g' eqpv'v'yj cv'y kmi kxg'yj g'ewmwtg'qh'yj g'vcti gv'rcpi wci g'uj qwrf "dg'kpenmf gf 'kp'yj g'dqqu'y j krg'i kxkpi "yj g' i tco o ct'twgu."yj cv'yj g'uwf gpv'drgpf u'k'y kj "j kulj gt"qy p'ewmwtg."yj cv'yj g'vgej gt"j cu'c'i qqf "eqo o cpf " qh'ewmwtg'cu'y gm'cu'j kulj gt"eqo r gv'peg'kp"vgej kpi "rcpi wci g."cpf "yj cv'yj g'lj g'f qgu'pqv'tgh'gev'j kulj gt" r tglw'legu'vq"yj g'rgctpgtu'y j krg'kpv'qf vekpi "yj g'ewmwtg'0Y kj qw'wpf gtucpf kpi "yj g'ewmwtg'qh'yj g'uqelgv\ " kp'yj j lej "qpg'rkxgu."yj g'go qv'kp'lj qwi j v'yj cv'yj g'y qtf ulugpv'gegu'kp"yj g'rcpi wci g'y cpv'vq'i kxg'y kmi'pqv' dg"wpf gtucqf "cpf "y kmi'gcf "vq"c" f k'k'ewm'ukwcv'kp'kp'ht'qp'v'qh'r gqr rg0Ngctpkpi "ewmwtg'uj qwrf "pqv'o gcp" cu'ko krcv'kp="ceewmwtcv'kp"uj qwrf "dg'gh'gev'kxg'0Ukpeg'ewmwtg"cpf "rcpi wci g'ch'gev'gcej "qy gt"kp'f k'gev' r tqr qt'v'kp."grgo gpw'qh'ewmwtg'uj qwrf "dg'kpenmf gf 'kp'rcpi wci g'vgej kpi "tguqwtegu0"

**Keywords:** 'Ncpi wci g."ewmwtg."ewmwtcn'grgo gpw."rcpi wci g'vgej kpi "vgzvdqnm'

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#### BAYKAN SEZER SOSYOLOJİSİNDE DOĞU-BATI AYRIMI EAST-WEST DIFFERENCE IN BAYKAN SEZER SOCIOLOGY

*İbrahim Emre GÜNAY*

[ ,if ,/ "Vgnpknl@pk:gt ukxguk " F Q "

#### ÖZET

Dcv,"vgo gnk'vctkj "cprc{ , , "km±c "n4grkn±. "Qtvc"¥c "hgqf crkg±. " gpky c "ner kcrk± o "+xg"l cmp"¥c " \*gpf Åutk± crk± o "+qrctcnlf 3pgo rnpf ktko k vktOCpecn'dw'f 3pgo rgt "Dcv,ø,p"nnpf k'k±pf gp "Ågw k "nnpf k' nq vncr,p,p"uqpwev'qrnp" f3pgo ugn'c{t,o rctf,t" f k gt "dk" f g{k rg "Dcv,"o gtngl rk' gxtgpugn'vctkj ugn'xg" vqr nwo ucil'cprc{ , ,f,t0Dcv,"nnpf kpg"34 i Å'vctkj "cprc{ , ,p,"o gtngl g'crctcnlxg"fk gt "vqr nwo rct,"j gi go qpknl' dk" cprc{ , ,r" dw' vctkj " cprc{ , ,pc" gmgo ng{gtgm" cunpf c" nnpf k' u3o Åi gekk kpk' xg" ucif ,ti cpn ,p," ucncro cmcf ,t"xg"nnpf kpk'w'i ctn ,p"o gtngl kpf g"nnpwo rnpf ,to cmcf ,t0Dc{ nnp"Ugl gtøg"i 34g" f Åp{c" vctkj kpkF q wDcv,"±cv, o c'vctkj kqnv wto cmcf ,t0¥cv, o cp,p'pgf gpkDcv,ø,p'ucif ,ti cp'dk'wwwo 'k±pf g" F q wøwp'l gpi krik kpk'v,r m'Co gtnr'mxv,uf c'qrf w w'i kdk| qtrc'cm cnlxvgo guk k0Ugl gtøp'hwco ,pf c" km'qrctcnl'F q wøwp'nnpf k'±cdu,"xg"uqtwpct,pc"i gvk f k k'±34 Åo rgtk'rg"wf i ctn c"i g±k k'xg" F q w'rc" qrp"±cv, o c{c" f c{cn "kk nkgt'k' uqpwev'p c"uqptcf cp "Dcv,ø,p" f c" w'i ctn v , "kcf g" gf km gmgf k0Dw' dc nro f c'±cn, o cf c'±ct,o ucil'cprc{ vgt "vgo grikf g'n4grkn'hgqf crkg. "ner kcrk± o "xg'gpf Åutk± crk± o k'kcf g" gf gp" m'¥c . "Qtvc"¥c . " gpky c "xg"l cmp"¥c " f3pgo rgtk'cpc"j cvct,{rc" {gpk gp" f g gtnnpf k'kgtgmkt0 D34 rgeg"j go "Dcv,ø,p" f c{cw , "nnpf k'Ågw k'k'qrnp" f gur qvkn'vctkj ugn'vqr nwo "cprc{ , , "grg vktkrgegmk"j go " f g" Dcv,ø,p" nnpf k'k±pf g"i grik v k' f Å Åpeguklp"cmulpg" F q w'kr" qrp"±cv, o ce,"kk nkgt'k' vgo grikf g" i grik v k'qtvc{c"nppo c{c"±cn ,necm,t0Dc{ nnp"Ugl gtøp"o cnrgrtk'xg"pqvct,{rc"dkrkmg'nkcr rct,"pkgn' dk" {cmr ,o r"xg" f qmÅo cp"cpck k' f3pgo k' rg'kpegrpo k vkt0¥cn o cp,p'3pgo ki g±o k k'f c'j c'k'k'cprc{ " gvo gni'xg"i grgeg k'f c'j c'kudguk'f g gtnnpf k' o gnik'±p'ctm,"dk"r' g'ur gmkh'wpo cu,f,t0'

**Anahtar Kelimeler:** "Dc{ nnp"Ugl gt. "Uqu{qnlk"Vct,o . "F q wDcv,"Vqr nwo "

#### ABSTRACT

Vj g'Y guvtp/dcugf "wpf gtucpf kpi "qh'j kvqt { "ku'r g'kqf k' gf "cu'yj g'Cpekpvc'Ci g'urxgt { "+'yj g'O k'f r'ng'Ci gu' \*hgwf crkuo "+'yj g'P gy 'Ci g'ecr kcrkuo "+cpf "yj g'O qf gtp'Ci g'kpf wutkcrkuo +0J qy gxt. "yj gug'r g'kqf u'ctg" r g'kqf le "f k'k'p'v'ku'v'j cv'v'j g'Y guv'r tqf wegu'htqo "y kj k'p'ku'grh'cpf "ctg'v'j g'tguwn'qh'ku'qy p'eqpf k'k'qpu." k'p'q'j gt "y qtf u." "yj g'Y gu'egpvtgf "wpk'gtucn'j kvqt'lecn'cpf "uqelcn'wpf gtucpf kpi 0D { "egpvtkpi "ku'qy p" wpf gtucpf kpi "qh'j kvqt { "cpf "cf f kpi "q'j gt "uqelkv'gu"v'j ku'wpf gtucpf kpi "qh'j kvqt { "y kj "c"j gi go qple" cr r tqcej . "yj g'Y gu'cewcm" j k'f gu'ku'qy p'eqm'p'kcrkuo "cpf "ci i tguukq"cpf "r qukk'qpu'ku'grh'cv'v'j g'egpvt" qh'ekxk'k' cvk'p0Ceeqtf kpi "v"Ugl gt. "y qtrf "j kvqt { "eqpuku'qh'v'j g'j kvqt { "qh'Gcu'Y gu'eqph'k'v'0Vj g' tgcup'ht "v'j g'eqph'k'v'ku'v'j cv'v'j g'Y guv' "k'p'cp'ci i tguuk'g'o c'p'p'g. "y cpv'u'v'v'cng'v'j g'y gcm'j "qh'v'j g'Gcu'v'd { " hqteg. "lw'v'k'ng'k'p'v'j g'Co g'kecp'eqp'v'p'p'0k'p' Dc{ nnp"Ugl gt'u'v'j g'qt { . "k'ku'ucv'gf "v'j cv'v'j g'Gcu'v'ht'v'dgeco g' ekxk'k' gf "y kj "ku'qy p'gh'ht'w'cpf "uqn'w'k'qpu."cpf "rc'v'g'v'j g'Y gu'v'cnu'q'dgeco g'ekxk'k' gf "cu"t'g'uwn'qh'ku' eqph'k'v'dcugf "tgr'v'k'qpu"y kj "v'j g'Gcu'0k'p'v'j ku'eqp'v'z.v'j g'uwf { "t'g/g'x'c'nc'v'gu'v'j g'r g'kqf u'qh'v'j g'Cpekpvc' Ci g.'yj g'O k'f r'ng'Ci gu.'yj g'P gy 'Ci g'cpf "yj g'O qf gtp'Ci g.'y j ke'j "g'zr t'gu'u'urxgt { . "hgwf crkuo . "ecr kcrkuo " cpf "k'p'f wutkcrkuo "qp"v'j g'dcuku'qh'ci t'lewn'wt'cn'ce'v'k'k'gu'0Vj wu."v'j g'ugr'h'o cf g'f gur qv'e"j kvqt'lecn'uqelkv' " lo r qugf "d { "yj g'Y gu'v' km'dg'et'k'k'k' gf . "cpf "k'y km'dg'v'k'gf "v'j f go q'p'v'c'v'j cv.'eqpvtct { "v'j g'k'f gc"v'j cv' v'j g'Y gu'v'f g'x'g'm'r gf "y kj k'p'ku'grh' "k'f g'x'g'm'r gf "qp"v'j g'dcuku'qh'ku'eqph'k'ew'cn'tgr'v'k'qpu"y kj "yj g'Gcu'0 Dc{ nnp"Ugl gt'v'j c't'v'g'u"cpf "dq'q'm'u"y kj "j ku'p'q'v'u"y g'g'g'zco k'p'gf "y kj "c"s'v'k'v'c'v'xg"cr r tqcej "cpf " f qewo gp'v'c'pn' uku'o g'y qf 0Vj g'lo r q't'v'peg'qh'v'j g'uwf { "ku'v'j cv'k'qh'ht'u'c'f k'ht'g'p'v'r g'ur gev'xg'v'j "dgwgt" c'pn { g'v'j g'r cu'v'cpf "g'x'c'nc'v'g'v'j g'hw'w'g'o q't'g'ce'w'v'c'v'g'0'

**Key Words:** "Dc{ nnp"Ugl gt. "Uqelqmqi { . "Ci t'lewn'wt'g'Gcu'Y guv."Uqelkv' "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TÜRKÇE DUYGU ANALİZİNDE VERİ ARTIRMA TEKNİKLERİNİN ETKİSİ: BİR PERFORMANS ANALİZİ

**Kadir TOHMA**

*ungpf gtwp/VgnpknI©pkxgt ukvguk 'O Āj gpf kurkñxg'F q c 'Dkrko rgt k'HcnĀnguk 'Dki kac { ct 'O Āj gpf kurk k' D%āo Ā 'J cv { . 'VĀt nk g"*

*QTEK 'KF <2222/2224/4853/9: 32"*

**Halil İbrahim OKUR**

*ungpf gtwp/VgnpknI©pkxgt ukvguk 'O Āj gpf kurkñxg'F q c 'Dkrko rgt k'HcnĀnguk 'Dki kac { ct 'O Āj gpf kurk k' D%āo Ā 'J cv { . 'VĀt nk g"*

*QTEK 'KF <2222/2225/255;/6848"*

#### ÖZET

F q cñ'f kñ'k rgo g" \*FF + "cncp, pf c" xgtk'ctv, to c" vgnpknmgtk" u, p, tn, "xgtk' mĀo grgtk' kg" ±cn , tngp" o qf grñ r gthqto cpu, p, "k kg vto gnñxg" i gpgngo g" { gvpgg kpk'ctv, to cnkēkp" 3/4 pgo rñ'dk' tñ'q { pct0G kko "xgtkuklp" ±g kurk kpk'xg" dq { wwpw" ct v, to cm" FF " o qf grgtk'lpk" 3/4 grknmg" f Ā Āñ'ne { pcm "f kngt f g" f c j "dc ct, n" qm cu, p, "uc rct0Xgtk'ctv, to c" utcvlgkgtk" gvknvgk'lp" f q tww wpw'nqt w'ctcm "xgtk'ugvlpk' i gpk rgo gnñxg" ng hgf ko go k "cncp, rct, "ncr uc { cecm'ugpvgnñ'xgtk' 3/4 pgnmgtk' qnw wto cnico ce, { rñ' i grk vtko k vto VĀt mēg" i kdk' o qthqñlkn' c±, f cp" } gpi kp" f kngt f g" f w i w'cpcrk k' { cr ctngp "xgtk'ctv, to c" vgnpknmgtk'lpk" nwnp, o ., " o qf grgtk'lp" i gpgngo g" { gvpgg kpk' i grk vto gnñ'kēkp" ntkkñ' 3/4 pgo g" ucj kr vto Dw' ±cn , o cf c. "VĀt mēg" f w i w' cpcrk ki 3/4 grngt kpf g' xgtk'ugvlpk' ±g kurk kpk'xg" dq { wwpw" ct v, to cmco ce, { rñ' I Ā Āñ' Ā Gmgo grgtk' Rgpegtg" ¥ ctr, vo c" xg" Rgpegtg" M, tr o c" qm cñ' Ā gtg" Ā±' hctm, "xgtk'ctv, to c" vgnpk k' w i w' rcpo , v, t0W i w' rcp cp" dw' vgnpknmgt. "xgtk'ugvlpk' f q cñ' { cr, u, p, "nqt w'ctcm" { gpk'xg" ±g kurk'xgtk' 3/4 pgnmgtk' Ā gvo g { k' j gf ghgo k vto Gf g" gf kgp" dwi wct. "3/4 pgtk'gp" xgtk'ctv, to c" vgnpknmgtk'lpk" VĀt mēg" o gvknrtf g" f w i w' u, p, rncp, to cu, " i 3/4 grngt kpf g" o qf grñ' r gthqto cpu, p, "3/4 pgo rñ' 3/4 Ā f g" ct v, tf , p, " i 3/4 ngto gmgf k0' UEF "xgtk'ugvlpk' Ā gt kpf g" { cr, rcp" f gpg { rgt. "xgtk'ctv, to c" 3/4 peguk' xg" uqptcu, " f q twwñl' qtcprct, " xg" HB" unqt rct, pf c" nē { c" f g gt" k kg o grgt" uc rcp, , p, "qtvc { c" nq { o w w0' Dw' uqpwērt. "xgtk'ctv, to c" { 3/4 pgo rgtk'lpk' FF " o qf grgtk'lpk' f q tww wpw'xg' i Ā xgpkrk' r kpk'ctv, to cf c" gnñk' dk' { cmc . o "uwpf w wpw'hēp, vto cmcf, t0"

**Anahtar kelimeler:** "VĀt mēg" f w i w'cpcrk k' "xgtk'ctv, to c" "vgnpknmgtk" f q cñ'f kñ'k rgo g"

"

#### ABSTRACT

F cv "cwi o gpvcvqp" vgej pls wgu" rnc { "c" etwecñ' tqrñ" lp" gpj cpekp i "vj g" r gthqto cpeg" cpf "i gpgtcrk' cvkp" cdkkñ' "qh' P cwtcn' Ncpi wci g' Rtqeguulpi " \*P NR+ o qf gñu. "gur gecmñ' "y j gp" f gcrkpi "y kj " rko kgf "f cvcugv0' D { "kpetgcukpi "vj g" f kxgtukñ' "cpf "uk g" qh' v'clpki "f cvc. "vj gug" vgej pls wgu" gpcdrñ' P NR" o qf gñu' vq" cej kxg" dgwgt' tguwñu. "r ctvewrctñ' "lp" mñy / tguqwtēg" rncpi wci gu0' F cv "cwi o gpvcvqp" utcvgi lgu' cko "vq" gzr cpf "vj g" f cvcugv' cpf "i gpgtvcg" u { p vj gvē "f cvc" uco r rñu' vj cvē eqxg' wpzr rñt gf "ctgcu" y j kg" r tguqtxkpi "vj g" ceewtce { " qh' rcdgn0' k' "vj ku' uwf { . "y g" hqewu" qp" vj g" cr rñecvqp" qh' f cvc" cwi o gpvcvqp" vgej pls wgu" hqt" ugpko gpv' cpcñ' uku' lp" Vwtñkj . "c" o qtr j qñi kecnñ' "tēj " rncpi wci g. "y j gtg' uwej " vgej pls wgu" ctg' etkēcñ' hqt" lo r tqxkpi " vj g" i gpgtcrk' cvkp" cdkkñ' "qh' o qf gñu' Y g" go r mñ { "vj tgg" f kñkpev' f cvc" cwi o gpvcvqp" vgej pls wgu" P qkug" kōlgevkp. "Y kpf qy "Y ctr kpi . "cpf "Y kpf qy "Unēkpi . "vq" kpetgcug" vj g" f kxgtukñ' "cpf "uk g" qh' vj g" f cvcugv' hqt" Vwtñkj "ugvko gpv' cpcñ' uku' v'cun0' Vj gug" vgej pls wgu' cko "vq" i gpgtvcg' pgy "cpf " f kxgtug' f cvc" uco r rñu' y j kg" o clpvclpki " vj g" pēwtcn' utwewt g" qh' vj g" f cvcugv' Qwt" hkp' lpi u' f go qpwtvcg' vj cv' vj g" r tqr qugf " f cvc" cwi o gpvcvqp" vgej pls wgu' uki pñkēcpñ' "lo r tqxg" o qf grñ' r gthqto cpeg' lp" ugpko gpv' rncukñ' kēcvkp" v'cun' hqt" Vwtñkj "vgz u0' Gzr gtko gpv' eqpf wēvgf "qp" vj g" UEF " f cvcugv' t' gxcñ' u' wducpv' kñ' lo r tqxgo gpv' lp" ceewtce { "



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cpf "HB/ueqtg'dghqtg'cpf 'chgt'f cvc"cwí o gpvcvkp0Vj gug'tguwnu'eqphkto 'vj cv'f cvc"cwí o gpvcvkp"o gjy qf u"  
qhhgt"cp"ghgevkxg"cr r tqcej "q"gpj cpeg"vj g'ceewtce{ "cpf 'tgnkcdkkl{ "qh'P NR'o qf gnu'

**Keywords**<Vwtukuj 'lpgvko gpv'cpcn{uku. 'f cvc"cwí o gpvcvkp"vgej pls vgu. 'pcwtcnhcpi wci g'r tqegulkpi "

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## KONSERVATİF RİNOPLASTİ

Op. Dr. Arda Özdemir

VE "Ukt v Tgugctej "cpf "Gf wecvkqp" J qurkc n "Ukt v "Vwtngf "

QTEK "K" <2222/2224/; ; 7; /9537"

### ÖZET

Mqpugtxcvkh' tlpqr rucuk" dwtwp" cpcvqo kulpkp" fq cni' {cr ,mct,p,p" xg" hqpmukf qprct,p,p" nqtwpo cu,p," j gf ghng{gp" o qf gtp" dk" egttcj k' vgnplmkt' I grpgmugn' tlpqr rucuk" i gpgnkmg" mmtf c ,p" i gpk "3/4±Áf g" ±,mct,m cu,p," xg" {gpkf gp" gnkrpgf ktkro gulpk' k'egt kngp." nqpugtxcvkh' tlpqr rucuk' f qmwct,p" o kpo cni' gmikf {qpwf r" dwtwp" ±cv,u,p,p" dÁÁpnÁ ÁpnÁ" nqtwo c{ , "co c±rct' Dw' vgnpk kp" vgo gr' r tgpuk rgtk' ctcu,pf c" uwdr gt knqpf tkf cni' xg" uwdr gt kvucni' f kugmikf qp. "quvgqnet vrcllp<sup>3/4</sup> ±cv,p,p" nqtwpo cu, "xg" crct" mmtf cmct,p" o kpo cni' gmikf {qprc" gnkrpgf ktkro gulpk' {gt" cnt' O' Mqpugtxcvkh' tlpqr rucuk" f c j c" j , n" dk" k' krg o g" uÁgek" co grk' cv' uqptcu, " k rkn' xg" o qtcto cp,p" c| cm cu, "xg" f c j c" "3/4 ÁÁgdktk" wj wp" f 3/4go "uqpw±rct, "uc rct' O' C {t, ec. "f qtucni' guvgvni' ±k i krgtkp" nqtwpo cu, {r' f c j c" f q cni' dk" dwtwp" i 3/4 ÁÁpnÁ ÁÁgrf g" gf kkt "xg" ÷c±,ni' ±cv,ö" f ghqto kguk' xg' c' c' ,t, "ekn' kpegm guki kdkh' qo r rkn' eu' qprct' 3/4grpgk' O' W{ i wp' j cuvc' ug±ko k' dc ct, n' "uqpw±rct" grf g' gvo grnk' k' p' ntkn' 3/4go g' ucj k' vt' OF q cni' dwtwp" f quwo w' nqt wpcp. "muc" dwtwp" ngo kmgt' k' xg' j chh' krg" qtw' f gtgeg' g' j wo r "f ghqto kguk' qrcp" j cuvcrt' dw' vgnplm' k' k' k' f gcrf k' O' Mqpugtxcvkh' tlpqr rucuk" f c j c" c| " o qtdkf kg. " j , n' k' krg o g' uÁgek' xg' f c j c" nqr{ 't' gxl' {qp' ko ncp, "uwpctcmj go "egttcj rct' j go "f g' f q cni' xg" hqpmukf qpgr' uqpw±rct' c' {cp' j cuvcrt' k' k' vgtel' j "gf krgp' dk' ug±gpgmj crkpg' i gro k' vt' O

**Anahtar Kelimeler:** "nqpugtxcvkh' tlpqr rucuk" uwdr gt knqpf tkf cni' f kugmikf qp. "dwtwp" nqtwo c. "crct" mmtf cm' dwtwp' egttcj kul'

### ABSTRACT

Eqpugtxcvkh' tlpqr rucuk' "ku" c" o qf gtp" uwti keni' vgej pls wg" vj cv' hqewugu" qp" r t gugt xkpi " vj g" pcwtcn' cpcvqo keni' ut vewt gu" cpf "hwevku pu" qh' vj g" pqug' O' Wprkng" v' cf k' k' qpcn' t' j k' pqr rucuk' . "y j lej "qh' vgp" k' p' x' q' r' gu" gz v' gu' k' xg" ect v' k' r' i g" tgo qxcn' cpf " tgeqput vevkqp. " eqpugtxcvkh' tlpqr rucuk' " clo u" vq" o kpo k' g" vkuwg" gzekuk' qp' cpf "o c' k' v' c' k' p' vj g' k' p' vgi tkf' qh' vj g' pcucni' t' co gy qtn' O' Mg{ 'r t' k' p' e' k' r' gu' k' p' en' v' g' u' wd' r' g' t' e' j' q' p' f' t' k' n' i' c' p' f' " uwdr gt kvucni' f kugev' k' p. "r t gugtxcvkh' qh' vj g' quvgqect v' k' r' i k' p' q' w' l' t' q' q' h' "cpf' t' guj cr kpi "qh' vj g' crct' ect v' k' r' i gu" y k' j "o kpo cni' gzekuk' qp' O' Vj ku" vgej pls wg" cmny u' hqt "h' cu' v' t' t' g' e' q' x' g' t' . "t' g' f' w' e' g' f' "r' q' u' v' r' g' t' c' v' k' x' g' "uy grnkpi "cpf" dt v' k' u' k' p' i . "cpf" "o q' t' g' r' t' g' f' l' e' v' c' d' r' g' "h' p' i /v' g' t' o "q' w' e' q' o gu' O' K' c' n' u' q' "r' t' q' x' k' f' gu' c" "o q' t' g' p' c' w' t' c' n' i' p' c' u' c' n' i' r' r' g' e' t' c' p' e' g' "d{ " o c' k' p' v' c' k' p' i "v' j g' f' q' t' u' c' n' i' c' g' u' y' g' v' e' "r' k' p' g' u" cpf "c' x' q' k' f' k' p' i "f' g' h' q' t' o k' k' g' u' u' w' e' j "cu' v' j g' "s' q' r' g' p' t' q' q' h' s' "cpf" "gzeguk' xg" vj k' p' k' p' i "qh' vj g" pcucni' un' k' p' O' Vj g' u' g' r' e' v' k' p' "qh' v' r' t' q' r' t' k' e' v' g' "ecp' f' k' f' c' v' g' u" ku" e' t' k' e' c' n' i' h' q' t' "c' e' j' k' e' x' k' p' i "q' r' v' k' o' c' n' i' t' g' u' w' u' O' R' e' v' k' p' u' y' k' j "y' g' m' r' t' g' u' g' t' x' g' f' "p' c' u' c' n' i' f' q' t' u' w' o . "u' j' q' t' v' p' c' u' c' n' i' d' q' p' g' u. "cpf" "o k' f' "v' q" "o q' f' g' t' e' v' g' j" wo r u' ct' g' k' f' g' c' n' i' h' q' t' "v' j' ku" r' t' q' e' g' f' v' t' g' O' E' q' p' u' g' t' x' c' v' k' x' g' t' j' k' p' q' r' r' u' c' u' k' "r' t' g' u' g' p' u' u' k' i' p' k' i' e' c' p' v' c' f' x' c' p' v' c' i' gu' k' p' "v' g' t' o u' q' h' t' g' f' w' e' g' f' " o q' t' d' k' f' k' v' . "s' w' l' e' n' g' t' "j' g' e' r' k' p' i "v' k' o' gu. "cpf" "g' c' u' k' g' t' "h' w' w' t' g' t' x' k' u' k' u' p' u. "o c' n' k' p' i "k' v' c' "r' t' g' h' e' t' c' d' r' g' "q' r' v' k' p' "h' q' t' "d' q' v' " uwti g' p' u' c' p' f' "r' c' v' k' p' u' u' g' g' n' k' p' i "c' p' c' w' t' c' n' h' w' e' v' k' u' p' c' n' i' q' w' e' q' o' g' o

**Keywords** <"eqpugtxcvkh' tlpqr rucuk' . "uwdr gt lej qpf tkcn' f kugev' k' p. "pcucni' r t gugtxcvkh' p. "crct" ect v' k' r' i g. " pcucni' uti gt { "

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### YAPAY ZEKÂ KULLANARAK GÜÇ TRAFOSU ÇEKİRDEK TASARIMI POWER TRANSFORMER CORE DESIGN USING ARTIFICIAL INTELLIGENCE

Mehmet ZİLE<sup>1</sup>

<sup>3</sup>F q±F t. T c/k©pkxgt ukxguk 'Vwuc 'Mc/cp'O gurgnıf Āmugmww.'O qvqtıw' Ctc±tt 'xg'Wrc vto c"  
VgnpqrlkD¼Āo Ā'W±cmVgnpqrlkuk 'Cpntc.'VĀtnk' gO'  
<sup>3</sup>QTEK 'K' <j wr u-llqt elj Qıt i D222'ó'2224'ó'2679'ó'4346"

#### ÖZET

I grk o gmg" qncp" xg" i grk o k " Āmrgtfg" ¼pgo rk" nupwrtfc p" dkk' f g" gpgtlk' nē{pcmct,p,p" xgtko rk' mncp,m cu,f,tO'Grgmtkn'gpgtlkuk'±q wpmwnc'i Ā±'vchqrt,pf c"j ctecpo cmcf,tO'Grgmtkn'gpgtlkuk'Ā gvko ." krgvo " xg" f c ,v,o " c co crct,pf c" mncp,ncp" vchqrtfc" dĀ{ Ān' qtcpc" nē{dc" w tco cmcf,tO' Grgmtkn' gpgtlkuk'krgvo "xg" f c ,v,o " c co crct,pf c"±qn'dĀ{ Ān'i Ā±gtk' krgvko guk'pgf gpk'ng"gpgtlk'xgtko rkk k' c±,upf cp" i kf gtgn'fcj c"¼pgo rk'xg" k rnxug'j cng"i grm gmgf ktO'Dw'±cn o cf c." {cr c{" | gm" cni qtko cu," mncp,ncm' i Ā±" vchqrt,pf c" o cp{gvkn' nē{,r rct" xg" ±gnkf gm' o cı go guk' o crk' gk' f Ā Ā Āo Ā vĀO' ¥gnkf gm' i ggo gvkuk' {cr c{" | gm" cni qtko cu," {ctf ,o ,{nc" vuctrcpo , " xg" uqpwrtfc" f g gtrgpf ktko k vtO' D¼ rgeg" i Ā±" vchqrt,pf c"±gnkf gmgtk' gp" wı i wp" f g gt" hqto w'grf g'gf kro g{g"±cn ,m , vtO'Vcuctrcpcp" ±gnkf gm' kēk' i Ā±" vchqrt,p,p" vĀo " r etco gtrggtk' f kmēvg" cnpo , vtO' O cp{gvkn' ±gnkf gm' i ggo gvkuk' i grk vtkgp" {cr c{" | gm" cni qtko cu," kg" qr vko k g" gf kgt gm' o cp{gvkn' nē{,r rct" xg" mncp,ncp" o cp{gvkn' o cı go gpk' o crk' gk' f Ā Ā Āo Ā vĀO' D¼ rgeg" i Ā±" vchqrt,pf c" o cp{gvkn' nē{,r rct,p" cı cn,m cu, {nc" o cp{gvkn' r gthqto cpu" ctvt,rdkro k vtO' C{p, | co cpc" i Ā±" vchqrt,pf c" o cp{gvkn' o cı go g" mncp,o , " cı cn,m,ncm'vchq" o crk' gk' f Ā Ā Āo Ā "xg" vchq'c ,tn , "fc" cı cn,m , vtO'

**Anahtar Kelimeler:** 'I Ā±'Vtcpuhto c¼rgrtk'¥gnkf gm'Vcuct,o . 'I cr c{" \ gmO'

#### ABSTRACT

Qpg" qh" vj g" ko r qtvcpv"kuugu" kp" f gxgnr kpi "cpf" f gxgnr gf "eqwvkgu"ku" vj g" ghhekp'v" wug" qh" gpgti { " tguqwteguO'Grgevtkecn'gpgti { 'ku"o quwı 'ur gpv'kp" r qy gt" vcpuhto gtuO'Grgevtkecn'gpgti { 'ku"ıwdıge'v'q'c" i tgc'v' f gcn'qh"ıquı"kp" vcpuhto gtu" wug" kp" vj g" r tqf vekp. "vcpuo kuukp. "cpf" f kntkdwkq" uci guO'F wg" vj g" vcpuo kuukp" qh'xgt { "rtı g' r qy gtu" f wtkpi " vj g" vcpuo kuukp" cpf" f kntkdwkq" uci gu" qh' grgevtkecn'gpgti { . 'k' ku" dgeqo kpi 'kpetgukpi nı 'ko r qtvcpv'cpf 'hpev'kpcnıkp" vıto u' qh' gpgti { "ghhekp' { O'k' vj ku"ıwı { . 'o ci pgve" ıquugu" cpf " vj g" eqv' qh' eqt' g' b cvgtkcnıkp" r qy gt" vcpuhto gtu" y gt' g' f weg' " d { " wukpi " cp" ct v' hheknıkp' vgnı gpeg" cni qtkj o O'Eqtg" i ggo gt { " y cu" f guki pgf " y kj " vj g" j gr " qh' cp" ct v' hheknıkp' vgnı gpeg" cni qtkj o " cpf " vj g" tguwı" y gtg" gxcncv' g' O'Vj wı. " vj g" o quv' qr vko cı' hqto " qh' eqtgu" kp" r qy gt" vcpuhto gtu" y cu" vıkf " vj " dg" qdv' kpgf O' Cnı etco gvtu" qhı r qy gt" vcpuhto gtu" y gtg' v' cngp' kp' vj " ceeqwp' vıht " vj g' f guki pgf " eqt' g' O' ci pgve" eqt' g" i ggo gt { " y cu" qr vko k g' f " y kj " vj g" f gxgnr gf " ct v' hheknıkp' vgnı gpeg" cni qtkj o . " cpf " o ci pgve" ıquugu" cpf " vj g" eqv' qh' vj g" o ci pgve" o cvgtkcnı wug' " y gtg" t' g' weg' O'Vj wı. " t' g' vekpi " o ci pgve" ıquugu" kp" r qy gt" vcpuhto gtu" o cf g" k' r quıkdıg" vj " kpetguc" o ci pgve" r gthqto cpeg' O' C' vj g" uco g" vko g. " vcpuhto gt" eqv' f getgucgf " cpf " vcpuhto gt" y gı j vı y cu" cıuq' t' g' weg' " d { " t' g' vekpi " vj g" wug' qh' o ci pgve" o cvgtkcnıkp" r qy gt" vcpuhto gtuO' "

**Keywords:** 'Rqy gt" Vtcpuhto gtu. 'Eqtg' F guki p. 'Ct v' hheknıkp' vgnı gpegO'

**III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH  
CONFERENCE**

**GÜÇ TRAFOLARININ AKILLI VE UYARLANABİLİR KONTROLÜ  
INTELLIGENT AND ADAPTIVE CONTROL OF POWER TRANSFORMERS**

*Mehmet ZİLE<sup>1</sup>*

<sup>3</sup>F q±F t .I c/k©pkgt ukxguk 'Vvuc 'Mc/cp'O gurgnİl Āmgnqmw. "O qvqt m' Ct c±ct 'xg'Wrc v,t o c"  
Vgnpqrlk'D/4Āo Ā'W±cmVgnpqrlkuk 'Cpnt c.'VĀtnk' gO'  
<sup>3</sup>QTEK 'K' <j wr u-İlqt elç Qit i İ2222'6'2224'6'2679'6'4346''

**ÖZET**

Cmm "xg"cf cr vñ'nqvtqn'ukvgo kp"dgrik'ntkgrtg"i 3/4g'qr vko wo "r gthqto cpu"i 3/4vgo gukp'uc nco cni' kelp'ukvgo 'r ctco gvtgrtkp'±xg gf gnk'f g k knkmg't'g' i 3/4g'c{ctrc{cdkrgp'dk'i gk'dgurg g'nqvtqn'ukvgo k' qrtcm' vcp,o rcp,tO\ co cprc" ±xg gf gnk' f g k knkmg't'p" Āvgnk'f gp"i grgp" dk"cf cr vñ'nqvtqn' ukvgo k' qr vko wo "nqvtqn'ukvgo k'xg'c'i gk'dgurg g'nqvtqn'ukvgo k'f gp'htmf,tOI gk'dgurg g'xg'c'qr vko wo " ukvgo rgt" dgrik'vrgp" qtvco f c" o g{f cpc" i gk't' 3/4 xg gf gnk' f g k knkmg't' ±qm' j cuucuc." dw" ukvgo rgt" vcuct,o e,p,p'kvkf k k'i kdk'vcuctrpeo c| O" vgn' {cpf cp."cf cr vñ'dk" ukvgo "±xg gf k'f g grgp' k'k' O'Ukvgo kp" r gthqto cpu,p," f c j c'f q t w' dk" gnkf g'f g grgp' k'k' O'Ukvgo 3/4 gnkmg't'k'f g'qpw'k' krg vko gnk'kp"i g'gnk' f g k knkmg't' {cr ct O' C'f cr vñ'nqvtqn' c .,f c n'k' Ā'k r g x'k' k' g' t' vcp,o nco c."netct'xgto g'xg'f g k vko g' J gtj cpi k'dk"cf cr vñ'nqvtqn'ukvgo k'f g."ukvgo k'dk' g'grgp'k'g'c{,to cni' qtf vt O' Cm'k'p'g."cf cr vñ' qpwp" i g'±gmg' o guk'k'p' dw' Ā'k r g x'k'p' ukvgo f g' o g xew'qm cu,"i g'gnk' O'Dw'±cn, o cf c."i Ā'v'chq'rt,p,p'cmm," xg'cf cr vñ'nqvtqn' Ā'i g'±gmg' vkrn k vt O'V'chq' cni' ucj cu,pf c'qnv cp'ct,| cmct,p'dgrik'rgpo guk'xg'dw'ct,| c" dki k'p'p'o g'ng' g' k'rgvko guk'o Āo m'Ā'p'j crg'i vkrn k vt OI grgp'xg'g'k'p'k' r gpo guk'xg'f g grgp' k'k'ro guk' k'p' dk'cni qtko c'w' i wcpo , v,t O'Dw'cni qtko c{c'f c{cn'qrctm' O'cvrd."E" xg'X'kuwn'Uwf k'q' r tqi tco rct," m'wmp,rtcm' idk'etc' Ā' r tqi tco , i g'k' v'k'f k' O'Dw'±cn, o c."v'chq' uqt wo n'w'w'o Āj g'p' k'rg'p' i Ā'v'chq'rt,p," w' cmcp' i Ā'x'p' r'k'k' gnkf g'k' rgo gukp'xg'nqvtqn' gvo gukp'o Āo m'Ā'p' m'f , O'

**Anahtar Kelimeler:** İ Ā'v'chq'rt, .cmm, nqvtqn' w' ct rcp'cdk'k' nqvtqn'

"

**ABSTRACT**

K'vgnki gpv'ep'cf cr vñ'g'eqvtqn'ku'f g'p'g'f'cu'c' hggf d'cm'leqvtqn' u'vgo 'vj cv'ecp'cf l'w'v'u' u'vgo 'r ctco gvtu' ceeqt'f k'p' "vq'ej cpi gu'lp'v'j g'g'p'x'k'q'p'o gpv'v'q'o cng'v'j g'u' u'vgo 'r gthqto 'qr vko cni' ceeqt'f k'p' "vq'egt'v'k'p'" et'k'v't'k' O' C'p'cf cr vñ'g'eqvtqn' u'vgo 'vj cv'q'x'g'eqo gu'ej cpi gu'lp'v'j g'g'p'x'k'q'p'o gpv'v'x'g't' vko g'ku'f k' h'g't' gpv' h'qo "cp'qr vko wo "eqvtqn' u'vgo "qt' hggf d'cm'leqvtqn' u'vgo O' Hggf d'cm'leq'qr vko wo "u'vgo u'q'ee'w't'k'p'" v'j g'ur g'k'k'g'f' g'p'x'k'q'p'o gpv' O' K' v'j g'ej cpi gu'lp'v'j g'g'p'x'k'q'p'o gpv'ct'g'x'g't' "ug'p'uk'x'g' v'j g'ug' u'vgo u'ec'p'p'v' d'g' f'g'uki p'g'f'cu'v'j g'f'g'uki p'g't'y' cpw' O' Q'p'v'j g'q'v' g't'j' cpf."cp'cf cr vñ'g' u'vgo "g'x'c'v'v'g'u'v'j g'g'p'x'k'q'p'o gpv' O' K' g'x'c'v'v'g'u'v'j g'r gthqto c'p'eg'q'h'v'j g'u' u'vgo "o q't'g' c'ee'w't'v'g'n' O' K' o cng'u'v'j g'p'ge'g'u'c't' { 'ej cpi gu'lp'v'j g'eqvtqn' ej ct'ce'v't'k'v'ku'v'q' 'lo r t'q'x'g' k' O' C'f cr vñ'g'eqvtqn' l'p'nm'f' gu'v'j g' h'q'm'q'y' k'p'i "v'j t'g'g' h'w'p'v'k'p'u' k'f g'p'v'k'ec'v'k'p'." f'g'ek'v'k'p'o c'nk'p'i .cpf' o q'f' h'ec'v'k'p' O' K' cp' { 'cf cr vñ'g'eqvtqn' u'vgo .k'ku'f k' h'ec'v'k'p'v'q' u'g'r ct'c'v'g'v'j g'u' u'vgo " k'p'v'k'u'w'eqo r q'p'p'w' O' Q'p'v'j g'eqvtct' { .v'j g'ug'v'j t'g'g' h'w'p'v'k'p'u' w'w'd'g' r t'g'ug'p'v'k'p'v'j g'u' u'vgo 'h'q't'cf cr v'k'q'p'" v'q'q'ee'w't' O' K' v'j k'u'w'w'f { .k'p'v'gnki gpv'cp'f'cf cr vñ'g'eqvtqn'q'h' r q'y g't' v't'c'p'u'h'q'to g'tu'y' cu'ect'k'g'f' q'w' O' K' y' cu' o cf g' r qu'k'd'g' v'q' k'f g'p'v'k' { "h'w'w'w' q'ee'w't'k'p'i " k'p' v'j g' v't'c'p'u'h'q'to g't' uy' k'ej { c'tf" c'p'f" v't'c'p'u'h'g't' v'j k'u' h'c'w'n' k'p' h'q'to c'v'k'p'v'q'v'j g'eg'p'v't' O' C'p'cni q'k'j o "y'cu'lo r rgo g'p'v'g'f' h'q't'o q'p'k'q't'k'p'i "cp'f' g'x'c'v'v'k'p'i "v'j g'k'p'eqo k'p'i " f'c'v' O' C'p'k'p'v't' h'eg' r tqi tco "y'cu'f' g'x'g'n'r' g'f' w'uk'p'i "O'cvrd."E."cp'f' X'kuwn'Uwf k'q' r tqi tco u'd'cu'g'f' "q'p'v'j k'u' cni q'k'j o O'V'j k'u'y' q'tm'j cu'o cf g'k'v' qu'k'd'g' h'q't' g'p'i k'p'g'g't'u' g'ur q'p'uk'd'g' h'q't' v't'c'p'u'h'q'to g'tu'v'q' u'ch'gn' "o q'p'k'q't' c'p'f'eqvtqn' r q'y g't' v't'c'p'u'h'q'to g'tu't'go q'v'gn' O'

**Keywords:** R'qy g't' v't'c'p'u'h'q'to g'tu. K'vgnki gpv'Eqvtqn' Cf cr vñ'g'Eqvtqn'

"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### YAPAY ZEKÂ KULLANARAK GÜÇ TRAFOSU ÇEKİRDEK TASARIMI RQY GT"VTCPUHQTO GT"EQTGF GUK P "WUKP I "CTVHKHKCN"R VGNNK GPEG

Mehmet ZİLE<sup>1</sup>

<sup>3</sup>Fq±Ft. T c/k©pkxgt ukxguk "Vwuc Mc/cp"O gurgni! Āmugnqmw. "O qvqt m' Ctc ±xt 'xg'Wrc vto c"  
VgnpqrlkD¼Āo Ā'W±cmVgnpqrlkuk "Cpnc c. "VĀtnkġ gO'  
<sup>3</sup>QTEK "K" <j wr u-llqt elġ Qit i D222"ó"2224"ó"2679"ó"4346""

#### ÖZET

I grk o gmg" qncp" xg" i grk o k " Āmrgtfg" ¾pgo rk" nupwrcfcp" dkk' fg" gpgtlk' nē{pcmct,p,p" xgko rk' mncp,m cu,f,tO'Grgmtknġpggtlkuk'±q wnwmc"i Ā±'tchqrcf,pf c"j ctecpo cmcf,tO'Grgmtknġpggtlkuk'Ā gvkō . " krgvō " xg"fc ,vō "c co crct,pf c" mncp,ncp" tchqrcf c" dĀ{ Ānġ qtcpc" nē{dc" w tco cmcf,tO' Grgmtknġ pggtlkuk'krgvō "xg"fc ,vō "c co crct,pf c"±qnġdĀ{ Ānġi Ā±gtkō "krgvō guk'pgf gpkġ ng"gpgtlk'xgko rkk k' c±,upfcp"i kf gtnġfcj c"¾pgo rk'xg" k rguġnġj cng"i grō gmġf ktO'Dw'±cn o cf c." {cr c{"| gm"cnġ qtko cu," mncp,rcmġi Ā±" tchqrcf,pf c" o cp{gkni nē{,r rct" xg" ±gnġf gni o cġ go guk' o crkġ gk' f Ā ĀĀo Ā vĀO' ¥gnġf gni gqo gvkuk' {cr c{"| gm"cnġ qtko cu," {ctf,o ,{nc"vcuctrcpo , "xg"uqpwrcf"fg gtrgpf kko k vġO' D¼ġ rgeg"i Ā±"tchqrcf,pf c"±gnġf gmġtġp"gp"wf i wp"fg gt"hqto w'grf g'gf kro g{g'±cn ,m , vġO'Vcuctrcpcp" ±gnġf gni kēk"i Ā±" tchqrcf,p,p" vĀo " r cteco gtrggt'f kmēvg"cnpo , vġO' O cp{gkni ±gnġf gni i gqo gvkuk' i grk vġkrgp" {cr c{"| gm"cnġ qtko cu," kg"qr vō kġ g'gf krgt gni o cp{gkni nē{,r rct" xg"mncp,ncp" o cp{gkni o cġ go gpk" o crkġ gk' f Ā ĀĀo Ā vĀO'D¼ġ rgeg"i Ā±" tchqrcf,pf cnk" o cp{gkni nē{,r rct,p" cġ cn,m cu,{rc" o cp{gkni r gthqto cpu"ctv,t,rdko k vġO' C{p," co cpc"i Ā±" tchqrcf,pf c" o cp{gkni o cġ go g"mncp,o , " cġ cn,m,rcmġi tchq" o crkġ gk' f Ā ĀĀo Ā "xg"tchq" c ,tn , "fc" cġ cn,m , vġO'

Anahtar Kelimeler: "I Ā±"Vtcpuhqto c¼ġrgtk"¥gnġf gmVcuct,o . "I cr c{"| gm"O'

#### ABSTRACT

Qpg"qh"vj g"ko r qtvcpv"kuugu"kp"fgxgrqrpki "cpf"fgxgrqrgf "eqwvġku"ku"vj g"ghhkekp"vug"qh"gpgti {" tguqwtēguO'Grgevtkecnġgpgti {"ku"b quwġ "ur gpvġp"r qy gt"vcpuhqto gtuO'Grgevtkecnġgpgti {"ku"lwdlgev"q"ci tgcv" f gcn'qh"nqu"kp"vcpuhqto gtu"vugf"kp"vj g"r tqf vġkqp."vcpuo kuukqp."cpf"fkutkdwġp"uci guO'F vġ"v"vj g" vcpuo kuukqp"qh'xgt {"rci g'r qy gtu"v"vġkpi "vj g"vcpuo kuukqp"cpf"fkutkdwġp"uci gu'qh'grgevtkecnġgpgti {"k' ku'dgeqo kpi "ġpetgucupi nġ "ko r qtvcpv/cpf "hpevġqpcnġp"vġto u'qh'gpgti {"ghhkekp"e{O'K"vj ku"uwf {"o ci pgvġe" nquugu"cpf "vj g"ēquv'qh'ēqg'b cvgtkcnġp"r qy gt"vcpuhqto gtu'y gtg'tgf wegf "d {"vukpi "cp"ctvġhkecnġpvgni gpeg" cnġ qtkj o O'Eqtg"i gqo gt {"y cu"fgukġ pgf "y kġ "vj g"j gr "qh"cp"ctvġhkecnġpvgni gpeg"cnġ qtkj o "cpf"vj g" tguwuu"y gtg"gxcmēvgf O'Vj wu."vj g"o quv'qr vō cn'hqto "qh'eqtgu"kp"r qy gt"vcpuhqto gtu"y cu"vġkġ "v"dg" qdvġkpgf O'cnġ cteco gvgtu'qhr qy gt"vcpuhqto gtu'y gtg'vncgp"kp"vġceeqwvġhqt"vj g'fgukġ pgf "eqtgO'ci pgvġe" eqtg"i gqo gt {"y cu"qr vō kġ gf "y kġ "vj g"fgxgrqrgf "ctvġhkecnġpvgni gpeg"cnġ qtkj o ."cpf"o ci pgvġe"nquugu" cpf "vj g"ēquv'qh'vj g"o ci pgvġe"o cvgtkcnġvugf "y gtg"tgf wegf O'Vj wu."tgf vġkpi "o ci pgvġe"nquugu"kp"r qy gt" vcpuhqto gtu"o cf g"kv'r qukdrg"vġ"ġpetgucg"o ci pgvġe"r gthqto cpegO'CV"vj g"uco g"vō g."vcpuhqto gt"ēquv" f getgucgf "cpf"vcpuhqto gt"y gki j v'y cu"cnq'tgf wegf "d {"tgf vġkpi "vj g"vug"qh'o ci pgvġe"o cvgtkcnġp"r qy gt" vcpuhqto gtuO'""

Keywords: "Rqy gt"Vtcpuhqto gtu."Eqtg"F guki p."Ctvġhkecnġpvgni gpegO'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### HİSSE SENEDİ FİYAT TAHMİNİNDE YAPAY ZEKÂ ALGORİTMALARI VE ARIMA: BİST100 ÖRNEĞİ

Gökhan GÜVEN

✉ t0I 3/40" ungpf gtwp "VgnpknI@pkxgt ukxguk"

2222/2224/4: 99/46; 9"

Mehmet CİHANGİR

Rt ql0F t0"Qo cpkI g"Mt mw"Cw "©pkxgt ukxguk"

2222/2224/5597/862: "

#### ÖZET

Dqtucf c"j kuug"ugpgf k'hk cv'vcj o lpk"hpccpu"crp,pcf c"3/4go rk'dk"nupwf wt0F q tw'dk"vcj o lpk"o qf grk' {cv,t,o e,net k'hp'het'uc ne{cdkkt0Cpecnddqtucp,p'f g k ngp' {cr,u."gvnk'ko qf gmg't'i grk vto g{k| qtrc vt,t0' [ cr c{"| gne"cri qtko crct, {rc "krk nkr'dA{ An'xgk'cpcrkkn'vgnpknmgk"dqtuc" {cv,t,o , "f c'f c'j ki'qm cni'An' gtg" ±g krk'w'i wro c'crp'rt,pcf c'i kf gtgn'f c'j c"3/4go rk'dk"tqn'q{pco cmcf,t0I gngpgmgn'vcj o lpk' {3/4go rgtk' xgtkgtlp'f wte cp'xg'f q twcn'qm c{cp'i kdk| qt'xctuc {,o net,'pgf gpk'rg'w'i wro cu,"i An'xg'neto c ,m,t0' Dw'±cn o cf c"D UV"322"j kuug"ugpgf k'gpf gmuklp"i grgegn'f g gt'kp'vcj o lpk' gvo gni'k'hp' {cr c{"| gm' cri qtko crct, "xg"kuvcukmgn'vcj o lpk' {3/4go rgtk'p'gp"CTKO C" {3/4go k'mwncp,rcn'vcj o lpk"o qf gmg't' qnw wtwo w "xg" {qtwo rpo , vt0C {t,ec" {cr c{"| gne"cri qtko crct, "kg"CTKO C"o qf grk'lp" An'An'xg' | c{,hmct,"xwti wro , vt0' [ cr c{"| gne"cri qtko crct, "k'hp"Ter kf O k'p'gt."CTKO C" k'hp"GY k'xu'r cng'v r tqi tco net,"mwncp,m , vt0' 230304232/53040423; "ctcu,"i An'An' xgtk'gt" xgtk'ug'vpk' qnw wto cmcf,t0' Cpcrk' "uqpw'rt,pc'i 3/4g'vAo "o qf gmg't'D UV"322"gp'f gni' g'k'k'gt'lp'lp'f l'pco kmgt'k'j cmm'p'f c'dc| , "dki k'gt" uwpo cmcf,t0C {p,| co p'f c'ctc vt0 cf cp'±,net,mp'uqpwec'i 3/4g'dqtuc'f extcp, ,p,"o qf gmg'o gf g" {cr c{" | gne"cri qtko crct,p,p'f c'j c'w'i wro pcdk'qm cu," {cv,t,o e,net'xg'cpcrk'vgt'k'hp'vgt'ek'j "ugdgd'k'q'rdk'k'0'

**Anahtar Kelimeler:** "J kuug'ugpgf k'hk cv'vcj o lpk" {cr c{"| gm' "o cni'p'g'3/4 t'gpo guk"CTKO C"

"

#### ABSTRACT

Uqem'r tleg'r tgf lev'qp"lp'y g'uqem'lo ctngv'ku"cp"ko r qt'vcp'vqr ke"lp'y g'hgrf "qh'hp'cpeg0' Cp'ceewtcvg" r tgf lev'qp"o qf gr'ecp'r tqxkf g'r tqhk'ht"lp'xguvqtu0J qy gxgt."yj g'xqrc'v'g'ut wewtg'qh'y g'uqem'lo ctngv' o cng'u'k'f k'hk'w'n'v'q'f gxgnr "gh'ge'v'xg"o qf gn0Dki "f c'c'c'p'cn'f'v'eu'v'gej pls wgu'cuuqek'cv'gf "y kj "ct'v'h'ek'n' lp'v'gn'ki g'peg'cni qt'kj o u'ct'g'r n' {cp' "lp'et'g'culpi n' "lo r qt'vcp'vt'q'rg'lp'xct'k'w'u'cr r n'ec'v'qp'ct'gcu."k'p'ew'f k'pi " uqem'lo ctngv'lp'xguvo gp'v0Vtcf k'k'q'pcn'r tgf lev'qp"o gv' qf u'ct'g'f k'hk'w'n'c'p'f "eqo r ngz"v'q'ko r rgo gp'v'f w'g'v'q' f k'hk'w'n'cuwo r v'q'pu'w'ej "cu'uc'v'k'p'ct { "cp'f "p'q'p'k'p'g'ct'k'v' { "qh'y g'f c'v'0'k'p"y ku'uw'f { ."r tgf lev'qp"o qf gni' y g'g'et'g'cv'gf "cp'f "lp'v'gr t'g'v'f "v'uk'pi "ct'v'h'ek'n'lp'v'gn'ki g'peg'cni qt'kj o u'cp'f "yj g'CTKO C"o gv' qf ."q'p'g'qh'y g' uc'v'k'w'n'c'n'r tgf lev'qp"o gv' qf u."v'q'r tgf lev'y g'hw'wt'g'x'c'v'g'qh'y g'DKUV"322"uqem'lp'f g'z0'k'p'cf f k'k'q'p."yj g' cf xcp'wi gu"cp'f "y g'c'p'g'u'gu"qh'y g'ct'v'h'ek'n' lp'v'gn'ki g'peg'cni qt'kj o u'cp'f "yj g'CTKO C"o qf gni' y g'g' go r j c'uk' gf 0Ter kf O k'p'gt'y cu'w'ug'f "h'q't'ct'v'h'ek'n'lp'v'gn'ki g'peg'cni qt'kj o u."cp'f "GY k'xu'r cen'i g'r tqi tco u" y g'g'w'ug'f "h'q't'CTKO C0F c'kn'f "f c'v'd'g'w' g'gp'230304232/53040423; "eq'p'uk'w'w'g'y g'f c'v'ug'v0C'eeq't'f k'pi "v'q" yj g'c'p'cn'f'uku't'gu'wu."cni'o qf gni'r tqxkf g'uo g'k'p'ht'o cv'qp'cd'q'w'y g'f {pco leu'qh'DKUV"322"lp'f g'z't'g'w't'pu0' C'v'y g'uo g'v'ko g."ceeq't'f k'pi "v'q'y g't'gu'wu'qh'y g't'g'ug'tej ."yj g'h'ce'v'y cv'ct'v'h'ek'n'lp'v'gn'ki g'peg'cni qt'kj o u' ct'g'o qt'g'cr r n'ec'd'ng'lp'o qf gr'k'pi "uqem'lo ctngv'd'g'j c'x'k'qt'o c { "dg'c't'g'cu'p'h'q't'r t'g'h'et'g'peg'h'q't'lp'x'gu'v'qtu'cp'f " c'p'cn'f'uu0'

**Keywords:** "Uqem'r tleg'r tgf lev'qp."ct'v'h'ek'n'lp'v'gn'ki g'peg."o cej k'p'g'ht'cp'k'pi ."CTKO C"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TANZİMAT FERMANIN OLUŞUM SÜRECİNDE MECLİS-İ VÂLÂ-YI AHKÂM-I ADLİYE’NİN ROLÜ VE BU SÜREÇTE MECLİS İŞLEYİŞİNİN DÜZENLENMESİ (1838-1840)

#### THE ROLE OF THE MAJLIS-I VALÂ-YI AHKÂM-I ADLİYE IN THE FORMATION PROCESS OF THE TANZİMAT EDICT AND THE REGULATION OF THE FUNCTIONING OF THE PARLIAMENT IN THIS PROCESS (1838-1840)

*Demet KARASU<sup>1</sup>*

<sup>3</sup>F t 0" t 0@{guk" / o k "Dcmt ±c { "©pkxt ukxguk" puwp "xg"Vqrmw "Dtko rgt k'Hcnânguk "Vct kj "D³/ão ã " \ O T. "V©TM [ GO

<sup>3</sup>QTEK "KF <j wru<llqtekf Qti I222/2225/69: 6/8893"

#### ÖZET

Quo cpn," F gxrngvwpf g" uqp" | co cpirtfc" F kx-p/, " J ão -{ ãpøwp." uqptcu,pf c" f c" O g xgtgv" O gerukvwp" 3/pgo kp" { kkt o guk'kg" Uwnep" K0" O c j o wf. "kf ct, "cpico f c" dk" dq nw w'f qrf wcdkmo gn'xg" j gf ghrgf k k' tghqto nct, " i gt±gmng vktgegndk" o gncpk o c { c" f wf wwp" kj vk { c±cp" f qrc { , " O geru/k' X-n / { , " Cj mro / , " Cf rkf gøf k'kj f cu" gw0" Quo cpnøp, p" j go "dcv,nrc o c" j go "f g" f go qntcvknng o g" uãgelvwp" 3/pgo rk" o kj gpn' v nct,pf cp "dkk'xg" Vcp| ko cvf gxtkwp" gp" o ãj ko 'qti cp, 'qm cu, 'c { t, ec' i ãp ão ã " f go qntcvkn' o gerukvwp" f g" vgo grkp'qmw wto cu, " c±, u, pf cp. " O geru/k' X-n / { , " Cj mro / , " Cf rkf g" 3/pgo "ct| " gvo gmgf kt 0" Dc npi , ±c" dk" f cp, o c" o geruk'qirtcnimvwp" O geru/k' X-n " Vcp| ko cvøp'krp, p, p" j go gp" cnedkpf g'cif , , "xc| khergt" kg" cf , pf cp" ±qm±c" u3/4 " gwktgp" 3/pgo rk" dk" mwtwo " j cnkg" i gm k vkt 0" O gerukg, " mwtwv " kkdctkf rg" dc| , " r tqdrgo rgt "kg" nct , rc , , w , vt 0" Cpecm" O wuxhc" Tg kf " Rc c" xg" O gj o gf " Go kp" Tcwh" Rc c" vctch,pf cp" j c| , trcp" j c { rkf go qntcvkn' idk " k±vã " ãn'kg" dw' uqtwpnct " dkgt " dkgt " c , , , vt 0" O geru/k' X-n -øp, p" vqr ncpv, " wuwngtk'kg" 3/4 i ã " xg" f go qntcvkn' ±cn, o c" r tgpuk rgtk" o gerukvwp" ngpf kpf gp" uqptcnk' f 3/pgo g" 3/4 pgn'v ngkl' gvo k vkt 0" J c| , trcp" k± vã " ãm" i ãp ão ã " o gerukvwp" k rg { k rgtkwp" vgo grk' qm w. " dc| , " mwtcnct " j k± f g k o gf gp" j cnpg" mwp, m c { c" f gxco " gvo gmgf kt 0" " dw" ±cn, o cf c± O geru/k' X-n / { , " Cj mro / , " Cf rkf gøp" pg" co c±rc" mwtwf w w. " mwtwv " c co cu, " f gxrngvwp" cpc { cucnrc o c" uãgelvwp" i g±k vg" 3/pgo rk" cf , o nct cp " dk" qrcp " Vcp| ko cv" Hgto cp, øpc" qrcp" gvruk' xg" f cj k' hgto cp, p" o gerukvwp" k rg { k kpg" xg" cmkng o gulpg" qrcp" tqnã" ã g tkpf g" f wt wrecm, t 0" Dw' dki kgt. " ct kx" dgni grgtk' i kdk' 3/pgo rk" cpc" nrc { pcnct " , , , pf c" gng' cnpctcm" c±, mwpccm'xg" { qtwo mwpccm, t 0"

**Anahtar Kelimeler:** " O geru/k' X-n / { , " Cj mro / , " Cf rkf g. " Dcv,nrc o c. " Vcp| ko cv. " F go qntcvknng o g. " O wuxhc " Tg kf " Rc c 0"

#### ABSTRACT

Y kj "y j g" t gegpv' ihu' qh' ko r qtvepeg' qh' y j g' k0 r g t kcn' Eqwpekn' cpf "rcvgt" y j g' Eqpuwncvkg" Cuugo dnf "lp" y j g' Qwqo cp "Go r ktg. " Uwnep" K0" O c j o wf " etgcvgf " y j g" O clru/ k' X-n / { , " Cj mro / , " Cf rkf g " O geru/k' X-n / { , " Cj mro / , " Cf rkf g +vq " hkn' cp" cf o kpkvncvkg" i cr " cpf " vq' tgerk' g' y j g' pggf " hqt " c" o gej cpkuo " y j cvy qwf " tgerk' g" y j g' tghqto u' j g' vti gvgf 0" Vj g' O clru/ k' X-n / { , " Cj mro / , " Cf rkf g " ku" ko r qtvepv' lp" vgo u' qh' dglpi " qpg' qh' y j g" ko r qtvepv' eqtpgtuvpqu' qh' dqy " y j g' y gvgtpk' cvkp" cpf " f go qetcvk' cvkp" r tqegu' qh' y j g' Qwqo cp " Go r ktg" cpf " y j g" o quvko r qtvepv' qti cp " qh' y j g' Vcp| ko cvr gtlqf. " cu' y gm' cu' hqto lpi " y j g' dcuku' qh' vqf c { u' f go qetcvle" cuugo drku' Vj g' O clru/ k' X-n " y j lej " y cu" kpkcm { " guvdrkuj gf " cu" cp" cf xluqt { " eqwpekn" dgeco g" cp" ko r qtvepv' kpuvkwkq" y j cv" o cf g" c" pco g" hqt " kugh' y kj " y j g" f wkgu' k' vqgn' qp" ko o gf kvgnf " chgt" y j g" f gerucvkwq' qh' y j g' Vcp| ko cv 0" Uqo g' r tqdrgo u' y j g' gpeqwpvgf g' kp' y j g' Rctrico gpvf wg' vq' ku' guvdrkuj o gpv 0" J qy gxtg. " y j g' r tqdrgo u' y j g' g' qxgteqo g' qpg" d { " qpg" y kj " c" j k j n { " f go qetcvle" kpvgtpcn' tgi wrcvwp" r rgt ctgf " d { " O wuxhc " Tg kf " Rcuj c" cpf " O gj o gf " Go kp" Tcwh' Rcuj c 0" Vj g' o ggkpi " r tqegf wtgu' cpf " htgg" cpf "

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

f go qetcvle'y qtnkpi 'r tlpekr ngu'qh'vj g'I tcpf 'P cvkqpcnCuugo dn' 'ugv'cp'gzco r ng'hqt'vj g'hqmry kpi 'r gtlqf O' Vj g'lpvgtpcn'tgi wcvkpu'r tgr ctgf "dgeco g'vj g'dcuku'qh'vj g'hpevkqpkpi "qh'vqf c ( )u"cuugo drkgu."cpf "uqo g" twgu"eqpvkpwg"vq"dg"wugf "y kj qw'cp{ "ej cpi g0'k'vj ku'uwf {="Vj g'r wtr qug"qh'vj g"Guvcdikuj o gpv'qh'vj g" O clnku/k'X-n/{, "Cj mro /, "Cf nk'g'y knidg'hqewugf "qp. 'ku'guvcdikuj o gpv'r j cug. 'ku'ko r cev'qp'vj g'Vcp| ko cv' Gf lev."y j lej "ku'qpg"qh'vj g"ko r qvcpv'ugr u'lp'vj g'vcpukqpv"vq"vj g'eqpvkwwkqpcnk' cvkqp"r tqeguu'qh'vj g" uvcg."cpf 'vj g'tqrg'qh'vj g'gf lev'qp'vj g'hpevkqpkpi "cpf "cevkvkqpv'qh'vj g'r ctrko gpv'Vj ku'kphqto cvkqp'y kni dg"gzr rkpqf "cpf "kpvgr tgvf "lp'vj g'ki j v'qh'ko r qvcpv'r tko ct { "uqwtegu'uwej "cu'ctej kx'f qewo gpw0'

**Keywords:** "O clnku/k'X-n/{, "Cj mro /, "Cf nk'g."Y guvgtpk' cvkqp. "Vcp| ko cv."F go qetcvl' cvkqp. "O wvchc" Tg kf "Rcu'j c0'

"



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#### SIVILAŞMA POTANSİYELİ OLAN ZEMİNLERE İNŞAA EDİLEN HOMOJEN DOLGU BARAJLARDA DEPREM ETKİSİNDE SIVILAŞMA MEKANİZMASI VE DİNAMİK DEFORMASYONLARIN İNCELENMESİ

#### INVESTIGATION OF THE LIQUEFACTION MECHANISM AND DYNAMIC DEFORMATIONS IN HOMOGENEOUS EMBANKMENT DAMS CONSTRUCTED ON LIQUEFIABLE SOILS UNDER EARTHQUAKE EFFECTS

Burak SELEK<sup>1</sup>

<sup>3</sup> p ccv'OĀj gpf kuk 'I c/k'©pkxgt ukvguk 'Hgp 'Dkko rgt k'GpukwĀũĀ " p ccv'OĀj gpf kuk k'Cpc 'Dkko 'F cn. " Cpnc t c. "VĀt nkġ gO'

<sup>3</sup>QTEK 'KF <j wr u<lqt ekġ Qti I222; /2227/7258/6467"

Nihat Sinan IŞIK<sup>2</sup>"

<sup>4</sup>Rt qkF t0'I c/k'©pkxgt ukvguk 'Vgnpqrlk'HcnĀnguk " p ccv'OĀj gpf kuk k'D'Āo Ā. 'Cpnc t c. "VĀt nkġ gO'

<sup>4</sup>QTEK 'KF <j wr u<lqt ekġ Qti I222/2224/7326/; 726"

#### ÖZET

F gr tgo 'u,tcu,pf c'bo g{f cpc'i grgp| go kp'j ctgnvrgtk'f qni w'detclmrtf c'ekf f kf ghqto cu{ qprtc'c{ qnġ±cdkrt'0' F qni w' detclmrt,p" vcut,o rct," ncr uco ,pf c" f gr tgo rgt" u,tcu,pf c" u,x,rc o c" r qcvpukġ grk' xg" i gtrko g/ f ghqto cu{qp" f cxtcp, rct,p,p" f gw{ n" dk" gnk'f g" kpegngpo guk' 3/4go " ct| " gvo gmgf kt'0' Dw' ±cn o cf c." u,x,rc o c'f w{ctn'mwo "dklo "xg'u,x,rc o c'r qcvpukġ grk'qm c{ cp'nknk'dklo "Ā gt kpf g'dwvwp'42'bo gvtg" { Āmgnk kpf g" j qo qlgp" kpeg" vcpgrk' o cn go g" f qni vww' dk" detcl,p" f gr tgo " gnkuk'f gnk' f kpc o kn' f cxtcp, rct., "ug-krgp" hctm" f gr tgo "ugpct { qrt, "k-kp" Rrczku"4F "uqpnw' grgo cprct" { c| ,no , "mwrcp, rctem' cprkġ "gf kno k vkt0Mwo "dklo "u,x,rc o c'r qcvpukġ grk'pgf gpkġ rg'Rrczku"WDE5F /RNO "o qf grk'nwrcp, rctem' cprkġ "gf kno k . "nknk'dklo "xg" j qo qlgp" f qni w'vdcnrcrt, "kug" J ctf gplpi "Uqln'Uo em' Utclp" o qf grk'krg" f g gtrgpf kko k vkt0[ cr ,rcp'cprkġ rgt "uqpwepf c. "Ā±hctm" f gr tgo "ugpct { qrt, p,p" \*J gewt'0' kpg. "Vqvwtk" F Ā eg+'detcl'Ā gt kpf gnk'gnk'gtk'm{ curpo , vto' | grknng" F Ā eg" F gr tgo "ne { f ., "cprco n' uĀt g" xg" Ctkcu" { q wpnw w'c±,u,pf cp'ntk'ndk' 3/4pgn'qrcem' 3/4pg±,no , "xg'dwf gr tgo "ne { f ,u,tcu,pf c. f Ā Ānġo cmuko wo " {gt" kxo guk'pg" tc o gp. " wġ wp" uĀt gp" uctu,pv,rc" pgf gpkġ rg" | go kp" u,x,rc o c" tkunk' qrf wnc" { Āmgn' dwmpo w wv0Dwpw" { cp, 'u,tc. "f k gt' f gr tgo "ne { ,vrt, p,p" f c' u,x,rc o c' tkunk'pg' qrcp' gnkuk'f gw{ n" gnk'f g" cprkġ "gf kno k vkt0' Vqvwtk' f gr tgo k' { Āmgn' o cmuko wo " {gt" kxo guk' xg" Ctkcu" { q wpnw w'krg" u,x,rc o c" r qcvpukġ grk'p' gp" hc| n" ctv,rcp" f gr tgo " qrcem' f kmcv" ±gno k vkt0[ cr ,rcp' cprkġ rgt. " f qni w' detclmrt,p" f gr tgo g'f c{ cp, mn, n ,p, f g gtrgpf kto gf g'ucf geg' o cmuko wo " {gt" kxo guk'p' f g kn' c{ p, | co cpf c'ukuo kn' gpgtlk'p" { cr, { c" cmct, rf , , " uĀt gplp" f g" f kmcv" cnpo cu, " i gtmk kpk' i 3/4vgt o k vkt0' C { t, ec. " f gr tgo " uĀt guk'p' wġ wpnw w' detcl' i Āxgprk k' xg" u,x,rc o c' r qcvpukġ grk' c±, u, pf cp' dgrk' rg { lek' dk' hcm' 3/4 " qrcem' 3/4pg" ±,nv , "qtvc { c' hupw w wv0

Anahtar Kelimeler: "U,x,rc o c. 'F qni w'Detcl. 'F gr tgo . 'F kpc o kn' Cprkġ "

#### ABSTRACT

I tqwpf "o qkqpu'f wtkpi "cp" gctvj s weng" ecp'ngcf "vq'uki p hkecpv'f ghqto cvkqpu'kp" go dcpno gpv'f co u0K'ku" etweken' vq" vj qtqwi j n{ " gzco kpg" vj g" nks wghcvekp" r qvqpkcn' cpf " utguu/f ghqto cvkqp" dgj cxkqtu" qh' go dcpno gpv'f co u'f wtkpi "gctvj s wengu'cu'r ctv'qh'vj gk' f guki p0K' vj ku'uwf { . "vj g'f { pco le" dgj cxkqt' qh'c" 42/o gvtg/j ki j " j qo qi gpgqwu' hkp/i tclp'f "o cvgtkcn' hknf " f co . "ukwcvf "qp'c' nks wghcdrg'ucpf "rc {gt" cpf "c" pqp/nks wghcdrg'erc { "rc {gt. "y cu'cpcn| gf "wpf gt' f hgt gpv'gctvj s weng' uegpctkqu' wulpi "vj g' Rrczku"4F " hkp'kg" grgo gpv' uqhy ctg0' Vj g' ucpf "rc {gt. "f wg" vq" ku" nks wghcvekp" r qvqpkcn" y cu' cpcn| gf " wulpi " vj g' Rrczku"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

WDEF/RNO "o qf gn"y j kg"vj g"er{ "re{gt"cpf "vj g"j qo qi gpgqwu"hm"re{gtu"y gtg"gxcnecvgf "y kj "vj g" J ctf gplpi "Uqkl"Uo cml"Uctclp"o qf grOCu"e"tguw/qh"vj g"cpn{ ugu. "vj g"ghgewu"qh"vj tgg"f khhgtgpv"gtvj s weng" uegpctkqu"\*J gevqt"O kpg."VqwqtK "F Å eg+"qp"vj g"co "y gtg"eqo r ctgf OP qvcdn{."vj g"FA Å eg"Gctvj s weng" tgeqtf "uqqf"qw"cu"e"etklecndzco r ng"kp"vgtu u"qh"uki pkkcepv"fwcvkqp"cpf "Ctkcu"kpvgpukv{ OF gur kg"vj g" nry "r gcm{i tqwpf "ceegrgtcvkqp"fwtkpi "vj ku"gtvj s weng."vj g"rks wghcevkqp"tkun'y cu"lqwpf "vq"dg"s wks"j ki j " f wq"vq"vj g"r tqmipi gf "uj cnkpi O"K"cf f kkkqp."vj g"ghgewu"qh"qj gt"gtvj s weng"tgeqtf u"qp"rks wghcevkqp"tkun' y gtg"cuq"cpn{| gf "kp"fgvklO"VqwqtK"gtvj s weng."y kj "ku"j ki j "r gcm{i tqwpf "ceegrgtcvkqp"cpf "Ctkcu" kpvgpukv{."uqqf"qw"cu"vj g"gtvj s weng"vj cv'o quv"ketgcugf "vj g"rks wghcevkqp"r qvgpvkrd' Vj g"cpn{ ugu' f go qpuctevgf "vj cv."kp"gxcnecvpi "vj g"gtvj s weng"tgukdgpeg"qh"go dcpno gpv'f co u."pqv'qpn{ "vj g"r gcm' i tqwpf "ceegrgtcvkqp"dw'cuq"vj g"fwcvkqp"qxgt'y j lej "ugkuo le"gpgti { "ku"tcpuo kwgf "vq"vj g"utwewtg"o wuv' dg"eqpukf gtgf OHwtvj gto qtg."vj g"fwcvkqp"qh"vj g"gtvj s weng"go gti gf "cu"e"fgeluxg"hevqt"lqt"fcu "uchgv{" cpf "rks wghcevkqp"r qvgpvkrd'

**Keywords:** Nks wghcevkqp."Go dcpno gpv'F co u."Gctvj s weng."F {pco le"Cpn{uku"

"  
"

# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## NANOAKIŞKANLAR VE ÜRETİM YÖNTEMLERİ NANOFLUIDS AND PRODUCTION METHODS

*Hamza ERTÜRK*

*O cnkpg"O Ğj gpf kuk" p³pĀ"©pkxgt ukxguk "O Ğj gpf kukHcnĀnguk "O cnkpg"O Ğj gpf kuk k"O crxvc. "VĀtnkġ g" j wru<llqteġ Qiti D222/2223/2739/; ; 6; "*

*Tarkan KOCA*

*F q±gpv'F t0" p³pĀ"©pkxgt ukxguk "O Ğj gpf kukHcnĀnguk "O cnkpg"O Ğj gpf kuk k"O crxvc. "VĀtnkġ g" j wru<llqteġ Qiti D222/2224/8: : 3/6375"*

### ÖZET

P cpq" dq {ww" o cġ go grt" j cnmpf c" {cr,rep" etc vto crct" xg" ±cn o crct" i Āp" i g±kmg" ³pgo " nē| cpo cmcf ,t0'P cpqvgppqrlk"pcpqr ctvknĀn"pcpqcem nēp"uq"| co cprctf c"o gtcnī nūpwuw"qno w "xg" dktko ugn' etc vto c" nūpwrt,pcf c" ngpf kgtkpg" {gpk' dkt" crp" {ctco , vto I ĀpĀo Ā " f Āp {cu,pf c" dktko " kpcprct,"o gxewhē {pemt, "gp'k'k' gnkf g'mwncpo cp,p {qmt,p, 'ctco cmcf ,t0'P cpqcem nēpct' uq wo c. " ,u,vo c. "gpf Āntkġ gnk'g'ucpc {klukugo rgtkpg'gpvgi tg'gf kgtgnūukugo rgtkpg'xg'ko rnk kpf'g'b g {f cpc' i gvt geg k' ctv, 'cte vto cmcf ,t0'J gtj cpi k'dkt"o cġ go gpk'p'cpq"dq {wwcnk' ct±ce, ,p,p'kugpkpg' r gthqto cpu, 'f cj c" k'k' gt±gmg vto gdko gukf gp'³pĀ"©pkxgt ukxguk "O Ğj gpf kukHcnĀnguk "O cnkpg"O Ğj gpf kuk k"O crxvc. "VĀtnkġ g" j wru<llqteġ Qiti D222/2224/8: : 3/6375"

P cpqcem nēp. 'pcpgo gvknddq {wwcnk' ctvknĀngtk' vgo gndkt' cm nēp' k±gtkuf g'f c ,vto cu, 'k'g'qmw wtwrp" {gpk'dkt'cm nēp'vĀĀf Ā0'P cpqcem nēpct. " {q wpx vto , , "pcp"o cġ go grt "k±gtk0'P cpqcem nēpct,p" k±pf g" dwncp"pcp"o cġ go grt "uc {gukf g" vto cī k'gvngprkm" xknq| kg"xg",u, "vto puhg" nēuc { ,u, "i kdk' ³pgo rk'vto qhk' knugī³ gnknkt'ctv, " i ³pgo rgo rgo gmgf k0'

P cpqcem nēpct'mwncp,rf , , 'ukugo rgtf g"gpgtlk'xg'ukugo "xg'ko rnk k'ctvto cnk'k±p'vgteġ "gf ko gmgf k0' O gxew' ukugo rgtf g" pcpqcem nēpctf cp" xg'ko rnk'ni' g'f g" gvo gni' k±p" pcpqcem nēpct,p" dcl , "hk' knugn" nko {cucn' xg" vto qhk' knugn' ³ gnknkt'k' ³pgo " nē| cpo cmcf ,t0' J qo qlgprkm" pcpqcem nēp,p" hk' knugn' ³ gnknkt'k' g'p' dkt'k'qnr " qrf wnc" ³pgo " v ,o cmcf ,t0'P cpqcem nēpct,p" mwncp,rf , , "ukugo rgt" ±qni' dĀĀ Ānīqtcpf c"j qo qlgp"uqñu{qprctf c"xg'ko "uc nēo cmcf ,t0'Dwpcp"³pĀ"©pkxgt ukxguk "O Ğj gpf kukHcnĀnguk "O cnkpg"O Ğj gpf kuk k"O crxvc. "VĀtnkġ g" j wru<llqteġ Qiti D222/2224/8: : 3/6375"

P cpqcem nēpct,p" j c| ,trpo cu,pf c" gp" u,ni' mwncp,rep" {³pgo " knk' c co cn" {³pgo f k0' mī qrtcnī pcpcem nēpf c"mwncp,ncenīqrcp'pcp"dq {ww"o cġ go g"pcpqr ctvknĀn"pcpqrkdg. 'pcpqrĀ "xd0'Hk' knugn' xg'c'hko {cucn'³pgo rgtg'vq| "qrtcnīĀg'vktOF cj c'uqptcu,pf c'knkpekk rgo 'cf ,o ,pf c'grf g'gwk ko k' 'pcp" dq {ww" vq| . " {q wp"o cp {gkni' mxxgv' ±cmnc c. " wncuqpkni' ±cmnc c. " {Āngni' ugxkġ grk' nē, vto c. " j qo qlgprg vto g'xg'dkn' grk'³ Āo g' {ctf ,o , 'k'g'dkt' u,x, {c'f c , vnt0'

Vgnī c co cn" {³pgo f g"pcpqr ctvknĀn"Āg'vko k'xg'pcpqcem nēp"j c| ,trpo cu, "c {p, "cpf c" {cr,nt0'Dw' k rgo f g'pcpqr ctvknĀn'vq| "j cnk'pf g"Āg'vkt k'k'cpf c' uqñu{qp'k±p'g'f k'gnīncv,ntcnīj qo qlgp"xg'nēctn' dkt' pcpcem nēp"j c| ,trpo cu, "uc rcp,t0'

Dw'o gkpf g'pcpqcem nēpct,p"j c| ,trpo cu, "k'g'ki k'k' {cr,m , "±cn o crct"xg"etc vto crct "kpeg'gpo k vto O gxew'vgppqrlk'g'pcpqcem nēpct,p"j c| ,trpo cu, "k'g'ki k'k'ucf geg'knk' {³pgo lp"xctn , "xg'j gpĀ "±qni' {gpk' dkt" etc vto c" crp, " qno cu, "ugdgd' k'g" mu,vn" nē {pemtfcnk' dkt' kgt" , , ,pf c" dw" ±cn o c" vto co rpo , vto

**Anahtar Kelimeler:** P cpqcem nēp. P cpqcem nēpct,p"J c| ,trpo cu, "VgnīC co cn" [ ³pgo . " nk'c co cn" [ ³pgo "

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#### ABSTRACT

Tgugctej "cpf"uwf lgu"qp"pcpq/uk gf "o cvgtkcn"ctg"i cklpi "ko r qtvcpog"fc {"d {"fc {"OP cpqvej pqmi { ." pcpqr ctveng. "pcpqhmkf u"j cxg'tgegpv" dgeqo g"cuwdlgev"qh'ewtkukv" cpf "j cxg'etgcvgf "c"pgy "hgnf "hqt" vj go ugrgu"kp"uelgpv"tugctej O'Kp"vqf c {"u"y qtrf. "uelgpvku"ctg"mqnkp "hqt"y c {"u"vq" wug"gzkukpi " tguqwtegu"kp"vj g'dguv'y c {"r quukdngOP cpqhmkf u"ctg"dgkpi "kpvgi tcvgf "kpq"eqqkpi. "j gcvkpi. "kpf wutkcn'cpf" kpf wutkcn'u{ ugo u'cpf "vj g'kpetgcug"kp"vj g'ghhlekpe {"qh'vj g'u{ ugo u'ku'dgkpi "kpxguki cvgf OP cpqr ctveng" ctg"dgeqo kpi "kpetgcukpi n' "ko r qtvcpv'f wg"vq"vj g'hcev'vj cv'pcpq/uk gf "r ctveng"qh'cp {"o cvgtkcn'ecp"dgwgt" r gthqto "vj g'f guktgf "r gthqto cpegO'

P cpqhmkf u'ctg"c"pgy "v"r g'qh'hmkf "etgcvgf "d {"f kur gtukpi "pcpqo gtle"r ctveng"kp"c"dcule"hmkf OP cpqhmkf u' eqpvckp"eqpf gpugf "pcpqo cvgtkcn'O'Vj cpmi"vq"vj g'pcpqo cvgtkcn'eqpvckp"kp"pcpqhmkf u."cp"kpetgcug"kp" ko r qtvcpv'j gto qr j { ulecn'r tqr gtvgu'uwej "cu"vj gto cneqpf wexkv. "xkuequkv"cpf "j gcv'tcpuhgt"eqghhlekpp" ku'qdugt xgf O'

P cpqhmkf u'ctg"r tghgtgf "vq"kpetgcug"gpgti {"cpf "u{ ugo "ghhlekpe {"kp"vj g'u{ ugo u'y j gtg"vj g {"ctg" wugf O' Kp" qtf gt "vq" qdvckp" ghhlekpe {"htqo "pcpqhmkf u" kp" gzkukpi "u{ ugo u." uqo g" r j { ulecn" ej go lecn' cpf" vj gto qr j { ulecn'r tqr gtvgu"qh'pcpqhmkf u'ctg"i cklpi "ko r qtvcpog'O'J qo qi gpgkv {"ku"qpg"qh'vj g" r j { ulecn' r tqr gtvgu" qh' pcqhmkf " cpf " ku" xgt {" ko r qtvcpv' U{ ugo u" wukpi " pcqhmkf u" r tqxkf g" ghhlekpe {" kp" j qo qi gpgqwu"uqmwkpu"vq"cu"i tgev'gzvgp'O'Vj gthqg. "vj g"j qo qi gpgkv {"cpf "ucdkkv {"qh'vj g"uqmwkq"ctg" ko r qtvcpv'j gp"r tgr ctkpi "pcpqhmkf u'O'Vy q'f kthgtgpv'o gyj qf u'ctg" wugf "kp"vj g"r tgr ctvckp"qh'pcqhmkf u' vj g"y q/uvc g'o gyj qf o'cpf "vj g"y qpg/uvc g'o gyj qf o'

Vj g"o quv'eqo o qpn' "wugf "o gyj qf "kp"vj g"r tgr ctvckp"qh'pcqhmkf u'ku"vj g"y q/uvc g"o gyj qf O'Hktuv."vj g" pcpq/uk gf "o cvgtkcn"pcpqr ctveng. "pcpqhkdgt. "pcpqwdg. "gveO"vq"dg" wugf "kp"pcpqhmkf "ku"r tqf wegf "cu"cu" r qy f gt "d {"r j { ulecn'qt"ej go lecn'o gyj qf u'O'Vj gp. "kp"vj g"ugeqpf "r tqeguu"vgr. "vj g"pcpq/uk gf "r qy f gt "y g" qdvckp"ku" f kur gtugf "kpq"cu"rks wkv "y kj "vj g"j gr "qh'kpvug"o ci pgve"hteg"uj cnkpi. "wmcuqple"uj cnkpi. " j ki j /rgxgn'o kzkpi. "j qo qi gpk cvkq"cpf "dcn'o knkpi O'

Kp"vj g"qpg/uvc g"o gyj qf. "vj g"r tqf wekq"qh'pcpqr ctveng"cpf "vj g"r tgr ctvckp"qh'pcpqhmkf u'ctg"ectkfg" qw'uko wncpgqwu"O'Kp"vj ku"r tqeguu. "vj g"pcpqr ctveng"ku" f ktgev" "cf f gf "vq"vj g"uqmwkq"cu"uqpp"cu"kw"ku" r tqf wegf "kp"r qy f gt "hqt. "cpf "c"j qo qi gpgqwu"cpf "ucdng"pcpqhmkf "ku"r tgr ctgf O'

Kp"vj ku'vgzv."uwf lgu"cpf "tugctej "qp"vj g"r tgr ctvckp"qh'pcpqhmkf u"j cxg"dgpp"tgxkgy gf O'Vj ku'uwf {"y cu" eqo r rvgf "kp"vj g"rki j v'qh'kphqto cvkq"kp"rko kvf "tguqwtegu."cu"vj gtg"ctg"qpn' "y q"o gyj qf u'hqt"vj g" r tgr ctvckp"qh'pcpqhmkf u'kp"ewtgpv'vej pqmi {"cpf "k'ku"cu"xgt {"pgy "tugctej "ctgcO'

**Keywords:** "P cpqhmkf. "Rtgr ctvckp"qh'P cpqhmkf u."Ukpi rg/Ugr "O gyj qf. "Vy q/Ugr "O gyj qf "

"  
"

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#### ATEN İNANCI VE YENİ KRALLIK DÖNEMİ MISIR'INA YANSIMALARI ATEN BELIEF AND ITS REFLECTIONS ON NEW KINGDOM EGYPT

Dr. Öğretim Üyesi Cemal Yılmaz

/o kt "Dcmt ±c { "©pkxgt ukxguk " pucp'xg'Vqr nwo "Dkko rgt kHcnÑnguk "Vct kj "D'ñAo Ñ "Gunk±c "CDF."

Qtej kf <2222/2225/5697/276Z"

#### ÖZET

I ÑpÑo Ñ f g'Qtvc'O ,u,tøf c' { gt "cnp"dk"næucdc"qncp"Dgpk'Co tep."Gunk'[ cnpf q w'f kr nqo cuklpxf g'xg' Gunk'O ,u,t'f klpkf g'±qm³pgo rkdkt' { gt g'ucj kr kt0Dwtcf c'dwncpcp"±xk' { c| ,n'bo gnwr nct'uc { gukpf g'O "360' [ Ñ { ,rif c'dk'f kr nqo cuk'f gxtlpxp' { c cpf , "qtvc { c'±,net,m , vt0D³4i gplp'dk'f k gt'³pgo k'lug'O ,u,tøf c' f kpf g'tghqto "j ctgnvpxk'dc nævcp"KX0'Co gpj qvgr dpx' { gpk'dc ngpv'qno cu,pf cp"krkt' i gro gmgf kt0'Dw' Hkcxwp'Gunk'O ,u,t'vpt,net,pc'net , "dk'ucxc "c±o , "gunk' g'f ckt'kpcp±net ,tche'neif ,to , "xg'Cvyp'o gtnq' r'k' { gpk'dkt'kpcp±'ukugo kqtvc { c'±vo , vt0Cvypk' o g'qrctemdkkpgp'dw'kpcp±'ukugo klp'gp'vgo grico ce,'Co qp' tcj kr rgtlpxp'Ñmgf gnk'pÑw' wpwnto cnv,t0Dw'kpcp±'ukugo klp'o ko ct , "qncp"KX0'Co gpj qvgr 'cf ,p,'Cnj gp/ cvyp" gmlpxf g'f g k kt0' Hkcxwp' c { p, | co cpf c" Cvyp' kpcpe,p,p" xgkdgngtkpg" i ¾4g' kp c" gf kro k . " ¾4pg kp'c±,m³j exc'vcr ,pcmct ,i kdk' { cr ,net , "qncp±' { gpk'dkt' dc ngpv'f g'mto w wt0Dw' { gtnq ko "cncp , "Qtvc" O ,u,tøf c' { gt "cnp. "Co ctpe"O gnwr net ,øp,p'f c'dwncpf w w'Cnj gv'cvyp" \*cpnc , "Cvypdpx'Wmw'kf k'cf , { r" dkkpo gmgf kt0'DÑp' dwi grk o grtgf gp'kj co "dc| , "dkko "kpcpncrct , "Cnj gpcvyp'kxp'tghqto ku'ntcn' km'vgn' vpt , "kpcpe,p , i gvtgp'ntcn' gmlpxf g' { cm vt0 crctf c'dwncpo w rctf ,t0" v' { cpf cp'dc| ,net , "f c"qpwp'kxp' ucr mp'ntcn'cpnc ,pc' i grgp'j gtgkmpkgrgpf kto gukpk' { cr o , rctf ,t0"

Dw'kpcp±'ukugo kpf g'f g'Co qp/Tc"mÑp'f g'qrif w w'i kdk'i Ñpg "o gtnq' g'cnpo , vt"nk'Cnj gpcvyp'kr'g k' P ghetvklpxp'±qewmct , { r" dgtcdgt'vcuxk' gf kf k k'ucj pgf g"qncrct,p" Ñ gt kpf g' Cvyp" i Ñpg "f kunk' xctf ,t0' Dwtcf c" i Ñpg vgp" i grgp" , ,pncrct,p" w±" mü,o nct,pf c" Cvypdpx' j c { cv' xgtlkk k' cpnj" ugo dqnÑ' kr' xwti wrcpo , vt0'Cnj gpcvypdpx'kpcp±'ukugo klp'kpcp'g' gp'dkko "kpcpncrct , "dwpwp" o qpqvgku' dk' { cr ,f c' qrf w wpw' dgrktvknpg" dc| , " dkko " kpcpncrct , " f c" dwpw' j gpqvgku' qrcteni' f g gtnqpf kto krctf kt0' Dwtcf c" J gpqvgku'kr'dk'vpt,p,p'³pg'±,net,m cu ,f k gtnq'kpxp'lug'i gkkt'ncp'kkro gukxwti wrcpo , vt0Mc { pcncrctf c' mcnp'f c'vcr ,p,o "i ¾4f Ñ Ñ' Hkcxwp'xg'ckngulpxp' Cvypøg'vcr ,pf , , "qncrct,p'j cm'kr'g' Cvyp'ctcu,pf c'dk'ctce," tqn'q { pcf ,mct , "f c"krctf g'gf kro gmgf kt0'Cvyp'kpcpe,p,p'Gunk'O ,u,tøf f kpk'cpnc f c'dk'uctu,pv' { c ±vo , " qrf w w'c±,m,t0'Dw'wpw'uk'cugv'f g' { cpu,o cu , "qno w . "O ,u,t'3: 0'J cpgf cp'F gxtlpxp'dgmk'f g'gp' | c { ,h' | co cpncrct,p' { c co , vt0'©mgf g'dk'f k'p'tghqto w' { c epoc u,pc'f c'dc n'qrcteni'k'±j w vt'dq' wro w ."gunkuk' i kdk'dc ct,n'ughgrtg' { cr ,ncoco , vt0" v' { cpf cp' Cvyp'kpcpe,p,p'w { i wrcpo cu , "gupcu,pf c'Ñmgf gnk'f k gt" vpt,net,p'vcuxkngtkpg'f g' | ctct'xgtrk k kt0'Dw'f wto w'vcuxk'mt,e , "dk'j ctgnv'qrcteni'pksgrgpf k'gdktk' 0' Cvypøg'kpcpncrct,p'ugti krkf k'kdw'f cxtcep , .p'dgp| gk'k' Cnj gpcvypdpx'³4Ño Ñp'f gp'uqptc'ckngulpxp'xg' Cvypdpx' vcuxkngtkpg'f g' { cr ,mccm,t0'

Anahtar Kelimeler: "Gunk'O ,u,t.3: 0J cpgf cp.'Cnj gpcvyp.'Cvypk' o g"

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#### ABSTRACT

Dgpk'Co tep.'c'vqy p'lp'y j cv'ku'pqy 'Egpteni'Gi { r v.'j cu'c'xgt { "ko r qtvcpv'r næg'lp'Cpekgpv'P gct'Gcuvgtp' f kr nqo ce { cpf 'Cpekgpv'Gi { r v'kcp'tgrki kqp0Ewpghqto 'rgwtu'hqwpf 'j gt g'tgxgnc' r gtlqf 'qh'f kr nqo ce { kp' yj g'36j "egpwt { "DE0Cpqj gt'ko r qtvcpeg'qh'v'j g'tgi kqp'ku'v'j cv'ky' cu'v'j g'pgy 'ecr ken'qh'Co gpj qvgr "KX." y j q'uctv'f "yj g'tgrki kqwu'tghqto "o qxgo gpv'lp'Gi { r v'0Vj ku'r j ctcqj "y ci gf "c'y ct'ci ckpu'v'j g'i qf u'qh' Cpekgpv'Gi { r v.'uj grxgf 'yj g'qr' "dgrkgh'cpf'kpxtqf weg'f 'c'pgy 'dgrkgh'u' ugo 'egpvgtg' qp'Cvyp0Vj g'o ckp' r wtr qug'qh'v'j ku'dgrkgh'u' ugo . 'hpqy p'cu' Cvyp. 'y cu'v'q'dtgcni'y g'kphwpeg'qh'Co qp'r' tkgu'lp'v'j g'eqwpt { 0' Co gpj qvgr "KX." yj g'ctej kgev'qh'v'j ku'dgrkgh'u' ugo . 'ej cpi gf "j ku'pco g'v'q' Cnj gp/cvyp0Vj g'r j ctcqj "cnuq"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

hqwpf gf "c"pgy "ecr kcn'ek\ "dwn'ceeqt f kpi "v"j g'vpgwu'qh'j g"Cvyp'hckj "gfi 0y kj "utwewtgu'uwej "cu" qr gp/ck'vgo r ngu'0Vj ku'ugwgo gpv'ku'hpqy p'cu'Cnj gvcvyp"o gcplki "J qtk qp'qh'Cvyp+l'p'Egptcn'Gi {r v" y j gtg'vj g'Co ctpe'Ngwgtu'y gtg'hqwpf 0Kpur ktgf "d\ "cm'j gug'f gxmnr o gpvu."uqo g'uej qrtu'j cxg'rcdgrf " Cnj gpcvyp"cu"ctghqto ku'nkpi . "j g'htu'nkpi "v"lpxtqf weg"vj g'dgrkgh"kp"qpg"i qf 0Qvj gtu."qp"vj g'qvj gt" j cpf."j cxg'ecmgf "j ko "c"j gtgve."o gcplki "c"j gtgvecn'kpi 0"

Kp"vj ku'dgrkgh'u'vgo . "cu"lp"vj g'Co qp/Tc"eww"vj g"uwp"ku'egpvtgf "qp"vj g"uwp."cpf "kp"vj g"uepgg"y j gtg" Cnj gpcvyp"cpf "j ku'y kg'P ghtvkk'ctgf gr levgf "y kj "vj gk'ej kf tgp."vj gtg'ku'vj g'Cvyp'uwp'f kum'cdqxg'vj go 0" J gtg."vj g'htg/i kxkpi "pcwtg'qh'Cvyp'ku'go r j cuk gf "y kj "vj g'cpnj "u{o dqn'cv'j g'gpf u'qh'j g'tc{ u'eqo kpi " htqo "vj g"uwp'0Y j kg"uej qrtu"y j q"j cxg"cpnc| gf "Cnj gpcvyp)u'dgrkgh'u'vgo "j cxg"ucvvgf "vj cv'k'y cu" o qpqvj gkue."uqo g" uej qrtu"j cxg" gxcnvcvgf "k"cu"j gpqvj gkue'0J gtg."j gpqvj gkue "go r j cuk gu"vj g" r tqo kpgpeg'qh'qpg"i qf "cpf "vj g'trgi cvkqp'qh'qvj gtu"v"vj g"dceni tqwpf 0K'ku'cuq"ucvvgf "kp"vj g'uqwtegu" vj cv'j g'nkpi "y cu'cuq'y qtuj kr r gf."vj cv'j g'rj cteqj "cpf "j ku'hco k\ "y qtuj kr r gf "Cvyp"cpf "vj cv'j g' "r m{ gf " cp'kpvgo gf kct{ "tqng'dgy ggp"vj g'r gqr ng"cpf "Cvyp'0K'ku'engct"vj cv'j g'dgrkgh"kp"Cvyp"ecwugf "c'tgri kquw" uj cng/wr "kp"Cpekgpv"Gi {r v'0Vj ku'y cu'cuq"tghgevgf "kp"r qrkkeu."cpf "Gi {r v'gZR gtlkpegf "r gtj cr u"vj g" y gcnguv"ko gu'qh'vj g'3: vj "F {pcuv'0F wg"v"vj g'tgri kquw'tghqto "kp"vj g"eqwpt{ ."kpvtpcn'r gceg"y cu" f kut wr vgf "cpf "uweeguuhw'eco r cki pu"eqwrf "pqv'dg"ecttkgf "qw'cu'dghqtg'0Qp"vj g'qvj gt"j cpf ."f wt kpi "vj g" ko r ngo gpwvqp'qh'j g"Cvyp'hckj . "vj g'ko ci gu'qh'qvj gt"i qf u'lp"vj g"eqwpt{ "y gtg'cuq'f co ci gf 0Y g'ecp" ej ctcevgtk g'vj ku'cu"ctgf gr kvkqp/dtgcnkpi "cev'0Chgt"Cnj gpcvyp)u'f gcvj ."uko krt "v"vj ku'dgj cxkqt"gzj kdkgf" d{ "vj g'dgrkxgtu'qh'Cvyp'y qwf "dg'f qpg"v"j ku'hco k\ "cpf "vj g'ko ci gu'qh'Cvyp'0"

**Keywords**<Cpekgpv"Gi {r v'3: vj "F {pcuv'. "Cnj gpcvyp. "Cvypk o g'0"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TÜRK DEVLETLER TEŞKİLATI ÜLKELERİ İÇİN İHRACAT-İTHALAT TEMELLİ MAKROEKONOMİK PERFORMANS ANALİZİ EXPORT-IMPORT BASED MACROECONOMIC PERFORMANCE ANALYSIS FOR THE COUNTRIES OF THE ORGANIZATION OF TURKIC STATES

Nazlı TEKMAN<sup>1</sup>

<sup>3</sup>Nge0Ft0'Quo cplk'g'Mqt mw'Cvc 'Wpkxgt ukf. 'Quo cplk'g'Xqec vkppcn'Uej qqn'Quo cplk'g.'Vwtngf'0'

<sup>3</sup>QTEK'KF <j wru<llqtekf Qti D222/2225/2848/64; 8"

Muhammed ORDU<sup>2</sup>"

<sup>4</sup>Cuuqe0Rt qI0Ft0'Quo cplk'g'Mqt mw'Cvc 'Wpkxgt ukf. 'Hcēwvf'qhl'Gpi kpggt kpi 'cpf'Pcwt cn'Uekgpeg.'"

F gr ct wo gpv'qhl'Kpf wat kn'Gpi kpggt kpi. 'Quo cplk'g.'Vwtngf'0'

<sup>4</sup>QTEK'KF <j wru<llqtekf Qti D222/2225/6986/; 59; "

#### ÖZET

VÄnif k'k'Mqpw cp"©mrgt"ctcu,pf c"ner uco n" k"dkrk k'k'vg xkn'gvo gni'co ce, {n"dk"ctc{c"i grgp"VÄnif Ämrgtklp" i ktk ko rgt'k'kg" VÄnif F gxrvgt" Vg nkrv,p,p" vgo grk'cv,m , vt0'F Äp{c" uk'cugvlpk" dk±qni' crp,pf c"i ÄÄpÄ'gnlp"dk" gnkf g"ctwto cn'kugf gp"VÄnifÄmrgtklp"o cntqgnppqo knir gtur gmklngp"f g" i Ärgpo grgt'k' i gtgnö gmgf kt0 MÄgugng gp" f Äp{cf c" kj tcecv' xg" kj crv." Ämrgtklp" vgo grl' gnppqo kni' hccrk'gvgt'kg" {3p" xgtk'ngp" Ämrgtklp" gnppqo kni' i Ärgtklp" xg" vqr nwo mt,p" tghcj " f Ä g{rgtkp"3pgo rk' f Ä g{f g'gnk'gvo gmgf kt0Dw±cn, o c."r etco gvkniqm c{cp"dk"nctct'xgto g"{cmc ,o,"qrcp'xgtk' cthco c" cpcrk'k' {3pgo kpk' mwrpctcn' VÄnif F gxrvgt" Vg nkrv," k±gtkukpf g" {gt" crp" dg " cukn' Ä{g" Ämrgtklp" \*C| gtde{ecp." Mc| cnkucp." Mti ,| kucp." " | dgnkucp" xg" VÄnif g+ kj tcecv' xg" kj crv" vgo grkpf g" o cntqgnppqo knir gthqto cpu,p,"cpcrk' gvo g{K'co c±co cmcf ,t0Dw'ner uco f c."F Äp{c" Dcpnēu ,p"4244" { ,npc'ck'xgtk'gt'k'mwrp,m , vt0' j tcecv'xg" kj crv'r etco gvtgrtk' k'f k'qrcteni c{tk'uchk' {wtv'k±k' cu,r'xg" vqr nwo "tg| gtx" r etco gvtgrtk' kug" ±,nv," qrcteni' mwrp,m , vt0'Dw' r etco gvtgrtklp" dk'dk'rgt'k'ctcu,pf cnk' nqtgru{qp" f g' grgtk" ; 8) cp"dÄ{ ÄmÄt0Cpcrk' lp"kn'ic co cu,pf c"Mc| cnkucp"xg" | dgnkucp"gnlp"Ä{g" Ämrgt"qrcteni'dgrtk'ngpo k vt0' npe'k'c co cf c" kug." uÄr gt" gnlp'kn' {3pgo k' mwrp,mrcteni' gnlp" qrcp" dw' Ämrgtklp'ngpf k'ctcrct,pf cnk'k' ,tcrco cu,"gur k'gf kro k vt04.; ; )wng'gnlp'kn'lnuqt'w'kg" | dgnkucp,)p'gp'gnlp" Ä{g" Ämrg" qrf w w' dgrtk'ngpo k vt0' Uqpw±" qrctem" f Äp{cf c" dÄ{ Ä{gp" dk" i Ä±" qm c" {qnrpf c" qrcp" VÄnif F gxrvgt" Vg nkrv,p,p" Ä{g" Ämrgtklp" o cntqgnppqo kni' i ÄÄpÄp" ctvo cu,pf c" gnlp" tqrl'q{pco cu," xg" gnppqo kni'hccrk'gvgt'kf q twf cp"gnk'g{gp" kj tcecv'xg" kj crv"3pgo "xgto guk'i gtgnk' k'cprc ,m cmcf ,t0' ©{g"Ämrgtklp'ngpf k'ctcrct,pf cnk'gnppqo knir gthqto cpu,p,p"ctvo cu,"co ce, {n"dk'dk'rgt'k'ctcu,pf cnk'kj crv" xg" kj tcecv'hccrk'gvgt'kg"qf cmcpo cu,"xg" { Ämgn'nevo c'f g' grtk'Ä{g'ko "hccrk'gvgt'kg" {q wprc ctenif k'gt" Ämrgtg'qrcp' kj tcecv'ct,p,"ctwto cu,"VÄnif gxrvgt" Vg nkrv,"Ä{g"Ämrgtklp'gnlp'kn'lnuqt'ct,p,p"3)g'g' kv' xg{c"dÄ{ Än'lm cu,p'c'lo m-p'xgt'gt'gnlp"Ä{g"Ämrg'ngpwo wpc"i grn' gukp'kuc n{cccnv,t0'

**Anahtar Kelimeler:** VÄnif gxrvgt" Vg nkrv." O cntqgnppqo kni' 3avgti grgt. ¥ qmMikgrtkMctct'Xgto g." Xgtk' cthco c"Cpcrk'k" j tcecv." vj crv0'

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#### ABSTRACT

Vj g'Qti cplk'cvkp"qh"Vwtne"Ucvgu'y cu'gucdrkuj gf "vj tqwi j "kpk'k'v'xgu"htqo "Vwtne"eqwpt'kgu'clo gf "cv" gpj cpekp'i "eqqr gtcvqp"co qpi "Vwtne/ur genkpi "pcv'qpu'Vg"dqquv"vj gk"lp'hwgpeg"lp"xctk'qu"ctgcu"qh" i mqdcn' r qrk'ku." vj gug" eqwpt'kgu" o wuv' cnuq" utgpi vj gp" vj gk" o cetqgeppqo le" hqwpf cvk'pu'0' k'p" cp" k'p'etgculpi n' "kp'vteqppgevgf"y qtrf ."gzi qt w'cpf "ko r qt w'ctg"etweln'ht"i wkf kpi "c"pcv'qpu'geppqo le" cev'k'kgu."uki p'htecp'v' "ko r cev'kpi "vj gk"geppqo le"utgpi vj "cpf"uqelgvn'y grhctg0Vj ku'uwf { "cpcn' ugu"vj g"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

o cetqgeppqo le'r gthqto cpeg'qh'hxg'hwn'o go dgt'eqwptkgu'kq0'C| gtdckcp."Mc| cnj ucp."M|ti { | ucp." W| dgnkucp."cpf "Vwtng{+}y kj kp"vj g"Qti cpk cvkp"qh"Vwtne"Ucvgu."hewulpi "qp"gzr qtv"cpf "lo r qtv" o gvtleu0K'go r m{u'vj g'f cv'gpxgnr o gpv'cpcn{uku'b gj qf."c'bpq/r ctco gtle'f gekukp/o cnkpi 'cr r tqcej ." wulpi "Y qtrf "Depnif cv'htqo "42440K'vj ku'cpcn{uku."gzr qtv'cpf "lo r qtv'ctg'wugf "cu'kpr wu."y j gtgcu'i tquu" f qo guke'f tqf wev'cpf "qvcnftgugtxgu'ctg'eqpukf gtgf "cu'qwr wu0Vj g'eqttgrcvkpu'dgwy ggp'vj gug'f ctco gvtu" ctg'j ki j gt'vj cp"; 8' 0K'vj g'htuv'uci g'qh'vj g'cpcn{uku."Mc| cnj ucp"cpf "W| dgnkucp"go gti gf "cu'vj g'o quv" ghlekpv" o go dgtu0' Vj g"ugeqpf "uci g" kpxqmgf " tpcnki " vj gug" ghlekpv" eqwptkgu" wulpi " vj g" uwr gt" ghlekpe{ 'o gj qf ."tgxgcnki "W| dgnkucp"cu'vj g'qr "r gthqto gt'y kj "cp"ghlekpe{ "ueqtg'qh'4Q ; 0Qxgtcm" vj g'kpf kpi u'kpf kecv'vj cv'vj g"Qti cpk cvkp"qh"Vwtne"Ucvgu"ku'r qukkppgf "vq'dgeqo g'c'uki pkkecpv'i mdcn' r r{gt" cpf "uj qwf "cevxgn" y qtn'vq" gpj cpeg" vj g"o cetqgeppqo le"r qy gt"qh"ku"o go dgt'eqwptkgu' Go r j cuk kpi "gzr qtu'cpf "lo r qtu."y j lej "ctg'f kgevn' "kpnf "vq"geppqo le'cevxkkgu."ku'xkcn0Vq"lo r tqxg" geppqo le'r gthqto cpeg."o go dgt'eqwptkgu'uj qwf "hewu'qp"b wwnrko r qtv'cpf "gzr qtv'cevxkkgu'cpf "lwtkg" vq'kpetgcug"gzr qtu'vq"qyj gt'pcvqpu'd{ 'r tkqtkk kpi 'j ki j "xcnwg/cf f gf "r tqf wev'kp0Vj ku'lwtcvgi { 'y knj gr" o go dgt"ucvgu"cej kxg"cp" ghlekpe{ "ueqtg"gs wcn'qt"i tgcvt"vj cp"3." guvdrkuj kpi "vj go "cu"ghgevxg" eqpvtkdwqtu'y kj kp"vj g"qti cpk cvkp0

**Keywords:** "Vj g"Qti cpk cvkp"qh"Vwtne"Ucvgu."O cetqgeppqo le"Kpf kecvqtu."O wnk'Etkgtk" "F gekukp" O cnkpi ."F cv'Gpxgnr o gpv'cpcn{uku."Gzr qtv."K0 r qtu0'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### BİRLİK Mİ AYRILIK MI? TÜRK DEVLETLER TEŞKİLATININ MAKROEKONOMİK GÜCÜ

#### UNITY OR SEPARATION? MACROECONOMIC POWER OF THE ORGANIZATION OF TURKIC STATES

Muhammed ORDU<sup>1</sup>

<sup>3</sup>Cuuqe0Rt qh0F t0"Quo cpk g'Mqt mw'Cvc 'Wpkxgt ukş. 'Hcewmş 'qhlGpi kpggt kpi 'cpf 'Pc wnt cñUekgpeg. 'F gr ct w gpv'qhl'kş wnt kcñGpi kpggt kpi. 'Quo cpk g.'Vwt ngş0'

<sup>3</sup>QTEK 'KF <j wru<llqteş Qti D222/2225/6986/; 59; "

Nazlı TEKMAN<sup>2</sup>"

<sup>4</sup>Nge0F t0"Quo cpk g'Mqt mw'Cvc 'Wpkxgt ukş. 'Quo cpk g'XqecşkpçñUej qqñ'Quo cpk g.'Vwt ngş0'

<sup>4</sup>QTEK 'KF <j wru<llqteş Qti D222/2225/2848/64; 8"

#### ÖZET

Uqx{gvgt "Dktrik kşlp"fc ,m cu,{rc"dc ,o u,| n ,p,"krcp"gf gp "VÄmif gxrıvıgtk"dk "Quo cpñ "denkş guk"qrçp "VÄnkş g'Ewo j wtkş gkşf gxrıvıkg'krk nk'mwto c{c'dc mco , rtf ,0Dw'krk nk'f ,mct'i g±km±g'j gt'cncpf c'twtcñi i grk o k 'xg'VÄmıgt. 'dÄ{ Ämıdk'eq tchş cf c'btvçp'dk'i Ä±krş'vçtkj 'ucj pgulşf g'f gt'kp{k' gpkş gp'çm c{c'f gxcö "go k rgt f k0Qtvcñi c{f c'f c'dww çp'dk±qmıf gxrıvıhçtm, 'hçtm, 'vg nkrcvçpo c{c'i ko k rgt "kngp"VÄmıgt'kp" f g'f Äp{c"ukş çugşpşf g'f çj c"i Ä±Ä"qm cñt, "j gt" | co çpnkşf gp" f çj c"±qm'i gt gmkñj çnkş'çm , vçt0'Dw' ner uco f c. "VÄmıF kMqpw çp"çmıgıgt "çtcu, pf c"ner uco n "k "dktrik kşlp"vg xknı'gvo gñıco çc, {rc"dk"çtc{c" i gıgp"VÄmıÄmıgıgtk "VÄmıF kMqpw çp"çmıgıgt " "Dktrik kMqpw{ kşpkhıto w rct 'xg'i ÄpÄo Ä f g'lug'dktriknı "VÄmı F gxrıvıgt " Vg nkrcv,çpc" f ¾pÄ o Ä vÄ0' VÄmı f gxrıvıgt'kpşp" dÄ{ Ämı dk" dktriknı mwto cu,p,p" f Äp{c" ukş çugşpşf gñk'o gxew'gnıppqo knıi ÄeÄpÄp"çpcıkkı "gf kro guk'xg'dw'f q twwf c'j çrc"ç{t,nıo , "{qmç"dktriknı qm cñıo , "uqtuwçp"dkıto ugn'dk"egxçr "Ä gıkrö guk'dk"ıj vç{c±j çnkşp"i gmo k vçt0'Dw±çñ , o c."±qmıntıkgıtrik" nçtçt "xgto g" {çmç , o rct, "krş"VÄmıDktrik kşlp"o çntqgnıppqo knıi ÄeÄpÄ"çpcıkkı "gvo g{k'co ç±çco çmçf , t0' Dw' ner uco f c. "vgo gñı' o qf gñı'krş" I 42" Ämıgıgtk "çCD" j çtkç±" kşpşf g" VÄnkş gşlp" o çntqgnıppqo knıi ÄeÄ" dgıkrıgıpo k. "dkıpekkı"ugçtç{ q" f c" VÄmıF gxrıvıgt "Vg nkrcv,çp,p" çuknı Ä{ gıgt'kpşf gp" qnw çp" dktrik kşp. "knıpekkı" ugçtç{ qf c'lug'çukııxg'i ¾ıgo ekÄ{ g"Ämıgıgtf gp"MMVE" j çtkç±"qnw çp"dktrik kşp" o çntqgnıppqo knıi gthçto çpu" çpcıkkı k' {çr ,m , vçt0I c{t'k'uch'k' {wtvçk'j cu,m. "vçr nwo "t'gı gtx. "k i ÄeÄ"xg"ıj tçccvçp"ıj çrcv, "nçt , mco c"qtçp, " Ämıgıgt'kp" o çntqgnıppqo knıi ÄeÄpÄp" f g gırgıpf k kro gukşf g'htıkgıgt "qırcçñıhıwırcp,m , vçt0" pçgıkrıng. 'htıkgıgtıgt" ETKİKE "Etkıgtk' k' r qıvçpeg" Vj tqvı j "ıpvçtetıkgıtk' Eqtt gırvçqp" / "Mıkgıgt" pgo k'ı qnwı n' Mıkgıgtıgt "Çtcu, " Mıgtırcu{ qp"ı { ¾ıvgö kkrş'ç , tıncıpf , t,m , " f çj c'ıqıptç "Ämıgıgt'kp" f gthçto çpuçtç, 'GF CU" Gxçnçvçkp "dcugf " qp" F kucçpeg" hıçqo "Cıxçtçı g" Uqınwçqp" / "Qtvcırcö c" ¾ı Äo "Wı çmı , pc" I ¾ı g' F g gırgıpf k to g"ı { ¾ıvgö kkrş" u, tçrcpo , vçt0Vgo gñıo qf gıf g. "VÄnkş g'390ı, tçf c" { gt "çntngıp" dkıpekkı" ugçtç{ qf c" VÄmıF gxrıvıgt "Vg nkrcv, " 340ı, tçf c' xg' knıpekkı" ugçtç{ q" f c' lug' 320ı, tçf c" { gt "çm çmçf , t0VÄmıdktrik k' dc v' Dktrıg knıMıçm, m' Mçpcf c. " Hıçpuc. " vçñ c' xg" I Äpşf " Mıgtıg" i kdkı Ä±Ä" gnıppqo kş g' ucj kr "Ämıgıgtıg" i ¾ı g' f çj c' dÄ{ Ämıdk "gnıppqo knıi Ä±" j çnkşp" i gmo gımgıf k0Dw±çñ , o c. "VÄmıF gxrıvıgt "Vg nkrcv, p, p" dc v' gnıppqo k' qm cñıÄı gt g' dk±qmıçrcpf c" i Ä±Ä" xg" o Ä gıhgıj " dk" vçr nwo " kp c" gvo g" xg" uÄf Ä Ärgdkıkkı " dk" gnıppqo knıi Ä±" qm c" { qnwşf c" VÄmı" o kırgıvıgt'kpşp" dk "htucvıwıpf w vpw'qtvc {c" nıı {o çmçf , t0'

Anahtar Kelimeler: VÄmıF gxrıvıgt "Vg nkrcv, " O çntqgnıppqo knıi ¾ıvçtı gıgt. ¾ı qmıMıkgıtrikMçtçt "Xgto g" ETKİKE. "GF CU"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

Vj g"Vwtmkuj "ucvgu"vj cv"i ckgf "kpf gr gpf gpeg"hmjy kpi "vj g"Uqxlkv"Vpkqp"u"eqnrcr ug"dgi cp"hqvgtkpi " tgrvkkpuy kr u"y kj "Vwtng{."vj g"tgo pcpw"qh"vj g"Qwqo cp"Go r ktgO'Qxgt "ko g."vj gug"eqppgevkpu"j cxg" utgpi vj gpgf "cetquu'xctkquw'f qo cku."cmjy kpi "Vwtm'vq"cuugt'vj go ugrkgu'j kvqtkecm' "qxtg"c'xcuvtgi kppO' Cu'o cp{ 'pcvkpu'y kj "uj ctgf 'kpvgtguu'j cxg'tgutvewwtg. 'kv'j cu'dgeqo g'kpetgculpi n' 'etwelnhqt "Vwtm'vq" i clp'kphwgep'k'p'i mdcnr' qrkku0Vq'r tqo qvg"gzvpu'xg"eqqr gtcvkqp"co qpi "Vwtmkuj /ur genkpi "eqwptkgu." vj gug"pcvkpu"guvdrkuj gf "vj g"Eqqr gtcvkqp"Eqwpk'qh"Vwtmk/ur genkpi "Ucvgu."y j lej "j cu'pqy "gxqk'gf " kpv"vj g"Qti cpk'vkqp"qh"Vwtmk"UcvguO'K'ku"guugpvkcr'vq"gxcm'cvg"vj g"ewttgpv"geqpqo le"r qy gt"qh"vj g" Vwtmkuj "ucvgu"kp"vj g"eqpvz'v'qh'i mdcnr' qrkku'cpf "vq"cf f tguu'y j gvj gt"vj g{"ctg'uvn'ugr ctcv'gf "qt'w'pk'gf O' Vj ku"uwf {" "uggm" vq"cuugu" vj g"o cetqgeqpqo le"utgpi vj "qh" vj g" Vwtmkuj "Vpkqp" wukpi "o wmk'etkgtk" f gekukp/o cnpki "o gvj qf uO'k'k'cm'."vj g"o cetqgeqpqo le"r qy gt"qh"Vwtng{"y kj kp"vj g'I 42"\*gzemf kpi "vj g" GW+y cu'cuugu'gf "wukpi "c'dcugrkpg'o qf gr0Vj g'cpcn'uku'kpenm'gf "vj g"o cetqgeqpqo le"r gthqto cpeg'qh"vj g" hwn'o go dgtu"qh"vj g"Qti cpk'vkqp"qh"Vwtmk"Ucvgu"kp"vj g"htuv'uegpctkq."cpf "dqj "hwn'cpf "qdugtxgt" o go dgt"eqwptkgu" \*gzemf kpi "Vwtmkuj "Tgr wrle" qh" P qtvj gtp" E {r twu" kpi "vj g" ugeqpf "uegpctkqO' Mg{ " kpf kecvtu'wvej "cu"i tquu'f qo guke"r tqf vev."vq'cn't'gugtxgu."rdqwt"hteg."cpf "vj g"gzr qtv'vq/ko r qtv'tcvkq" y gtg'wkrk' gf "vq'gxcn'cvg"vj g"o cetqgeqpqo le"r qy gt"qh"vj gug'eqwptkgu0Vj g'ETK/KE "Etkgtk"K6 r qtv'peg" Vj tqw'j "kpvgtetkgtk"Eqttrvkqp+"o gvj qf "y cu" wugf "vq"y gli j v'vj g"etkgtk."hmjy gf "d{ "vj g"GF CU' \*Gxcn'cvkqp"dcugf "qp" F kv'peg"htqo "Cxgtci g"Uqnw'kqp+"o gvj qf "vq"t'cpn'vj g"eqwptkgu)r gthqto cpeguO' Vwtng{"y cu'r qukkp'gf "39vj "kp"vj g"dcugrkpg'o qf gn'y j kv'vj g"Qti cpk'vkqp"qh"Vwtmk"Ucvgu'r megf "34vj " kp"vj g'htuv'uegpctkq'cpf "32vj "kp"vj g'ugeqpf "uegpctkq0Vj g"Vwtmkuj "Vpkqp"ku'go gti kpi "cu'c'b' qtg'uki p'k'ecpv" geqpqo le"hteg"eqo r ctgf "vq"utqpi "geqpqo kgu'rkng"vj g"Vpk'gf "Mkpi f qo ."Ecpfc."Ht'cpeg."Kcn'."cpf " Uqwj "Mqtgc0Vj ku'uwf {" "uj qy u'vj cv'vj g"Qti cpk'vkqp"qh"Vwtmk"Ucvgu'r t'gugpv'cp"qr r qtw'pk'{"ht' "Vwtmk" pcvkpu'vq" f g'xgmr "c'tqdwu'cpf "vj tkk'kpi "uqek'v' "cetquu'xctkquw'ugevtu."r ct'kewrtn' "kp"vj g"geqpqo {"."cpf " vq"go gti g"cu'c'lw'w'k'p'cdrg"geqpqo le"htegO'

**Keywords:** "Vj g"Qti cpk'vkqp"qh"Vwtmk"Ucvgu."O cetqgeqpqo le"Kpf kecvtu."O wmk'Etkgtk" F gekukp" O cnpki ."ETK/KE."GF CUO

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#### DİJİTAL E-BEVEYNLİK ÇOCUKLARIN TEKNOLOJİ KULLANIMLARINI ETKİLİYOR MU?: YARI DENEYSEL BİR ARAŞTIRMA DOES DIGITAL E-PARENTING AFFECT CHILDREN'S TECHNOLOGY USE?: A QUASI-EXPERIMENTAL STUDY

Mümin SAVAŞ<sup>1</sup>

<sup>3</sup>Ct 01 3/40F t0'Cf, {co cp'©pkxgt ukxguk'Uc nmiDkko rgt k'Hcn'Änguk '2222/2223/; 462/9: 55"

Kübra Nur BAYRAM<sup>2</sup>

<sup>4</sup>J go 0" t0'Cf, {co cp'©pkxgt ukxguk'Uc nmiDkko rgt k'Hcn'Änguk '222; /2227/4887/7379"

Zeliha ŞAHİN<sup>3</sup>

<sup>5</sup>J go 0'I c/kcpvgr " n'O knk'G kko "O Äf Ät Ä Ä '222; /222: /; : 94/566: "

#### GİRİŞ ve AMAÇ:"

I Äp Ä Ä "f Äp {cu, pf c" vgnpqmlk'i kf gtgnl {c {i, prc o c {c"dc nco , vt0'Cppg." dcdc" xg" ±qewnl'f go gf gp" j go gp" j gtngukp'gnkpf g'xg'gxp'f g'egr "vgrghpw" vcdrgv." dki kuc {ct "i kdk'vgnpqmlk'ncrgvgt "dwnpwt "f wto c" i gmo k vt0'Vgnpqmlk'j c {cv, o , | , p"dk "r ct ±cu, "qno cmcp" ±qnlj c {cv, o , | , p"ngpf kuk'qno w wt " {cpk'vgnpqmlk' dc , o nñ , "qno w w wt0'Vgnpqmlk'dc , o nñ , "3/4 grkmg'qmwl'±c , "±qewmct, pf c'uc nmiuqtwpct, pc'pgf gp" qrdkno gmgf k0' ¥ qewmct, p" g kko kpf g' ckrngt'lp" 3/4go rk' i 3/4gx" xg" uqtwo nwnmct, "dwnpo cmcf, t0' Gdgxg {prgt'lp" ±qewmct, pc'net , "uqtwo nwnmct, pf cp'dk'kuk'j c {cwc'net , n cdkgegnl'±g knk'tkumgt'net , " nqtwo crct, f, t0'Gdgxg {prgt'lp" ±qewmct, p, "f klcni'f Äp {cf cp" nqtwo crct, "k±p" dw'nqpw'f c" {gnk'p" qno crct, " i gtgnö gmgf k0'Dw' nqpw' n "ki knk'qrcteni'f klcni'gdgxg {prkni'nextco , "qtvc {c ±no , vt0'Dw'ctc vto cf c" gdgxg {prgt'lp'vgnpqmlk'lpk' | ctctnct, 'xg' ±qewmct, p, 'vgnpqmlk'lpk' | ctctnct, pf cp'pcu, nhqt w' cecmct, pc'krk nkp" g kko rgt "xgt'kgt'gmldk'kp ±k'gdgxg {prgt. "dk'kp ±k' ±qewmct, p" {gk o guk'co c ±rcpo cmcf, t0'

**Gereç ve Yöntem:** "Cte vto c" {ct, "f gpg {ugnl' dkt " ±cn o c" qrcteni'vcutrcpo , vt0'Cte vto cf c" kni'3/4peg" ckrngt'lp" ±qewmct, p, p'vgnpqmlk'dc , o nñ , 'j cmmpf cnk'3/4p "dki kgt'kp'k'dgnk'rgo gmlk'lp'3/4p'vguw' {cr, m , vt0' F gpg { "i twdwp'f c" dwnpcp" 3/4 tgp'ek' ckrngt'lp'g' rkgctv'Äg" f c {cpf, t, rcten'j c | , tncp'p" g kko "xg'tko k vt0' Mqpvtn'i twdwp'c" kug" j gtj cpi k'dk" g kko "xg'tko go k vt0'Cte vto cp, p"Cf, {co cp'kn'o gtnyl kpf g'g kko " xgt'gp" qtvcqmct" ctcu, pf cp' dcuk' tcvu grg" {3/4pgo "kr" ug ±krp" knk' qtvcqmwf c" {cr, m , vt0' Qmwnct, p" ug ±ko kpf g' dcuk' tcvu grg" {3/4pgo "nwnp, m , vt0' mlu'ug ±krp" qmwl'f gpg { "i twdwl'knk'p'ek'ug ±krp" qmwl' nqpvtn'i i twdwpw'qno wto w wt0' ¥ cn o cp, p'gxt'gpk=Cf, {co cp'kn'o gtnyl kpf g' dwnpcp' knk'qtvcqmwl'qno wto w wt0' Xgt'kgt' "uq {q/f go qi tchkn'dki k'hqto w " ¥ qewmct" ±p "Rtqdrgo rk' Vgnpqmlk' Mwnp, o , " n±g k' ¥ RVM " ±" xg' F klcni'Gdgxg {prkni' Hctmpf cn" n±g k' F GH " ±kr" vqr ncpo , vt0' F gpg { "i twdwp'f c" dwnpcp" 3/4 tgp'ek' ckrngt'lp'g' hkgctv'Äg" f c {cpf, t, rcten'j c | , tncp'p" g kko "xg'tko k vt0' Mqpvtn'i twdwp'c" kug" j gtj cpi kdk' g kko " xg'tko go k vt0' G kko rgt "dk'vknmgp" knk' c { "uqptc' ckrngt'lp" vgnpqmlk'dc , o nñ , "kr" ki knk'f wto rct, "vntct" f g gtnp'f ktko k vt0' Xgt'kgt'lp" f g gtnp'f ktko guk' URUU'3802 "r tqi tco , "kr" {cr, m , vt0' " tgp'ek'rg' "ki knk' vcp, o n±c, " dki kgt " k±p" f c nno " \* { Ä f g+ " xg" uc { , ucn' dki kgt " k±p" vcp, o n±c, "e, " kuc'vknmg' " \*qtvcro c. " o cmuko wo . 'o kpo wo ± "Mk'netg" xg' r cktgf "v'vgnk'mwnp, m , vt0'

**Bulgular:** " p" vguvgtf g'f gpg { "i twdwl' k±p" ±qewmct" k±p" r tqdrgo rk' vgnpqmlk' mwnp, o , " 3/4n±g k' r wcp" qtvcro cu, "980 7'Ö49089. "nqpvtn'i twdwl' k±p" 85062'Ö3; 0 9" qrcteni'dwnp w wt0' Uqp' vguvgtf g' kug' f gpg { "i twdwl' k±p" ±qewmct" k±p" r tqdrgo rk' vgnpqmlk' mwnp, o , " 3/4n±g k' r wcp" qtvcro cu, "87022'Ö3; 072. "nqpvtn'i i twdwl' k±p" 88067'Ö4502; "qrcteni'vur k'gf kno k vt0' F gpg { "i twdwp'f c" nk' 3/4 tgp'ek'rg'lp" ±qewmct, p" r tqdrgo rk' vgnpqmlk' mwnp, o , " 3/4n±g k' r wcp, pf c "kuc'vknmg' n'qrcteni'c' cm c" qnf w w'ucr vcpo , vt " \*r >2027+0Qmo uw " cn' dq { wwpw'f gpg { "i twdwp'f cnk' r wcp" qtvcro crct, " ctcu, pf cnk' hctni' kuc'vknmg' n'qrcteni' cpno n " qno " 3/4 tgp'ek'rg'lp" f klcni'gdgxg {prkni' hctmpf cn , p, p" " Äng'f k' k'vur k'gf kno k vt " \*r >2027+0Xg'tko rk' mwnp, o " cn"

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dq { wwpw "f gpg { "i twdw"uqp"vuv"r wcp,p,p"nupvtqn'i twdwp"i 3/4g" { Ānugn'qrf w w'xg"kuvcvukmign'qntcni cprco n'htmqrf w w'ucr wcpo , vt "r >2027-0

**Sonuç ve Öneriler:** F gpg { "i twdwpf cnk'gdgxg { prgtg'xgtkrgp" g kko rgt "uqptcu,pf c"±qewmct,p"r tqdrgo rk' vgnpqmll'nmmp,o ,pf c"cl cm c"qm w wt0'Gdggxg { prgtk" f gpg { ugn'g kko rgt "uqptcu,pf c" f gpg { "i twdwpf c" f kkcni'gdgxg { prkn' htmppf cn , " Ānugn k vt0' C { t,ec"gdgxg { prgtk" g kko " cm crct, " xgtko rk' nmmp,o " qtcprct,p,p" f gpg { "i twdwpf c" nupvtqn'i twdwp"i 3/4g"ctw cu,p,"uc rco , vt0'F kkcni'gdgxg { prkn'g kko klp" 3/4 tgpelgtk" vgnpqmll'nmmp,o , "nupwupf c"3/4pgo rk'gmkrgtklp" qrf w w'qtvc { c"±no , vt0'Gdggxg { prgtg" f kkcni'gdgxg { prkn' kg" ki k'k' xgtkregm' g kko rgt "3/4 tgpelgtk" vgnpqmll' dc ,o n,n ,p,p" c| cmw,cu,pf c" 3/4pgo rk'ncwmt,"qrec , f Ā Āp Āo gmgf kt0"

**Anahtar Kelimeler:** F kkcni'gdgxg { prkn'vgnpqmll'nmmp,o ,.3/4 tpek0"

#### ABSTRACT

**Introduction and Purpose:** "k"vqf c { u'y qtrf . 'vej pqm { "j cu'dgeqo g'kpetgcukpi n' y kf gur tgc f 0Cm quv' gxgt { qpg.'tgi ctf nguu'qh'y j gj gt "y g { "ctg'o qv gtu.'hvj gtu'qt'ej kf tgp.'j cu'vej pqm kcnif gxlegu'uwej "cu" o qdkng'rj qpgu.'vdrwu'cpf "eqo r wgtu'lp"vj gk"j cpf u'cpf "j qo gu0'Vej pqm { "j cu'dgeqo g" c'r ctv'qh'qwt" rixgu'tcvj gt "y cp" c'r ctv'qh'qwt" rixgu."k"qvj gt "y qtrf u."vej pqm { "cf f levkq" j cu'qewttgf 0'Vej pqm { " cf f levkq" ecp'ecwug"j gcnj "r tqdrgo u."gur gekm { "k"uej qqn'ci g'ej kf tgp0'hc0 kkgu"j cxg'ko r qtvc'p'f wkgu" cpf "tgr qpukdkkkgu"lp"vj g'gf wecvkq"qh'ej kf tgp0'Qpg"qh'vj g'tgr qpukdkkkgu"qh'r ctgpw"vy ctf u'vj gk" ej kf tgp"ku"v"r tqvev'vj go "ci ckpu'xctkqu'tkumu"vj cv'o c { "dg" gpeqwpvgtgf "k" rkg0'k" qtf gt'ht"r ctgpw"vq" r tqvev'vj gk"ej kf tgp"htqo "vj g'f ki kcn'y qtrf . "y g { "pggf "v"dg"eqo r gv'p'lp"vj ku'tgi ctf 0'Vj g'eqpegr v'qh" f ki kcn'r ctgpvpi "j cu'go gti gf "k"tgrv'kq"v"vj ku'uwldge'0'k"vj ku'tgugctej . "k'ku'cko gf "v"tckug'eqpuekqu" r ctgpw'cpf "eqpuekqu"ej kf tgp"d { "r tqxkf kpi "vtckkpi "v"r ctgpw'qp"vj g"j cto u'qh'vej pqm { "cpf "j qy "v" r tqvev'vj gk"ej kf tgp"htqo "vj g"j cto u'qh'vej pqm { 0'

**Materials and Methods:** "Vj g'tgugctej "y cu'f guki pgf "cu" c"s wcu'g'zr g'ko gpvni'uwf { 0'k"vj g'tgugctej . "c" r tg'vuv" y cu' htu" eqpf wevgf " v" f gyto kp" vj g" r tkqt" npqy rfi g" qh' hco kkgu" cdqw" vj gk" ej kf tgp"u" vej pqm { "cf f levkq0'Vj g' hco kkgu"qh'uwwf gpw'lp"vj g'zr g'ko gpvni' tqr "tgegxgf "gf wecvkq"dcugf "qp" rkgtcwtg0'Vj g'eqpvtqni tqr "y cu'pqvi kxgp"cp { "gf wecvkq0'Vj g'tgugctej "y cu'eqpf wevgf "k"vj y "lgeqpf ct { " uej qqn'ugrgevgf "d { "uko r ng'tcpf qo "o gj qf "co qpi "vj g'lgeqpf ct { "uej qqn'r tqxkf kpi "gf wecvkq"lp"vj g'ek" " egpvt"qh'Cf , { co cp0'Vj g'uko r ng'tcpf qo "o gj qf "y cu'wugf "k"vj g'ugrge'vq"qh'vj g'uej qqn0'Vj g'htu' ugrgevgf "uej qqn'eqpukwwgf "vj g'zr g'ko gpvni' tqr "cpf "vj g'lgeqpf "ugrgevgf "uej qqn'eqpukwwgf "vj g'eqpvtqni i tqr 0'Vj g'wpxgtug"qh'vj g'uwf { "eqpukgf "qh'y q"ugeqpf ct { "uej qqn'lp"vj g'ek" "egpvt"qh'Cf , { co cp0' F cv"y g'tg'eqmgevgf "y kj "vj g'uqekq/f go qi tcr j le'kphqto cvkq"htqo . "Rtqdrgo cve"Vvej pqm { "Wug"Uecrg" htq"l qwpi "Ej kf tgp"RVWU [ E+cpf "F gxgnr o gpv'qh'F ki kcn'Rctgpvni'Cy ctgpvni'Uecrg" F F RC U+0'Vj g' hco kkgu"qh'uwwf gpw'lp"vj g'zr g'ko gpvni' tqr "tgegxgf "gf wecvkq"dcugf "qp" rkgtcwtg0'Vj g'eqpvtqni tqr " y cu'pqvi kxgp"cp { "gf wecvkq0'Vj g'ucwu'qh'vj g' hco kkgu'tgi ctf kpi "vej pqm { "cf f levkq"y cu'tg/gxcn'wvgf " vy q'o qpj u'chtg"vj g'gf wecvkq"y cu'eqo r ngv'f 0'Vj g'f cv"y g'tg'gxcn'wvgf "wukpi "vj g'URUU'380"r tqi tco 0' Hqt" f guetk v'xg"lphqto cvkq"cdqw'uwf gpw." f kntkdwkq"r gtegpvc i g+cpf "htq"pwo g'lecn'lphqto cvkq." f guetk v'xg'ucv'ku'u"o gcp."o czko wo ."o loko wo +."Ej k'us wctg"cpf "r cktgf "v'vuv'y g'tg'wugf 0'

**Results:** "k"vj g'rtg/vuv."vj g'o gcp'ueqtg'qh'vj g'Rtqdrgo cve"Vvej pqm { "Wug"Uecrg"htq"l qwpi "Ej kf tgp" htq"vj g'zr g'ko gpvni' tqr "y cu'hqwpf "v"dg'980 7'0'4909."cpf "85062'0'3; 0 9'htq"vj g'eqpvtqni tqr 0'k" vj g'r quv'vuv."vj g'o gcp'ueqtg'qh'vj g'Rtqdrgo cve"Vvej pqm { "Wug"Uecrg"htq"l qwpi "Ej kf tgp"htq"vj g'zr g'ko gpvni' tqr "y cu'hqwpf "v"dg'87022'0'3; 0/2."cpf "88067'0'450; "htq"vj g'eqpvtqni tqr 0'k'y cu'hqwpf" vj cv'vj g'tg"y cu'c"ucv'kucm' "uki pl'k'ecp'v'f getgcug"lp"vj g'ej kf tgp"u'r tqdrgo cve"vug"qh'vej pqm { "uecrg" ueqtgu'qh'vj g'uwf gpw'lp"vj g'zr g'ko gpvni' tqr "r >2027-0'Vj g'f k'htg'p'peg"dgw ggp"vj g'o gcp'ueqtgu'qh' vj g'pgi cv'xg'uw'd/f ko gpukq"lp"vj g'zr g'ko gpvni' tqr "y cu'ucv'kucm' "uki pl'k'ecp'v'cpf "k'y cu'hqwpf "vj cv' vj g'uwf gpw'f ki kcn'r ctgpvpi "cy ctgpvni'kpetgcugf "r >2027-0'k'y cu'hqwpf "vj cv'vj g'r quv'vuv'ueqtg'qh'vj g"

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rtqf wekxg"uug"uwd/fko gpukqp"qh"vj g"gzr gtlo gpvni tqwr "y cu"j ki j gt"vj cp"vj g"eqvtqni tqwr ."cpf "vj gtg" y cu"cu"ucvkuwecmf "uki pkecpvf hgtgpeg"r >2027-0

**Conclusion and Recommendations:** "Chgt"vj g"vtcklpi "i kxgp"vq"vj g"r ctgpw"lp"vj g"gzr gtlo gpvni tqwr ." vj gtg"y cu"cu" f getgcug"lp"vj g"r tqdgo cvk"vej pqmi { "wug"qh"vj g"ej kf tgp0Chgt"vj g"gzr gtlo gpvni"vtcklpi ." vj g" f ki kcn'r ctgpvpi "cy ctgpguu"qh"vj g"r ctgpw"lpetgcugf "lp"vj g"gzr gtlo gpvni"i tqwr 0"kp"cf f kkkp."vj g" vtcklpi "qh"vj g"r ctgpw"lpetgcugf "vj g"ghelgpv"wuci g"tcvgu"lp"vj g"gzr gtlo gpvni"i tqwr "eqo r ctgf "vq"vj g" eqvtqni tqwr 0"ky cu"tgxgcrgf "vj cv"vj g" f ki kcn'r ctgpvpi "vtcklpi "j cf "uki pkecpv"ghgevu"qp"vj g"vej pqmi { " wug"qh"vj g"uwf gpw0"ku"vj qwi j v"vj cv"vj g"vtcklpi u"vq"dg"i kxgp"vq"vj g"r ctgpw"cdqw" f ki kcn'r ctgpvpi "y km" o cng"uki pkecpv"eqvtkdwlqpu"vq"tgf wvpi "vj g"vej pqmi { "cf f kvqp"qh"vj g"uwf gpw0

**Key Words:** "F ki kcn'r ctgpvpi ."wug"qh"vej pqmi { ."uwf gpv"

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#### 2024 KARAMAN İLİ FAAL GÜNEŞ ENERJİSİ SANTRAL HARİTASI İNCELEMESİ 2024 KARAMAN PROVINCE ACTIVE SOLAR POWER PLANT MAP REVIEW

Emel ECE<sup>1\*</sup>

<sup>3</sup> <Ft0" t0©{guk'Mctco cpq mw'O gj o gydgl'Wpkxgtukş.'Mco kl" |fc 'Hcewnş'qhl'Uekpeg."  
F grctwo gpv'qh'Rj {ukeu.'Mctco cp.'VÄtnkş gO

<sup>3</sup>QTEKF 'KF <j wru<llqteş Qti I2222/2224/7; 76/58.; ;"

Fatma Nur YILDIRIM<sup>2</sup>

<sup>4</sup> <Mctco cp.'VÄtnkş gO

<sup>4</sup>QTEKF 'KF <j wru<llqteş Qti I2222/2224/; ; 98/; 757"

#### ÖZET

Gpgtlk'kj vş ce,"xg'dw'lj vş ce,p" { 3/4pgvko k'4222rk' { ,mct,p" km'±g { tgnk kpkp" gp" 3/4pgo rk' mÄt gugn' uqt wprct, " qrf w w'c knetf ,t0Dw' uqt wprctc" vÄo " f Äp { cf c" qtvcn' dcl , " ± 3/4 Äo rgt " 3/4pgtkro gmgf kt0Dw' ± 3/4 Äo rgtkp" gp" 3/4pegrkmmk' ckelrpp" vgo k' 'xg'uÄf ÄtÄngdkrk' 'gpgtlk' k' r' q' r' c' n' e' r' t' , " Ät' gvo gmqno w wt0Dwf q twmwf c" vÄo " f Äp { c" Ängrgtk" ngpf k' { gtgn' f Ä gprgo grgtkp' { cr ctngp. " wmwrtctcu, " qtvcn' f Ä gprgo grgt" f g" { cr , m , , " xg" { cr , ni gm gmgf kt0 C { t , ec" Ängrgtkp" gnppqo kn' xg" vgnppqmlkn' cncprctf c" i grk o k rkn' ugkş grgtkp' dgrikrpgo gukf g'gpgtlk'kj vş ce,p,p'F, c'dc , o n' qno cf cp' het , rcpedkro guk'xg'lj teecv,p,p" { cr , redkro guk'kr' krk nkrppf k' kro gmgf kt0Dk' Ängp' h' e' m' p' o' cu, " gpgtlk' ugm' 3/4 Äpf gnk'dÄ' Äo g'kr' r' c' t' c' r' g' n' k' n' i' 3/4 vgt o' gmgf kt0 Mw mww' " vgo k' " xg" { gpkrgpgdkrk' " gpgtlk' u' 3/4 " nupwuw' qrf w w' p' f' c" i Äpg " gpgtlk' ukugo rgtk' km' c' m' c" i' g' r' p' vgnppqmlkrgt' ctcu, pf cf , t0F Äp { co , | , p' gp' dÄ' Äni' gpgtlk' h' c' { pc , , qm cu, " ugdgdş r' g' T Äpg k' p' " gpgtlk' h' c' { pc , " c' t' c' { , , p' f' c' " de tqnÄ' q { pco cu, " n' e' ± , p , m c' l f , 0' P k' g' n' k' o " uq' p' ± g { t' g' m' c' u , t' f' c' " dkro " f Äp { cu , p , p' dw' nupw' w' 3/4pegrkmmg { gtgn' i' Äpg " gpgtlk' uk' xg' ukugo rgtk' nupwrt , p' f' c' " uc { , u , | " ± cn , o' c' r' c' t' " { cr , f , , " i' 3/4 Äo gmgf kt0 VÄtnkş g' Gnxvqctcn' d' 3/4 i' g { g' { cmp. " qtvc' mw c' m' c' " nupwo r' p' o' cu, " ugdgdş r' g' { , n' d' q { w' i' Äpg " , , p , o , p , p' f' c' p' dqrec" h' c' { f' c' r' p' e' d' k' r' o' gmgf kt0 F qrc { , u , { r' c' " VÄtnkş g' p' k' p' " eq tch' nupwo w' i' Äpg " gpgtlk' ukugo rgtk' p' gp" o' cmko wo " h' c' { f' c' " uc r' p' o' cu , p' c' " q' r' e' p' n' i' uc r' e' { c' e' c' n' i' p' k' r' g' r' k' m' g' f' k' t' 0' P k' g' n' k' o " 4246" P kucp" c { , " k' k' d' c' t' k' r' g' ©mgo k' " 34883" O Y " m' w' w' w' i' Äe' Ä' k' r' g' " F Äp { c' i' gpgrk' p' g' i' Äpg " gpgtlk' uc' p' t' c' r' k' m' w' w' i' Äe' Ä' r' k' u' g' u' l' p' f' g' " km' 37" f' g' { g' t' cm , , v' t' 0' ± " C' p' c' f' q' n' w' d' 3/4 i' guk' i' Äpg " gpgtlk' ukugo rgtk' p' m' w' w' o' " x' g' " k' r' e' v' k' r' o' guk' p' f' g' " 3/4 p' g' o' r' k' d' k' t' { g' t' g' " uc' j' k' r' v' t' 0' D' w' ± cn , o' c' f' c' " ± " C' p' c' f' q' n' w' D' 3/4 i' guk' p' f' g' { g' t' c' r' p' " Mctco cp' " k' k' k' e' k' p' " i' Äpg " gpgtlk' ukugo rgtk' m' w' w' w' uc' p' t' c' n' g' " x' g' " v' q' r' r' o' " Ät' g' v' k' o' f' g' n' k' { g' r' g' r' k' k' r' g' " o' g' x' e' w' l' j' v' ş ce , p' p' g' t' guk' p' f' g' r' g' t' " u' q' t' w' r' t' , " k' f' g' r' p' o' k' v' t' 0'

Anahtar Kelimeler: Mctco cp' I GU. i Äpg "gpgtlkuk" { gpkrgpgdkrk' "gpgtlk0'

"

#### ABSTRACT

K'ku'qdxkqu'v'j cv'j g'pggf "hqt"gpgti { "cpf"v'j g'o cpci go gpv'qh'v'j ku'pggf "ctg"v'j g'o quv'ko r'qtvc'p'i m' d' c' n' r' t' q' d' r' g' o' u' q' h' v' j' g' h' t' u' s' v' c' t' v' g' t' " q' h' v' j' g' 4222u0Uqo g' eqo o' q' p' " u' q' n' w' k' q' p' u' " v' j' g' u' g' r' t' q' d' r' g' o' u' c' t' g' r' t' q' r' q' u' g' f' " c' m' i' q' x' g' t' " v' j' g' y' q' t' r' f' 0' V' j' g' " v' r' " r' t' k' t' k' v' " q' h' v' j' g' u' g' " u' q' n' w' k' q' p' u' " j' c' u' d' g' g' p' " v' q' w' t' i' g' p' v' i' " r' t' q' f' w' e' g' " e' r' g' c' p' " c' p' f' " u' w' u' c' k' p' c' d' r' g' " g' p' g' t' i' { " r' q' r' e' k' u' 0' k' p' " v' j' k' u' f' k' t' e' v' k' p' . " y' j' k' r' g' " c' m' i' e' q' w' p' t' k' u' " q' h' v' j' g' y' q' t' r' f' " o' c' n' g' " v' j' g' k' t' " q' y' p' " m' e' c' n' i' c' t' t' c' p' i' g' o' g' p' w' . " k' p' v' t' p' c' v' k' p' e' n' i' l' q' k' p' v' c' t' t' e' p' i' g' o' g' p' w' l' j' c' x' g' " d' g' g' p' " o' c' f' g' " c' p' f' " c' t' g' " d' g' k' p' i' " o' c' f' g' 0' k' p' " c' f' f' k' k' q' p' . " f' g' v' g' t' o' k' p' k' p' i' " v' j' g' " r' e' x' g' n' i' q' h' f' g' x' g' n' r' o' g' p' v' q' h' e' q' w' p' t' k' u' " k' p' " g' e' q' p' q' o' k' e' " c' p' f' " v' e' j' p' q' r' i' k' e' c' n' i' h' e' g' r' u' f' k' u' " c' u' u' q' e' k' e' v' g' f' " y' k' j' " o' g' g' v' k' p' i' " v' j' g' " g' p' g' t' i' { " p' g' g' f' u' y' k' j' q' w' d' g' k' p' i' " f' g' r' g' p' f' g' p' v' q' p' " h' a' t' g' k' i' p' " u' q' w' e' g' u' " c' p' f' " g' z' r' q' t' v' k' p' i' " v' j' g' o' 0' V' j' g' f' g' x' g' n' r' o' g' p' v' q' h' e' " e' q' w' p' t' { " k' u' " r' e' t' c' m' g' n' i' v' j' g' i' t' q' y' v' j' " k' p' " v' j' g' " g' p' g' t' i' { " u' g' e' v' q' t' 0' W' p' f' q' w' d' v' g' f' n' . " y' j' g' p' " k' v' e' q' o' g' u' " v' q' " e' r' g' c' p' " c' p' f' " t' g' p' g' y' c' d' r' g' " g' p' g' t' i' . " u' q' t' r' c' t' " g' p' g' t' i' { " u' { u' g' o' u' c' t' g' " c' o' q' p' i' " v' j' g' " h' t' u' s' " v' e' j' p' q' r' i' k' e' g' u' " v' j' c' v' e' q' o' g' " v' q' " o' k' p' f' 0' U' k' e' g' " k' v' k' u' " v' j' g' " r' e' c' t' i' g' u' v' g' p' g' t' i' { " u' q' w' e' g' u' " q' h' " q' w' t' " y' q' t' r' f' . " k' v' y' c' u' " k' p' g' x' k' e' c' d' r' g' " v' j' c' v' j' g' " U' w' p' " y' q' w' f' " r' r' e' { " c' " r' e' g' c' f' k' p' i' " t' q' n' g' " k' p' " v' j' g' " u' g' c' t' e' j' " h' a' t' " g' p' g' t' i' { " u' q' w' e' g' u' 0' C' u' c' " o' c' w' g' t' " q' h' l' h' e' v' " k' p' " v' j' g' " r' e' c' u' s' " v' c' t' v' g' t' " e' g' p' w' t' { " k' v' k' u' " u' g' g' p' " v' j' c' v' j' g' " u' e' k' p' w' h' e' " y' q' t' r' f' " j' c' u' r' t' k' t' k' k' g' f' "

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vj ku'kuwg."cpf'pwo gtqwu'uwf lgu'j cxg'dggp"ecttkgf "qw'qp"uqret'gppti { "cpf "u{ ugo u0F wg"vq "ku'rqecvqp" kp"vj g'o kf f ng"l qpg."emug"vq"vj g"gs wevktkn'tgi kqp."Vwtng{"ecp"dgpghk'ltqo "uqret'tcf kcvqp"vj tqwi j qw' vj g" { gct0'Vj gtghqtg."Vwtng{"u"i gqi tcr j lecn'rqecvqp"y kn'cmqy "o czko wo "dgpghk'ltqo "uqret"gppti { " u{ ugo u0'Cu"o cwtg"qh'hcev."cu'qh'Cr tki"4246."qwt"eqwpt { "j cu"dggp"kp"vj g"vqr "37"kp"vj g'rkuv'qh'uqret" r qy gt'r rcpvkpucmgf 'ecr cekf 'y qtrf y kf g'y kj "cp'kpucmgf 'ecr cekf 'qh'34883'O Y 0Vj g'EgptcniCpcvqrc" tgi kqp"j cu'cp'ko r qt vepv'r rneg'kp"vj g'kpucmvqp"cpf "qr gtcvqp'qh'uqret'gppti { "u{ ugo u0'kp"vj ku'uwf { ".vj g" s wgwkpqu'qh'uqret'gppti { "u{ ugo u"UGU+ "kpucmgf 'r qy gt'r rcpw'cpf "vj gkt'r rneg'kp"vqcn'r tqf wevqp"cpf " y j gtg"vj g{ "ctg"kp"vj g"ewttgpv'pggf "hqt"vj g'r tqxlpeg"qh'Mctco cp"kp"vj g'EgptcniCpcvqrc" T gi kqp"y gtg" gzco kpgf 0'

**Keywords:** Mctco cp'UGU.'Uqret'Rqy gt.'Tgpgy cdrg'Gppti { 0'

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#### ANALYZING THE PATTERN OF THE GLOBAL FINANCIAL CRISIS OF 2007-2008 AND ITS SEVERE IMPLICATIONS FOR ECONOMIC DEVELOPMENT: CAUSES AND CONSEQUENCES

*Ramona Birau*

*Wpkxgt ukf "qh'Et ckqxc."\$Gwi gpkw'Ect cf c\$F qevqt cn'Uej qnl'qh'Geppqo ke'Uekpegu.'Et ckqxc.'Tqo cplc."*

*Virgil Popescu*

*Wpkxgt ukf "qh'Et ckqxc.'Hcewnf "qh'Geppqo keu'cpf 'Dmukpguu'Cf o kpknt cvkap.'Et ckqxc.'Tqo cplc."*

#### ABSTRACT

Vj g'o clqt "clo "qh'yj ku'tgugetej 'r cr gt "ku'vq "kpxguvki cvg'yj g'r cwgt p"qh'yj g'i mdcn'hppeken'etkuku'qh'4229/422: "cpf "ku"ugxgtg"ko r n'ecvkapu"ht"geppqo ke"f gxrqr o gpv'dcuqf "qp"ecwugu"cpf "eqpugs wpegu"Vj g' i mdcn'hppeken'etkuku'ku'eqo r ctcdng'lp'vgtu u'qh'rti g/uecrng'pgi cvxg'gh'geu'y kj "c"vgtkdrng'etkuku'qh'yj g' r cu'npqy p"cu'yj g'I tgcv'F gr tguukap"htqo "yj g'r g'ktqf "3; 4; /3; 550Cu'c"eqpegr wcn'cr r tqej ."etkugu"ecp" dg"f g'kpgf "cu'ukwcvkapu"ej ctcevgtk gf "d{"c"r tqpqwpegf "kpuvcdkxk{."dglpi "ceeqr r cplgf "d{"c"i tqy kpi " xqr v'kxk{ "cpf "wpegtv'kpv'0'Dqyj "lp"yj g"ecug"qh'yj g'I tgcv'F gr tguukap"cpf "yj g"i mdcn'hppeken'etkuku'qh' 4229/422: ."yj g'y qtrf "geppqo {"j cu"gzr g'kpepegf "c"u{ vgo ke"hppeken'etkuku'y kj "r tqh'wpf "pgi cvxg" eqpugs wpegu'ht'geppqo ke'i tqy yj 0Vj wu."wpgo r m{ o gpv'j cu'tkugp."kphrcvkap"j cu'tkugp."o cp{"dwukpguugu" j cxg'i qpg'dcpntw v."uqem'o ctngv'u'j cxg'eqmcr ugf ."cpf "o cp{"o qtg'qvj gtu'0Qpg'qh'yj g'o clp'hcwv'gu'qh' i mdcn'geppqo ke"f gxrqr o gpv'j cu'dggp"yj g"tcr kf "kpvgt'pcv'kpcrk' cvkap"qh'r tqf wvkap."kpxguo gpv'cpf " hppeken'eqppge'vkapu."pco gn' "yj g'r tqegu'u' i mdcn'k' cvkap'0Vj gtg'ctg"o cp{"qr kpkapu'yj cv'dng'kxg'yj cv'yj g' i mdcn'hppeken'etkuku'j cu'ku"tqqu'lp"yj g'f tco cvk'hcml'lp"j qwug"r tlegu"lp"yj g"WU'qt"lp"yj g'hcml'qh'yj g' j qwukpi "mqp"o ctngv.'lg'yj g'uadr tlo g'etgf k'etkuku'lp"yj g'WUC'0Vj g'tqqv'ecwugu'qh'yj g'hppeken'etkuku'ctg" o qtg'f ggr."dglpi "i gpgtcv'gf "d{"dqyj "o cetqgeppqo ke"cpf "o letqgeppqo ke'hcwvtu'0

**Keywords:** "j kxqt {"gxgpw."i mdcn'hppeken'etkuku."yj g'I tgcv'F gr tguukap."i mdcn'k' cvkap."wpgo r m{ o gpv." kphrcvkap"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SUMAK SUYUNUN SPORCULARDA FİZİKSEL PERFORMANS ÜZERİNDEKİ POTANSİYEL ETKİLERİ: ANTİOKSİDAN KAPASİTESİ VE DAYANIKLILIKTA YENİ YAKLAŞIMLAR

#### POTENTIAL EFFECTS OF SUMAC JUICE ON PHYSICAL PERFORMANCE IN ATHLETES: NEW APPROACHES IN ANTIOXIDANT CAPACITY AND ENDURANCE

Assoc. Prof. Zarife PANCAR<sup>1</sup>

<sup>3</sup>Hcewnf "qhl'Ur qt v'Uekpegu. 'F gr ct w gpv'qhl'Rj { ukecn'Gf wecvkp'cpf "Ur qt w. 'I c / kcpvgr "Wpkxgt ukf. ' I c / kcpvgr / Vwtng / O'

<sup>3</sup>QTEK "K < j wr u-1lqtekf Qti I 2222/2224/387; /4379"

PhD Student; Mustafa Sencer ULEMA<sup>2</sup>

<sup>4</sup>I c / kcpvgr "Wpkxgt ukf. 'F gr ct w gpv'qhl'Rj { ukecn'Gf wecvkp'cpf "Ur qt w. 'I c / kcpvgr / Vwtng / O'

<sup>4</sup>QTEK "K < j wr u-1lqtekf Qti I 2222/2223/7795/2554"

"

#### ÖZET

Dw'cte v, to cf c. "uwo cni' \*Tj wu' eqtkctk+ ' dknkukpf gp' grf g' gf krgp" uwo cni' uwf wpwp" ur qtewrtf c "tk kmgrn' r gthqto cpu" xg" f c { cp, m, n, m' } Ñ gtlpf gnk' r qvcpukf gn' gvnkrgtk' cte v, t, rf, O' Uwo cm" { Ñmgn' cpvkqmkf cp' ner cukguk' xg' cpvk/ lphco cwxct "3/4 grnkmgk' kg' vcp, pcp' dk' dknk' qnr. "gi | gtuk' "u, t, cu, pf c' qnr cp' qmkf cvk' utguk' c' cno c' r qvcpukf grkpg' ucj kr vt O' [ q wp' gi | gtuk' rgtkp' pgf gp' qrf w w' qmkf cvk' utgu' xg' n' u' j' cuct., " ur qtewrt, p' r gthqto cpu, p, "qno uw' "gvnkrg' g dkk' xg' vqr ctrpo c' u' Ñ gekpk' w' cvcdkk' O' Uwo cni' uwf wpwp" dw' u' Ñ g+grtf gnk' gvnkrgtk' cte v, to crctf c' qno nw' uqpwrct' xgto k vt' xg' dw' ±cn o cf c' o gxew' dwi wrct' f gtrgpo k vt O' Dw' co c±r. "uwo cni' uwf wpwp" ur qtewrt "Ñ gtlpf gnk' gvnkrgtk' k' grg" cm cni' co ce, { r' ner uco n' dk' rkgtecv' "ctco cu, " { cr, m, , v, t O' \$Uwo cni' uwf w. \$ " \$Tj wu' eqtkctk. \$ " \$cpvkqmkf cp. \$ " \$ur qt' r gthqto cpu, \$ " \$neu' { qti wprw w \$' xg' \$f c { cp, m, n, n \$' cpcj vt' hgrko grtkhwrp, rctcm' Rwd O' gf. 'Ueqr wu. "Y gd' qh' Uekpeg' xg' I qqi ng' Uej qrt' "i kdk' dkk' ugn' xg' tkcdprct, pf c' c' tco c' "i gt±mgm vt ko k vt O' Dw' cte c. "3/4 grnkmg' uqp" 32" { , rf c' { c { , o rcp' c' o cnergrtg' xg' o gvc/ cpcik' rgtg' qf cmrpo , v, t O' Ur qtewrt "Ñ gtlpf g' { cr, rcp' f gpg' { ugn' ±cn o crct. " uwo cni' uwf wpwp" neu' { qti wprw w. " f c { cp, m, n, m' xg' r gthqto cpu" Ñ gtlpf gnk' gvnkrgtk' f g gtrgpf k' gp' cte v, to crct' kg' i gpgn' r qr Ñ cu' { qpf c' uwo cni' v' Ñ gvko k' kp' uc n, m' Ñ gtlpf gnk' gvnkrgtk' k' p' gng' { gp' ±cn o crct' f gtrgpo k vt O' Uwo cni' uwf wpwp' cpvkqmkf cp' xg' kmj cr' " net , v, " 3/4 grnkmgk' k' p. " ur qtewrtf c' neu' { qti wprw wpw' c' cno c. " f c { cp, m, n, , ct, v, to c' xg' neu' j' cuct, p, " 3/4 p' rgo g' Ñ gtlpf g' gvnkrgtk' f g gtrgpf k' k' r' gmgf k' O' Cte v, to c' uqpwevpf c. " uwo cni' uwf wpwp" ur qtewrt, p' gi | gtuk' "uqptcu, " vqr ctrpo c' u' Ñ gulpk' m' ucndk' geg k' " cpvkqmkf cp' ugxk' grtk' k' ct, vt, ctm' { qti wprw m' dgnt' v' rgt' k' k' j' ch' h' g' v' d' k' r' geg k' xg' i gpgn' cv' g' n' i' r' gthqto cpuc' h' v' mf c' d' w' n' p' c' d' k' r' geg k' u' qp' w' e' p' c' xct, m, , v, t O' "

Anahtar Kelimeler: "Uwo cni' uwf w. " ur qt' r gthqto cpu, " cpvkqmkf cp. " f c { cp, m, n, m' neu' { qti wprw w O' "

#### ABSTRACT

Kp' vj ku' uwf { . " vj g' r qvcpukf' gh' geu' qh' uwo ce' " lweg' qd' v' l' p' g' " h' t' qo " uwo ce' \*Tj wu' eqtkctk+ " qp' r j { ukecn' r gthqto cpeg' cpf' gp' wt' c' p' eg' k' p' vj' r' g' v' g' u' y' g' t' g' l' p' x' g' u' k' i' cv' g' f' O' Uwo ce' ku' c' t' r' r' p' v' h' p' q' y' p' h' q' t' ku' j' ki' j' " cpvkqzk' cpv' ecr' cek' { " cpf' " cpvk/ lphco o cvqt { " r' tqr' g' v' ku' " cpf' " j' cu' vj' g' r' qvcpukf' v' q' t' gf' weg' qz' k' cvk' xg' ut' guu' f' w' l' pi' " gz' g' tek' u' g' O' Qz' k' cvk' xg' ut' guu' cpf' " o' w' eng' f' co' ci' g' ec' w' u' g' f' d' { " k' p' v' p' u' g' " gz' g' tek' u' g' " e' cp' " p' gi' cvk' gn' { " ch' h' e' v' c' y' r' g' v' u' } r' gthqto cpeg' cpf' " r' tqm' pi' " vj' g' t' eq' x' g' t' { " r' tq' e' gu' u' O' Vj' g' " gh' geu' qh' uwo ce' " lweg' qp' " vj' g' u' g' " r' tq' e' gu' u' j' c' x' g' { " k' r' f' g' f' " r' qu' k' x' g' " t' gu' w' m' " k' p' " t' gu' g' t' e' j' " cpf' " vj' ku' uwf { " t' g' x' l' e' y' u' " vj' g' " ew' t' gp' v' h' k' p' k' pi' u' O' H' q' t' " vj' ku' r' w' t' r' qu' g' . " c' " eqo r' t' g' j' gp' u' x' g' " r' k' g' t' c' w' t' " t' g' x' l' e' y' " y' cu' eq' p' f' w' e' g' f' " v' q' c' f' f' t' gu' u' " vj' g' " gh' geu' qh' uwo ce' " lweg' qp' " vj' r' g' v' u' O' Vj' g' " ng' { y' q' t' f' u' o' u' ce' " lweg. o' " O' Tj wu' eqtkctk. o' " o' cpvkqzk' cpv. o' " o' ur' qt' u' r' gthqto cpeg. o' " o' w' eng' " h' c' v' i' w' g. o' " cpf' "

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ögpf wtcegö"y gtg"wgf "v"ugctej "uekp"le"fcvdcugu"wej "cu"RwdO gf . "Ueqr wa."Y gd"qh"Uekpeg."cpf " I qqi ng"Uej qrt0Vj ku'ugctej 'hewugf 'ur gekkicm{"qp"ctkergu"cpf "o gvc/cpcn{ugu'r wdkuj gf 'kp'yj g'rcuv'32" {gctu0Gzr gtko gpcnluwf lgu'kp'cyj ngvu. 'tgugctej 'gxcnvc'pi "yj g'ghgevu'qh'uwo ce'lwleg'qp'o wueng'hvki wg." gpf wtceg"cpf "r gthqto cpeg."cpf "uwf lgu"gzco k'pi "yj g'j gcmj "ghgevu"qh'uwo ce"equwo r wkp"kp'yj g" i gpgtci'r qr wcvkp"y gtg'tgxky gf 0Vj g'ghgevu'qh'yj g'cpvkz'kf cpv'cpf "cpv'k'phco o cvqt {"r tqr gt'vku'qh' uwo ce'lwleg'qp'tgf w'pi 'o wueng'hvki wg. 'kpetgculpi "gpf wtceg"cpf 'r tgxgp'v'pi 'o wueng'f co ci g'kp'cyj ngvu" ctg'gxcnvc'gf 0Vj g'uwf {"eqpenwf gf 'yj cv'uwo ce'lwleg'o c {"uj qt'v'p'cyj ngvu)tgeqxt {"ko g'cht'gt'gz'gtelug." cmxlc'v'g" hvki wg" u{o r vqo u" d {" "kpetgculpi " cpvkz'kf cpv' ngxnu." cpf " eqpv'kdwg" vq" qxgtcm' cyj ng'le" r gthqto cpeg0"

**Keywords:** 'Uwo ce'lwleg.'ur qt'u'r gthqto cpeg.'cpvkz'kf cpv.'gpf wtceg.'o wueng'hvki wg0'

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#### SODA VE TUZ KARIŞIMININ SPORCULARDA TOPARLANMA SÜRECİ ÜZERİNDEKİ ETKİLERİ: ELEKTROLİT DENGESİ VE KAS FONKSİYONLARI ÜZERİNE BİR İNCELEME

#### THE EFFECTS OF SODA AND SALT MIXTURE ON THE RECOVERY PROCESS IN ATHLETES: A STUDY ON ELECTROLYTE BALANCE AND MUSCLE FUNCTION

Assoc. Prof. Zarife PANCAR<sup>1</sup>

<sup>3</sup>Hcewnf "qhl'Ur qt v'Uekpegu. 'F gr ct wo gpv'qhl'Rj { ukecn'Gf wecvkp'cpf 'Ur qt w. 'I c /kcpvgr 'Wpkxgt ukf. ' I c /kcpvgr /Vwtng{ O'

<sup>3</sup>QTEK 'KF < j wr u-llqtelk' Qti I 2222/2224/387; /4379"

PhD Student; Mustafa Sencer ULEMA<sup>2</sup>

<sup>4</sup>I c /kcpvgr 'Wpkxgt ukf. 'F gr ct wo gpv'qhl'Rj { ukecn'Gf wecvkp'cpf 'Ur qt w. 'I c /kcpvgr /Vwtng{ O'

<sup>4</sup>QTEK 'KF < j wr u-llqtelk' Qti I 2222/2223/7795/2554"

"

#### ÖZET

Dw'±cn o c. 'uqf c'xg'w' 'net, ,o ,p,p' { q wp'gi | gtuk' 'uqptcu, pf c'ur qtewrtf c'qr ctrpo c'u'±gekl'± gt kpf gnk' gnrktkpkpegrgo gmgf k'OGrgmtqrk'hc { d, 'xg'u,x, 'f gpi gulpkp'dq| wro cu, . { q wp' h'k knugncmkxkg'u, tcu, pf c' ur qtewrt, p' r gthqto cpu, p, 'qno uw' { '±pf g' gnrktk' { gdnk' O'Uqf c' \*o cf gp' uw' w'xg'w' 'net, ,o ,. 'k±gtk kpf gnk' uqf { wo . 'r qcu' { wo 'xg' f k gt' o kpgtcmgt' uc { gulpkf g' grgntqrk' f gpi gulpkp' hqt wpo cu, pc' { ctf, o e, 'qr±dkk' 'xg' dw'u'±g±v'g' neu' hqpmk' qpmt, p, 'f guvngm' { gdnk' O'Nkgtcv'±f g' uqf c' xg'w' 'net, ,o ,p,p' x'±ew'u,x, 'f gpi gulpkp' xg' neu' { qti wpmw w' ± gt kpf gnk' gnrktkpkp' f ck' 'u, p, tn' ±cn o c' dw'wpo cu, pc' tc o gp. 'dw' net, ,o ,p' ur qtewrtf c' 'qr ctrpo c { , 'j , | rpf, tcdkreg k' f ± ± ± gmgf k' O' Dw' co c±nc. "uqf c' xg' w' 'net, ,o ,p,p' ur qtewrtf c' 'qr ctrpo c' u'±gekl'± qncp' gnrktkpk' kpegrgo gnrktkpk. "\$Uqf c' \*o cf gp' uw' w'±\$ 'Sw' 'net, ,o ,±\$ \$grgntqrk' f gpi gulpkp' neu' { qti wpmw w'±xg'±qr ctrpo c' u'±gekl'± cpcj vt' h'grko grgk' h'wmp, rctcm' RwdO gf. " Ueqr wu. " Y gd' qh' Uekpeg' xg' I qqi ng' Uej qrt' i kdk' dkko ugn' xgtkcdcpmt, pf c' vtco c' { cr, m, , vtO' Ctc vto cmtf c. 'uqf c'xg'w' 'net, ,o ,p,p' | gtuk' 'uqptcu, 'u,x, 'xg' grgntqrk' f gpi gulpkp' hqt wpo cu, pf c' pcu, n' dk' 'tqn' q { pcf, , pc' f ck' dwi wrt' kpegrgo k' vtO' cr, rcp' o gxew' ±cn o cmt' xg' m'kpm' dwi wrt', , , pf c. " uqf c' xg'w' 'net, ,o ,p,p' | gtuk' 'uqptcu, 'qr ctrpo c' u'±gekl'± pcu, n' gnrktkpk' k' xg' dw' net, ,o ,p' ur qtewrt' k' r qvcpuk' gr'hc { f cmt, 'f g gtrgpf k' km k' vtO' gxew' h'kgtcv'±. " dw' net, ,o ,p' { q wp'gi | gtuk' 'uqptcu, 'u,x, " ne { d, p, " f gpi grg' { gtn' neu' { qti wpmw wpmw' c' cncdkreg kpk' xg' qr ctrpo c { , 'j , | rpf, tcdkreg kpk' i ±vngto gmgf k' O' Cpecm' dw' c' rpf c' f c' j c' ner uco n' m'kpm' ±cn o cmt, p' { cr, m, cu, 'uqf c' xg'w' 'net, ,o ,p,p' ur qtewr' gthqto cpu, ± gt kpf gnk' gnrktkpk' vco 'cpico , { r' f g gtrgpf k' o gnrktkpk' i gt gnrktk k' O'

Anahtar Kelimeler: "Uqf c. 'w' 'net, ,o ,. 'qr ctrpo c. 'neu' hqpmk' { qpwo'

#### ABSTRACT

Vj ku'uwf { 'gzco kpg'v'j g'ghgeu'qh'uqf c'cpf 'ucn' o kzwtg'qp'v'j g'tgeqxt { 'r tqegu'lp'c'v'j ngvu'chgt' k'v'g'pug' gz gteku'OGrgvtn' v'g' m'uu'cpf 'h'wk' 'ko dncrpeg' ecp' pgi cv'xgn' { 'chge'v'j g' r gthqto cpeg' qh'c'v'j ngvu' f w'kpi " k'v'g'pug' r j { ukecn' ce'v'xk' { O' C' o kzwtg' qh' uqf c' \*o kpgtcm' y cvgt' ±cpf 'ucn' o c { 'j gr' " o cl'v'cl'p' grgvtqn' v'g' dncrpeg' v'j cpm' v'q' ku' uqf kwo . 'r qcu' kwo 'cpf 'q'v' gt' o kpgtcm' cpf 'uwr r qt' v' o wueng' h'wpev'kp' lp' v'j g' r tqegu' O' Cnj qwi j 'v'j gtg' ctg' r'ko kgf 'uwf l'gu'lp' v'j g' h'kgtcv'wtg' qp' v'j g' ghgeu'qh' uqf c' cpf 'ucn' o kzwtg' qp' dqf { 'h'wk' " dncrpeg' cpf " o wueng' h'vki v'g. 'k' ku' v'j qwi j v'v'j cv'v' ku' o kzwtg' o c { 'ceegr' g'v'g' t'geqxt { 'k' p' c'v'j ngvu' O' Hqt' v'j ku' r wtr qug. 'k' q' f gt' v'q' gzco kpg' v'j g' ghgeu'qh' uqf c' cpf 'ucn' o kzwtg' qp' v'j g' t'geqxt { 'r tqegu'lp' c'v'j ngvu. " c' ugctej 'y cu' eqpf wev'g' f " uekp' v' h' e' f cvcdugu' uwej " cu' RwdO gf. " Ueqr wu. " Y gd' qh' Uekpeg' cpf " I qqi ng' Uej qrt' " wukpi " v'j g' ng' { y qtf u' ±uqf c' \*o kpgtcm' y cvgt' ± o' ±ucn' o kzwtg' o' ±grgvtqn' v'g' dncrpeg. o' ±o wueng'

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hçki wö"çpf "ötgeqxt { 'r tqeguö0Vj g'uwf lgu'gzco kpgf 'yj g'hpf kpi u'qp'vj g'tqrq'qh'uqf c'çpf 'ucn'o kzwtg" kpo"o çkpwçkpi "hmkf"çpf "grgevtqn{vg"dcrcpeg"çhgt "gzgtekug0k{ 'vj g'rkj v'qh'gzkwpkpi "uwf lgu'çpf "erkplecn' hpf kpi u.'y g'gxcnçvçf 'j çy 'c'o kzwtg'qh'uqf c'çpf 'ucn'çhçgeu'vj g'r quv'gzgtekug'tgeqxt { 'r tqegu'çpf 'yj g' r qvçkçn'dgpçhku"qh'vj ku'o kzwtg'hqt "çy rçgu0Vj g'cxçkçdçg"rkçtçwtg"uwi i guu'vj çv'vj ku'o kzwtg"o c{ " tgf wçg"o wueng'hçki wç"çpf "ceçgrtçvç'tgeqxt { "çhçgt"kpçvçpug"gzgtekug'd{ "dcrcpekpi "hmkf "hqu0J çy çxçt." o qtg'gzçpukçg'erkplecn'tkçn'kp'vj ku'tçgc'tçg'pççgf çf 'çq'hçmç{ 'gxcnçvç'vj g'çhçgeu'qh'uqf c'çpf 'ucn'o kzwtgu" çp'çy rçvç'r çthçto çpeg0'

**Keywords:** "Uçf c.'ucn'o kzwtg.'tgeqxt { .'o wueng'hçpekçp0'

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#### ASKERİ ARAÇ YAKIT SİSTEMLERİNDE ÖN ISITMALI EK YAKIT TANKI TASARIMI VE SİSTEME FONKSİYONEL ETKİSİ

#### DESIGN OF A PRE-HEATED AUXILIARY FUEL TANK IN MILITARY VEHICLE FUEL SYSTEMS AND ITS FUNCTIONAL IMPACT ON THE SYSTEM

Hüseyin EROL<sup>3</sup>

<sup>3</sup>Mqrno cp'Qvqo qvix'Gpf Āiat k'CO 0'.Cungt k'Ct/I g.'Ct c±Vcuct ,o 'W/o cp., 'Vctuwu'TO gt ulp. 'VĀtnk'g"  
<sup>3</sup>QTEKF 'KF <j wr u<llqtekf Qti I222; /2227/3366/597Z"

#### ÖZET

Cungt k'ctc±ct, p'ctc| knq wrct, pf c'xg'gmwtgo 'u,ecm, mctf c'±cn, cdkro gukk±kp" {cmv'ukungo rgtkpk', u, vcten' {cmv, 'u, x, "j cif g"dwmpf wto cu, "i gtgno gmgf kt'0Ct±" {cmv, p, "xg" {cmv'j cvrt, p, "u, vcp" ukungo rgt. "f k' gn' {cmv'ctc'±cn, cp", u, v, e, rct'±cj kr vt 0Dw, u, v, e, rct' h±Āñiddkt g' f k' gn' b qvq' b cpv, , 'kg'±cn, o cmcf, t0F k' gn' {cmv, " {cncten', u, "Āt gkt 0"

Kı, v, e, rct, p'kj v'k' c±f w' f w w' f k' gn' {cmv, "u, v, o cn'k±kp' m±Āñiner cukgrk' gn' vcpn' hwrmp, m cmcf, t0Gn' vcpn' {cmv' i kk "j cw, pf cp" {cmv' f qno w' uc rcp, t. " {cmv' ±, m , "kg" {cmv' i g' k' f 3/4 Ā Ā' uc rcp, t0Kı, v, e, "dgungo g" j cw, 'kg' f g' gn' vcpmcp" {cmv' dgungpk 0"

Gn' vcpn' k±gt kulpf gn' k' {cmv, 'u, v, e, 'tg' kucpu" {ctf , o , 'kg' , u, v, nt0F k' gn' {cmv' 74' xg', 8' ĀE rgt' ctcu, pf c' r' ctro c" pqmcu, pc' wr cdkro gmgf kt' 0Rctro c' pqmcu, " {Āmgn' qm cu, pc' tc o gp. " {cmv' kg' , u, v, e, 'tg' kucpu, p' f k' gm' vgo cu, " i Āxgrk' f g k' f k' 0' Dw' ugdgr rg" {cmv' d' 3/4 no gulpkp" o gtn' l' kpg' dk' " j c' l' pg" {gtrg v' k' k' 0' Dw' j c' l' pg" , u, v, rcten' {cmv, "u, i g±k k' uc rcpo , "qnt 0"

Kı, v, e, "dk' j c' l' pg' k±gt kulpg' h' qpedk' rgegn' gp' w' i wp' u, x, rctf cp' dk' k' o qvq' " {c , f, t0J c' l' pg' h' er cukgulpkp" 82a' nef ct' " {c ' f qno w' i gt ±gmng v' k' k' 0' c " j c' l' pg' k±gt kulpg' " {gtrg v' k' r' gp' " tg' kucpu" {c , , u, v, t' xg' dk' o kmct" i gprg o gulpk' uc rct0J c' l' pg' ±gr gtrgt k' pf gp", u, i g±k k' uc rcpcten' f k' gn' {cmv, "u, cmct, nt0J c " j c' l' pg' kulpkp" , u, v, m cu, 'uc {gulpk' g' gn' {cmv' vcpm' k±gt kulpf gn' k' {cmv, 'u, v, nt' xg' u, x, "j cif g' v' w' w' nt 0"

Gn' {cmv' vcpm' k±gt kulpf g' qnw cp' u, ecm, n' ctv, , 'uc {gulpk' g' vcpn' k±gt kulpf gn' k' dk' ko rgt g' f g', u, i g±k k' uc rcp, t0 [ Āmgn' {q w' p' n' m' en' k' o qvq' " {c , . " f c' j c' i g±" uq w' cec , " k±kp' , u, { , " f c' j c' w' wp' u' Āt g' dct, pf, t, t0' Dw' , u, " gp' g' l' kulpk' cp" {ctctro po cn' k±kp. " ukungo k' , u, vcp' , u, v, o c' j' cvrt, " gn' vcpn' k±gt kulpf gp' i g±k k' k' 0"

Gn' vcpn' k±gt kulpf gp' i g±gp' , u, v, o c' j' cvrt, " k±kp' dk' " j c' l' pg' qnw w' w' nt 0' Dw' j c' l' pg' k±gt kulpf g' , u, v, o c' uw' w' vqr rcp, t' xg' cm' , 'tcj cvrv, m , "qnt 0' r' xg' vgp. " , u, v, o c' uw' w' j c' l' pg' kulpk' gp' " {Āmgn' pqmcu, pc' dk' " i gprg o g' vr cu, " gmngpk 0I gprg o g' vr cu, 'uc {gulpk' g' gn' vcpm' k±gt kulpf g' i k' gp' xg' ±, rcp' , u, v, o c' uw' w' ±gxt ko k' lp' " hc' r' j c' xcu, cn' po , "qnt 0"

Gn' vcpn' Ā' gt k' pf gn' k' i gprg o g' vr cu, " u' 3/4 m Ā Ā " vcm' r' d' k' k' " p' k' grk' m' gf k' 0' Dw' uc {gf g' k' v' k' c±" j' crk' pf g' , u, v, o c' uw' w' f qno 'xg' dq cm, o 'vr cu, " qnt en' i 3/4 gx" {cr cdk' k' 0"

Gn' {cmv' vcpm. " vcut, o , " k' k' d' ct k' r' g±, u, v, e, p, p' kj v' k' c±" f w' f w w' {cmv, " k±gt kulpf g' dwmpf w' wt 0' Ukungo " cmk' h' j cif g' k' ngp' gn' {cmv, p, "u, v, m cu, p, "xg' ukungo g' {cmv' dgungpo gulpk' uc rct 0' [ cmv' k±gt kulpf g' dwmpcp" uw' j cvrt, p, "u, vcten' gp' g' l' k' k' x' gt ko ik' n' w' m' po co , | c' " qrepcn' uc rct 0' Gn' qrtcm" gn' vcpn' dk' " i gprg o g' vcpm" i 3/4 gx k' i 3/4 Ā' xg' ukungo f gn' k' j c' x' c' , 'vcj r' k' g' v' go go k' k' uc rct 0'

Anahtar Kelimeler: "gn' {cmv' vcpm. " {cmv, "u, v, o c. 'y gdcuvq. 'f k' gn' {cmv'

#### ABSTRACT

Hqt' b' k' k' ct { 'xg' k' engu' v' q' r' g' t' cv' g' l' p' q' h' / t' q' cf " eq' pf k' k' q' pu' c' pf " g' z' v' t' go g' v' go r' g' t' cv' w' t' gu. 'v' j g' h' w' gn' u' v' go u' o w' w' dg' j' g' cv' g' f " v' q' n' g' gr " v' j g' h' w' gn' l' p' c' " r' k' s' w' k' f " uc' v' g' 0' V' j g' u' v' go u' v' j' cv' j' g' cv' v' j' g' x' g' k' eng' h' w' gn' c' pf " h' w' gn' r' k' p' gu' ct' g' "

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gs wkr r gf "y kj "j gcvgtu'twppkpi "qp"fkugni'hwgn'Vj gug"j gcvgtu'y qtm'uko kctn' "v"uo cm'f kgugn'gpi kpgu'd {" dwtpkpi "f kgugn'hwgn'v"i gpgtcvg"j gcv'0

C"uo cm'ecr cekv "cwzkrkt {"vcpn'ku"wguf "v"r tqxkf g"vj g"pgeguuct {"f kgugn'hwgn'hqt"j gcvkpi 0'Hwgn'ku'hkmgf " vj tqwi j "vj g'kprv'hkpg."cpf "vj g'hwgn'tgwtp'ku'hcekkcvgf "vj tqwi j "vj g'qwwgv'hkpg0Vj g'hwgn'ku'uw r rkgf "v"vj g" j gcvgt 'htqo "vj g'cwzkrkt {"vcpn'vj tqwi j "vj g"j gcvgt'uw r r n' "hkp0

Vj g'hwgn'kpukf g"vj g'cwzkrkt {"vcpn'ku"j gcvgf "y kj "vj g"j gn "qh'c"j gcvkpi "grgo gpv'0F kgugn'hwgn'ecp'tgcej "ku" hrcuj "r qkp'vdgy ggp"74Å"cpf "; 8ÅE0Cm j qwi j "vj g'hrcuj "r qkp'ku'tgcv'xgn {"j ki j ."f kt gev'eqpcev'dgy ggp" vj g'hwgn'cpf "vj g"j gcvkpi "grgo gpv'ku"wpuchg0Vj g'tghqtg."c"ej co dgt "ku"r mceg "kp"vj g'egpvt "qh"vj g'hwgn' eqo r ctvo gpv'0Vj ku'ej co dgt "ku"j gcvgf ."cmqy kpi "j gcv'tcpuhgt "v"vj g'hwgn'0

Qpg'qh'vj g'o quv'uwkcdrg'hs wkf u"v"dg'r mceg "kp"vj ku"j gcvkpi "ej co dgt "ku"o qvqt "qk0Vj g'ej co dgt "ku"hkmgf " y kj "b qvqt "qk'wr "v"82' "qh'ku'ecr cekv {"0Vj g"j gcvkpi "grgo gpv'kpukf g"vj g'qk'ej co dgt "j gcv'vj g'qkn'ecwukpi " kv"v"gzr cpf "urki j v'0J gev'ku"vcpuhgttgf "v"vj g'f kgugn'hwgn'vj tqwi j "vj g'ej co dgt "y cm0Vj ku"j gcvkpi " r tqeguuhggg u"vj g'hwgn'kp"vj g'cwzkrkt {"vcpn'ly cto "cpf "kp"hs wkf "hqt0 0

Vj g'kpetgcug"kp"vgo r gtcwtg"y kj kp"vj g" cwzkrkt {" "hwgn'vcpn'cmqy u"j gev"v"dg"vcpuhgttgf "v"qj gt" eqo r qpgpu'kp"vj g'vcpn'0O qvqt "qkn"y kj "ku"j ki j "f gpuk {"."tgcv'ku"j gcv'hqt "c"rpi gt "r g'kqf ."eqqkpi "f qy p" o qtg"uqy n'0Vq"wk'k' g"vj ku"j gev'gpgti {"."vj g"j gcvkpi "hkpgu"vj cv'y cto "vj g"u{uvg0 "r cuu"vj tqwi j "vj g" cwzkrkt {"vcpn'0

C"ej co dgt "ku"etgcvgf "y kj kp"vj g"cwzkrkt {"vcpn'hqt "vj g"j gcvkpi "hkpgu0J gcvkpi "y cvgt "ku"eqmgev'gf "kp"vj ku" ej co dgt ."hcekkc'vki "uo qqvj gt "hry 0Cf f kkp'cm' ."cp"gzr cpukp'r nvi "ku"cf f gf "v"vj g"j ki j g'v'v'qkp'v'q'vj g" j gcvkpi "y cvgt "ej co dgt0Vj ku'r nvi "tgo qxgu"zgegu'ck'htqo "vj g"j gcvkpi "y cvgt "e{erg"gpv'gtkpi "cpf "gzkkpi " vj g'cwzkrkt {"vcpn'0

Vj g'gzr cpukp'r nvi "qp"vj g'cwzkrkt {"vcpn'ku"v'gcej cdrg."cmqy kpi "kv"v"hwpev'kp"cu'dqj "c"j gcvkpi "y cvgt" hkrkpi "cpf "f tcklpi "r nvi "y j gp'pgeguuct {"0

Vj g'cwzkrkt {"hwgn'vcpn'ku"v'guki pgf "v"j qrf "vj g'tgs wktgf "hwgn'hqt "vj g"j gcvgt0Y j krg'vj g'u{uvg0 "ku'cev'xg."kv" j gcv'vj g'cwzkrkt {"hwgn'cpf "uw r rkgu"hwgn'v"vj g'u{uvg0 0D {"j gcvkpi "vj g"y cvgt "hkpgu"kpukf g"vj g'hwgn"kv" gpcdrgu'gh'ekgpv'wug'qh'gpgti {"0Cf f kkp'cm' ."vj g'cwzkrkt {"vcpn'cew'cu'cp"gzr cpukp"vcpn'cmqy kpi "ck" kp"vj g'u{uvg0 "v"dg'f k'ej cti gf 0

**Keywords:** "cwzkrkt {"hwgn'vcpn'hwgn"j gcvkpi ."Y gdcuvq."f kgugn'hwgn'

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#### POLYCYSTIC OVARIAN SYNDROME AWARENESS AMONG FEMALE COLLEGE STUDENTS IN OMAN: A CROSS-SECTIONAL STUDY

*Fatmah Salim Ali Alsubhi*

*Uej qqr'qhl'Pwt ukpi . 'Eqmgi g'qhl'J gcnj 'Uekpegu 'Wpkxgt uk' qhl'Pk' y c. 'Uwncpcvg'qhl'Qo cp''*

*Rawia Rabia Amur Al-Maskari*

*Uej qqr'qhl'Pwt ukpi . 'Eqmgi g'qhl'J gcnj 'Uekpegu 'Wpkxgt uk' qhl'Pk' y c. 'Uwncpcvg'qhl'Qo cp''*

*Jestoni Maniago*

*Uej qqr'qhl'Pwt ukpi . 'Eqmgi g'qhl'J gcnj 'Uekpegu 'Wpkxgt uk' qhl'Pk' y c. 'Uwncpcvg'qhl'Qo cp''*

*T gur qpukdrg' Cwj qt +QTEK <2222/2224/: 825/52; 6*

"

#### ABSTRACT

Rqn{e{ uke"qxct { "u{ pf tqo g"REQU"ku"e"r tgcrgpv"j qto qpcn'f kuqtf gt "chgevkpi "y qo gp"qh'tgr tqf wevxg" ci g. "ej ctcevgtk gf "d{ "j qto qpcnko dcrpegu"vj cv'ecp"j cxg'r tqhqwpf "j gcnj "ko r rkecvkpuOREQU"ketgcugu" vj g'tkumqhl'phgtvks' .i gucvkqpcn'f kcdgvgu. "j { r gtvgpukqp. "cpf "ectf kqxcuewrt "f kugcug. "y j krg"cnq "cf xgtugn" " chgevkpi "o gpvcn'j gcnj . "y kj "grgxcvgf "tcvgu"qh'f kxqteg"cpf "f gr tguukqp"tgr qtvgf "co qpi "vj qug"chgevgf "O Vj ku"uwf { "cko u"vq" cuugu"vj g" rnxgn"qh"cy ctgpguu"cdqw"REQU"co qpi "hgo crg"eqmgi g"uwf gpw"O" C" swcpkcvkxg"cr r tqcej "y cu'go r nq{ gf . "wkrk kpi "cp"qprkpg'lwtxg{ "hqt "f cv"eqmgevkqpOVj g'uco r ng'eqpukngf " qh'4; 5" hgo crg"uwf gpw"ltqo "vj g"Eqmgi g'qhl'J gcnj "Uekpegu"cv'vj g'Wpkxgtuk' "qhl'Pk' y c. "ugrgevgf "vj tqwi j " c'pqp/tcpf qo "uco r npi "gej pls vgOVj g'tguwuu'kpf kecvgf "c"j ki j "hgxgn'qh'cy ctgpguu'tgi ctf kpi "REQU. "y kj " 7807" "qhl'r ctvekrcpw'f go qputcvkpi "hpqy rgi g'qh'vj g'u{ pf tqo gOHwtvj gto qtg. "qnf gt"uwf gpw'cpf "vj qug" kp"j ki j gt"cecf go le" { gctu"gzj kdkgf "uki pkkecpw'f "i tgcvgf "cy ctgpguu"Owpf gtucpf kpi "REQU"ku'r ctvekrcn'f " etwekn'ht "hgo crg"uwf gpw"qh'ej kf dgctkpi "ci g. "cu"vj g"u{ pf tqo g"ecp"rgcf "vq"ktgi wrt"o gputwcn'e { ergu" cpf "ej cmppi gu'kp"eqpegkxkpi "O"ketgcugf "cy ctgpguu"cv'vj ku'uci g'hcekxvku"gctn' "f gvevkqp"qh'lu{ o r vqo u. " r qvgpvcn'f "r tgxgpv'kpi "vj g"gzcegt dcvkqp"qh'j gcnj "kuwgu'lp"vj g'hwmtgOCf f kkkqpcn'f . "gf wecvgf "y qo gp"ecp" r rc { "c" xkcn'tqrg"kp" f kuugo kpcv'kpi "mpqy rgi g"cdqw"REQU"co qpi "hco kn' "cpf "htkppf u. "co r rkh'kpi "vj g" ko r qtcepeg"qh'cy ctgpguu"y kj kp"vj gk"eqo o wpkvku"O

Mg{y qtf u"Rqn{e{ uke"Qxct { "U{ pf tqo g. "Cy ctgpguu. "Hgo crg"Eqmgi g"Uwf gpw. "Tgr tqf wevxg"J gcnj . " J qto qpcn'ko dcrpeg. "O gpvcn'J gcnj ""

"

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#### FEATURES OF ANNE SEXTON'S ARTISTIC STYLE

*Karolina Bilous*

*Orgu'J qpej ct 'Fpkr tq'Pcvkqpcn'Wpkxgt ukv'. 'Hcewm' qh'Wmt c'kpkcp'cpf 'Hqt gli p'Rj kqrqi { 'cpf 'Ct u. "*  
*Fpkr tq. 'Wmt c'kpg"*

*QTEK: 'K' <j wru'Alqtef Qti D222/2224/58; 2/782: "*

"

#### ABSTRACT

K'qtf gt 'v'w'pf gt u'w'cpf 'C'ppg'Ugz v'p'u'ct'v'k'le'uv'rg. "qpg'o w'u'h'tu'v'g'ct'p'v'j g'h'ce'u'h't'q'o 'j gt 'd'k'q'i t'c'r j { 'v'j c'v' ct'g' f'k'g'ev'v' { 't'g'h'g'ev'v'f' "k'p' "j gt' x'k'k'f' "y q't'n'0' Ugz v'p' "y c't'p'u' "j gt' t'g'c'f' g't'u' "v'j c'v' "c'n'j q'w'i j "j gt' r'q'g't { "k'u" e'q'p'h'g'u'k'q'p'c'n' "u'j g' "u'q'o g'v'k'o g'u'ej c'p'i g'u'j gt' c'w'q'd'k'q'i t'c'r j { 'v'j "u'w'k'j' gt' c't'v'k'le' "k'p'v'g'p'v'k'p'u'0'Q'p'g'g'z'c'o r'rg'q'h' "v'j g'f'k'u'et'g'r'c'p'e { "d'g'y g'g'p' "t'g'c'r'k'v' { "c'p'f' "r'q'g't { "k'u' "Ugz v'p' "u' "t'g'r'v'k'p'p'u'j k'r "y k'j' "j gt' "i' t'g'c'v'c'w'p'v' "C'p'p'c' "F'k'p'i r'g' { . " y j q'v' y c'u'c' "m'x'k'p'i "o g'p'v'q't "v'j "Ugz v'p' "v'j t'q'w'i j q'w'j' gt' "e'j k'f' j q'q'f' 0'N'k'p'f' c' "I t'c' { "Ugz v'p' "p'q'v'u' "v'j c'v'j' gt' "f' g'c'v'j " y j g'p' "C'p'p'c' "y c'u'c' "v'g'g'p'c'i gt' "y c'u'c' "m'q'u' "u'j g' "h'g'n' "v'j t'q'w'i j q'w'j' gt' "r'k'h'g'0'V'j k'u'k'o c'i g' "u'g'g'o u' "v'j "t'g'h'g'ev'v' "Ugz v'p' "u' "k'p'p'g't "y q't'r'f' "o q't'g' "v'j c'p' "j gt' "q'w'g't "t'g'c'r'k'v' { 0' "

**Keywords:** "c't'v'k'le'uv'rg. "e'q'p'h'g'u'k'q'p'c'n'r' q'g't { . "d'k'q'i t'c'r j { "

"

K'p'3; 6: . "c'v'v'j g' "c'i g' "q'h' "v'j g'p'v' { . "u'j g' "g'n'r' g'f' "y k'j' "C'r'i't'g'f' "Ugz v'p' "K'K' "p'l'e'm'p'c'o g'f' "o'Ec { q'0' "J gt' "h't'u'v' "e'j k'f' . " N'k'p'f' c' "y c'u' "d'q't'p' "q'p' "L'w'n' { "43. "3; 750 "D'g'ec'w'ug' "q'h' "v'j k'u' "Ugz v'p' "u' "r' u' { e'j q'n'i k'ec'n'f' k'u'q't'f' g't'u' "d'g'eco g' "u'q' "u'g'x'g't'g' " v'j c'v'v'j g' { "t'g's w'k't'g'f' "h't'g's w'g'p'v'j q'u'r k'c'r'k' c'v'k'p'u'k'p' "e'q'p'p'g'ev'k'p' "y k'j' "v'j g' "d'k't'v'j "q'h'4' "f'c'w'i j v'g't'u' "v'j g' "u'g'eq'p'f' . "I'q' { e'g' "N'c'f'f' "Ugz v'p' . "p'l'e'm'p'c'o g'f' "o' "L'q' { . "o' "y c'u' "d'q't'p' "k'p' "3; 770 "K'p' "3; 76" "c'p'f' "3; 78. "Ugz v'p' "y c'u' "k'p' "c' "r' u' { e'j k'ev'le' " j q'u'r k'c'r'0' "V'j g'ug' " { g'c't'u' "y j k'ej "k'p'e'n'f' g'f' "c' "u'w'k'k'f' g' "c'w'g'o r'v' . "r'g'f' "v'j "j gt' "e'j k'f' t'g'p' "d'g'k'p'i "u'g'p'v' "v'j "r'k'x'g' "y k'j' " t'g'r'v'k'x'g'u' . "c'p'f' "c't'g' "v'j g' "u'q'w't'eg' "q'h' "v'j g' "c'w'q'd'k'q'i t'c'r j k'ec'n' "o' c'v'g't'k'n' "k'p' "j gt' "r'q'g'o " "V'j g' "F'q'w'd'g' "K'o c'i g'0' "N'k'p'f' c' " Ugz v'p' . "v'j g' "g'f' k'q't' "q'h' "j gt' "o' q'v'j gt' "u' "r'g'w'g't'u' "c'p'f' "v'j q' "r' q'u'y w'o q'w'u'n' { "r' w'd'r'k'uj g'f' "x'q'n'w'o g'u' "q'h' "r' q'g't' { . "e'r'c'k'o g'f' " v'j c'v'j' gt' "r'k'h'g' "y c'u' "r'k'ng' "c' "t'q'm'g't' "e'q'c'v'g't' . "c'n'g't'p'c'v'k'p'i "d'g'y g'g'p' "r'q'x'g' "c'p'f' "c'f' "o' k't'c'v'k'p' "c'p'f' "u'w'k'k'f' c'n'f' g'r' t'g'u'k'q'p' " c'p'f' "x'k'q'r'g'p'eg'0' "K'p' "v'j g' "h'm'i'q'h' "3; 7: . "u'j g' "c'w'g'p'f' g'f' "c' "i' t'c'f' w'c'v'g' "u'g'o k'p'c't' "c'v' "D'q'u'v'p' "W'p'k'x'g't'uk'v' { . "y j g't'g' "u'j g' "o' g'v' U' { r'k'k' "R'r'c'v'j . "y k'j' "y j q'o "u'j g' "o' g'v' "t'g'i w'r'c't'n' { "c'h'v'g't' "e'r'c'u' "v'j "e't'k'k's w'g' "g'c'ej "q'v'j gt' "u' "r' q'g'o u' "q'x'g't' "o' c't' "v'k'p'u' "0' " c' "e't'k'k'ec'n' "o' q'o g'p'v'k'p' "j gt' "e'c't'g'g't' "e'c'o g' "k'p' "3; 89. "y j g'p' "u'j g' "y q'p' "v'j g' "R'w'k'v' gt' "R't'k' g' "h'q't' "j gt' "d'q'q'm'i "N'k'x'g' "q't' "F'k'g'0' "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MOTHER-AND-DAUGHTER RELATIONSHIP IN ANN SEXTON'S POETRY "THE DOUBLE IMAGE"

*Karolina Bilous*

*Qrgu'J qpej ct 'Fpkr tq'Pcvkqpcn'Wpkxgt ukx'. 'Hcewn' qh'Wnt c'kpkcp'cpf 'Hqt gli p'Rj kqrqi { 'cpf 'Ct u. 'Fpkr tq. 'Wmckpg"*

*QTEK' 'KF <j wru<1qtekf Qjti I2222/2224/58; 2/782: "*

"

#### ABSTRACT

Vj g'r tqdrgo "qh'o qvj gtj qqf . 'y j ke j "o cphguu'kugrh'kp'mxg'cpf "j cxtgf "vj cxtgf "qh'vj g'ej kf u'kppqegpeg+" hqt'j gt "f cwi j vgt 'Lq { eg. 'vj g'ugeqpf "ej kf "dqtp'kp'3; 770Vj g'f qwdrg'kp'vj g'r qgo 'ku'vj g'y q'uwlekf gu'tgrcvf " vq'vj g'dktvj "qh'j gt "f cwi j vgtu'kp'3; 75"cpf "3; 770Uj g'y cpvgf "q'nhmj' gtugrh "cu'uj g'gzz rckpu'kp'vj g'r qgo . " kp'qtf gt "q'gpf "vj g'xlekqwu'ekteng'qh'kpf khtgtpv'o qvj gt/f cwi j vgt'tgrcvkqpuj k'u.c'o qvj gt'y j q'igvj gt'i tqy " w' "gnngy j gtg'cpf "c'f cwi j vgt'y j q'y cu'dgeqo kpi 'kpetgculpi n' "crkcp'vq'Cppg0'

**Keywords:** "Co gtecp'ikgtcwtg. "f qwdrg'ko ci g. "ej kf "

Vj g'r qgo "ewo kpcvgu'cpf "tguqrgu'kp'vj g'ruu'ugpvpeg<öko cf g" { qw'vq'hkpf "o gö0'kp'vj ku'y c { . "Cppg" eqphguu'vj cv'uj g'pggf gf "j gt "f cwi j vgt'qpn' "v'ghrgv'j gtugrh0Dw'vj ku'f kf "pqv'dt'kpi "cp { "i qqf . "dgecwug" j kuxqt { "tgr gcw'kugrh0Vj g'o qvj gt "f qgup'w'wpf gtucpf "j gt "f cwi j vgt'cpf "ku'o qxkpi "cy c { "htqo "j gt. "cpf" qpn' "y ggngpf u'ctg'vj g'j cr r { "o qo gpw'qh'rhg'hqt' "vj g'f cwi j vgt'cpf "o qvj gt0"Vj cv'ku'y j { "vj g'cwj qt" y cpvgf "v'eqo o k'uwlekf g0Vj g'mqecv'kp'qh'vj g'r qtvtcku'kp'vj g'pqtvj "cpf "uqwj "eqwf "dg'cp'cwgo r'v'q" gt cug'vj g'i tggp'gxkiltqo "j gt'kppgt'öwi n' "cpi grö'y j q'y cu'dqj gt'kpi "j gt'cpf "vgnkpi "j gt'pqv'vq'hqti kxg'j gt" o qvj gt0Cppg"y cu'cuq" c" f cwi j vgt. "lwu'rhng' "Lq { eg. "uq" dgecwug'uj g'f kf "pqv'hqti kxg'j gt" o qvj gt. "Lq { eg" y qwf "pqv'dg"cdrg'v'hqti kxg'j gt" o qvj gt'hqt'f kncpeki "j gtugrh'htqo "j gt0Vj g'cmwukp'vq'F qtkcp'I tc { "ku" pqv'ceekf gpw'rh'htu'v'qh'cm'vj g'r tgugpeg'qh'c'r qtvtcku'ku'f qo kpcpv'kp'tgxg'ekpi "vj g'ko ci g'qh'ko ci gu'kp'vj g" r qgo <ökt'qv'qp"o { "y cu0F qtkcp'I tc { ö0Vj g'cwj qt "cuuqekv'gu'j gtugrh'y kj "F qtkcp'I tc { . "y j q'f k'f'htqo " j ku'qy p'r qtvtcku'htqo "j ku'f gukt'g'v'pgxgt'i tqy "qrf 0Dw'gxgp'vj qwi j "vj g'r qtvtcku'ci gf "kpu'gcf "qh'j ko . "k' f kf p)h'kz "vj g'ukw'v'kp0F qtkcp'eqwf "pqv'vqrgtcv'g'o ku'w'p'f gtucpf kpi u'cpf "vj g'tgr g'k'k'kp'qh'vj g'tgrcvkqpuj k' "dgy ggp" o qvj gt'cpf "f cwi j vgt0Cppg'mxgf "j gt "f cwi j vgt'f gctn' . "dw'uj g'eqwf "pqv'hqti kxg' "Lq { eg'hqt'j gt'ej kf rhng" pckxgv' "cpf "ukpegtk'0K'ecp'dg'uckf "vj cv'F qtkcp'eqo o kwgf "uwlekf g'cu'y gm'lwu'rhng'Ugz vq'p0"Vj wu. "dqj " r qtvtcku'<Ugz vq'p'u'cpf "j gt" o qvj gt'u'ctg'vj g'uco g'dgecwug'vj g' { "y kn'pqv'ej cpi g. "cpf "cuq" dgecwug'qpg'qh' vj go "uj qy u'cp'qrf "y qo cp'u'tgugo dr'pep'vq'vj g'r qgv. "i kxkpi "j gt "cp"öko ci g'qh'vj g'F qtkcp'I Tg { ö"vj cv" cr r gctu'kp'vj g'ko ci g'qh'j gt'hw'wt'g0Uj g'f qgu'pqv'ugg'j gtugrh'ecr cdrg'qh'vj g'nh'kf "qh'rh'xg'j gt "f cwi j vgt'ecp" i kxg0'

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ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### GENRE AND THEMATIC FEATURES OF CHINESE MEDIEVAL SHI AND QI

Karolina Bilous

Qrgu'J qpej ct 'Fpkr tq'Pcvkqpcn'Wpkxgt ukš. 'Hcewn' qh'Wmt c'kpkp'cpf 'Hqt gli p'Rj kqrqi { 'cpf 'Ct u. 'Fpkr tq. 'Wmt c'kpg

QTEK: 'K < j wru'ltq t'f Qti D222/2224/58; 2/782: "

#### ABSTRACT

Vj g'f gxgnr o gpv'qh'Ej kpgug'rkgtct { 'i gptgu'ku'nti gn' c'uvqt { 'qh'f kuqek'v'kq'cpf 'k'v'gi t'v'kq'OS k'cpf 'uj k' j cxg'dggp'emugn' 'cny c' u't'gr'v'gf. 'cv'qpg'v'o g'ugr c'tev'gf 'cpf 'cv'cp'v'j gt'o gti gf 0C'dt'kgh'q'xgt'x'gy 'qh'v'j g' f kuqek'v'kq'cpf 'k'v'gi t'v'kq'qh's k'cpf 'uj k'ecp'dg'f k'kf gf 'k'v'q'hw'r' g'tk'qf u'<3+lt'qo 'v'j g'g'ctn' 'v'q' o k'f /n'v'g' V'cpi 'F {pcu'v' \*唐朝. '83: /; 29'EG0+: 'y j gp's k'y cu'f g'tk'x'gf 'lt'qo 'uj k'cpf 'v'j g't'g'y cu'p'q'f k'h'gt'g'peg'd'gy ggp' v'j go =4+'v'j g'r'v'g'V'cpi 'F {pcu'v' 'cpf 'v'j g'h'q'm'y k'pi 'H'k'x'g'F {pcu'v'ku' \*五代.; 29/; 82+: 'f' w'k'pi 'y j k'ej 's' k'y cu' ugr c'tev'gf 'lt'qo 'uj k'5+'v'j g'P'qt'v'j g't'p'U'q'pi 'F {pcu'v' \*北宋 . ; 82/3349+: 'y j gp's k'f gxgnr gf 'cpf 'w'p'f g'ty gp'v' c'v'cp'uh'to c'v'k'q'p'cpf 'k'p'k'c'n'k'p'eq't'r q't'c'v'k'q'p'k'v'q'uj k'c'p'f "6+'v'j g'U'q'w'j g't'p'U'q'pi 'F {pcu'v' \*南宋 . 3349/ 349; +: 'y j gp's k'f gxgnr gf 'cpf 'w'p'f g'ty gp'v'c'v'cp'uh'to c'v'k'q'p. 'k'g'0'y j gp's k'y cu'e'q'o r'ng'v'n' 'v'c'p'uh't'g'f 'k'v'q' u'j k'x'r' q'gt { +: 'v'j g'v'y q'i g'p't'gu'y g't'g'e'q'o r'ng'v'n' 'o' g'ti gf 0'

**Keywords:** 'o' gf k'x'c'n'k'k'g't'c'w't'g. 'Ej k'p'g'ug'i g'p't'gu. 'j k'v'qt { 'qh'q't'ki k'p'

H'q'o 'c'd'q'w'v'j g'v'j k'f 'e'g'p'w't { 'q'p'y c't'f u.'h'q't'c'm' q'u'v'c'v'j q'w'c'p'f { 'g'c'tu.'uj 'r' q'g'o u'd'g'eco g'v'j g'h'g'c'f k'pi 'r' q'g'v'e' i g'p't'g'0'V'j g'y q't'f 'uj k'q't'ki k'p'c'm'f. 'o' c'p'f 'q'h'g'p'v'v'g't. 'o' g'c'p'v'r' q'g't { 'k'p'i g'p'g't'c'n'0'Cu'c'i g'p't'g. 'uj k'r' q'g'o u'j c'x'g'v'j g' h'q'm'y k'pi 'h'g'c'w't'g'u'<'g'x'g'p'n' 'ur' c'eg'f 'r'k'p'g'u' \*h'k'x'g'/'c'p'f 'u'g'x'g'p/u'f m'c'd'ng' 'r'k'p'g'u'c't'g'o q't'g'e'q'o o q'p'w'p'ri'k'g'f " p'w'o d'g't' 'q'h' 'r'k'p'g'u'lt'q'o "h'q'w'v'q' o c'p'f { 'f' q'l' g'p'v'j g'r' t'g'ug'peg' q'h' 'u'g'o c'p'v'e' 'c'p'f "i' t'c'o o c'v'k'c'n' 'r' c't'c'm'g'u' 'k'p' c'f l'c'eg'p'v'k'p'g'u' =c'f j g't'g'peg'v'q' v'j g't'w'g'u'q'h'c'n'g't'p'c'v'k'pi "o' w'k'c'n' 'v'q'p'g'u'c'p'f "t'j { o' k'pi "g'p'f k'pi u'0'V'j g'ug' 't'w'g'u' y g't'g'p'q'v'c'u'v'w't'k'v'k'p'g'c't'n' 'uj k'j 'r' q'g'o u'c'u'v'j g'f 'y g't'g'k'p'v'j g'V'c'p'i \*83: /; 29+'g't'c. 'v'j g'v'i q'f g'p'c'i g'o'q'h'l'r' q'g't { 0' k'p'o' q'u'v'c'ug'u.'uj k'j 'e'q'p'uk'ng'f 'q'h' 'r'k'p'g'u'y k'j 'v'j g'v'c'o g'p'w'o d'g't' 'q'h' 'u'f m'c'd'ng'f/h'q'w't. 'h'k'x'g. 'q't' 'u'g'x'g'p. 'd'w'p'q'v'k'z'0' C' 'h'q'to "q'h' 'r' q'g't { 'y k'j "r'k'p'g'u'q'h'x'c't { k'pi "r'g'p'i v'j u'd'g'eco g'r' q'r' w'c't'f' w'k'pi "v'j g'U'q'pi "F {pcu'v' \*32v'j /35v'j " e'g'p'w't'k'g'u'0'C'v'v'j k'u'v'o g.'s' k' \*i'c'v' +r' q'g't { 'd'g'eco g'v'j g'o' c'k'p'i g'p't'g'q'h'l'r' q'g't { 0'k'k'u'c'i' g'p't'g'q'h' 'e'c'u'k'c'n' 'Ej k'p'g'ug' r' q'g't { 'v'j c'v'go g'ti gf "k'p'v'j g'g'k'i j v'j 'e'g'p'w't { 'q'p'v'j g'd'c'uk'u'q'h' 'h'q'm'i'v'q'pi y t'k'k'pi 0'S k'y cu'q't'ki k'p'c'm'f 'e't'g'c'v'gf 'cu' v'j g'v'g'z'v'q'h'c' 't'q'o c'p'v'e' 'u'q'pi "v'q'c' 'ur' g'ek'h'e' "o' g'ng'f { . 'q'h'g'p' 'r' g't'h'q'to gf 'y k'j "o' w'k'c'n' 'c'ee'q'o r' c'p'k'o g'p'v'0'V'j g' o' g'ng'f { 'f' g'v'g'to k'p'g'u'v'j g'r' q'g'v'e' 'x'q'n'w'o g'q'h'v'j g'y q't'm'v'j g'p'w'o d'g't' 'q'h' 'r'k'p'g'u. 'v'j g'p'w'o d'g't' 'q'h' 'y q't'f u' \*e'j c't'c'ev'g'tu' " k'p'g'c'ej "r'k'p'g. 'c'p'f "v'j g'r' t'g'ug'peg'q'h' 't'g'r' g'v'k'k'q'p'u'c'p'f "e'm'q'w't'g'u'k'p'v'j g'y q't'n'0'V'j g'f "c't'g'w'w'c'm'f "f' k'k'f gf "k'v'q' u'c'p'l' cu'c'p'f 't'j { o' g'u'0'R'q'g't { 'k'p'v'j g's' k'i' g'p't'g. 'cu'v' g'm'c'u'y q't'm'v'j g'g'v'c'u'k'c'n'f { w'g'h'w'i' g'p't'g. 'y j k'ej "f' g't'k'x'g' " H'q'o "h'q'm'i'v'q'pi u.'c'p'f 'v'j g'uj k' \*i'c'v' +r' q'g'v'e' "i' g'p't'g. 'y g't'g'r' g't'h'q'to gf "y k'j "o' w'k'c'n' 'c'ee'q'o r' c'p'k'o g'p'v'0'S k' \*i'c'v' +r' q'g't { "j' cu'g'z'k'ng'f "k'p' 'Ej k'p'c' 'u'k'peg'v'j g'V'c'p'i "F {pcu'v' \*83: /; 29+: 'd'w'k'v't'g'c'ej gf "k'u'i' t'g'c'v'g'u'f' g'x'g'n'r' o' g'p'v' k'p'v'j g'U'q'pi "F {pcu'v' \*; 82/349; +0'

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TÜRKİYE SOSYAL SİGORTALAR SİSTEMİNDE BİR SORUN OLARAK SAHTE HİZMET KAZANDIRILMASI\* PROVIDING FALSE INSURANCE AS A PROBLEM IN THE SOCIAL INSURANCE SYSTEM OF TURKEY

Selahattin KOÇYIĞIT<sup>1\*</sup>

<sup>1</sup>Uqu{cn'l Āxgprknl'F gpvo gpk "Uqu{cn'l Āxgprknl' n'O Āf Ān Ā Ā.'O w r" QTEK "P q<222;/2225/7; 38/5376"

#### ÖZET

Uqu{cn'l Āxgprk lp"gp"ner uc{.e,"{qmw"uqu{cn'uki qtverctf,t0'Uqu{cn'uki qtverct."dktg{rgtkp"net , "net ,{c" nercdkgegmgtk'uqu{cn'tkumgt'xg'dwt'kumgtk'p'upwæct,p,"vgrhk'gvo gni'co ce,{r'i grk'i Āxgpeguk'uc r{cp" xg'dktg{rgtkhqtwo c'cn,pc'cnp'dkt'ukugo f kt0Uqu{cn'uki qtverct'ukugo klp'k r{g{k kpf g'dktg{rgt."k rvo grgt" xg{c"f k gt"nguko rgt"vctch,pf cp"j cmu,|"nē| cp,o "uc rco cn'co ce,{r"i gt±gmng vktkpp"±g kvk'g{rgo rgt" pgf gpk'rg"uqtwpct'qmw o cmcf,t0'Dw'uqtwpct'ctcu,pf c'±qnc'i ¾ Āgp"i{c{i ,p"uqtwp'qrctcn'ucj vg"j k o gv' nē| cpf ,t,m cu,"net ,o ,| c"±,nō cmcf ,t0'Ucj vg"uki qtvenn'm'pc{mp"uki qtvenn'm'xg"i g±gtuk' "uki qvc"i kdk' nēxteo nēr'cf rcpf ,t,rp'ucj vg"j k o gv'nē| cpf ,t,m cu,"uqtwpw' "uqu{cn'uki qtverct'ukugo kpk±qm'dq{wnw'dkt" gni'f g'gnkgo gmgf kt0"

Ucj vg"j k o gv' nē| cpf ,t,m cu,"uki qtvenn'm'u,hv,"uqpc"gtgp" xg{c" ±cn cten' uqu{cn'uki qvc" nēr uco .pc" i ktgo g{gp'dktg{rgtkp."j k o gv'¾ rg o gukp'f c{cn'xg'hkk'qrctcn'k {gtkpf g'±cn, o c{cpct,p'±cn ,{qto w " i kdk' ¾vgtkno g'f wto w'qrctcn'k'cf g'gf kno gmgf kt0¾ h'npwuw'ucj vg"j k o gv'nē| cpf ,t,m cu,pf c'dktg{rgtkp" uqu{cn'uki qvc"j cmct,pf cp."nē{pcn' {ctf ,o rct,pf cp'xg" f k gt" c{t,ecnmctf cp"hc{f c'cpo cni' kdk'j cmu,|" nē| cp,o rct,"grf g" gvo gni'co ce,{r"uki qtvenn'm'u,hv,p,"nē| cpo cmcf ,trct0' Dw'wp' r' dkt'kmg" dktg{rgtkp" nk kugn" gnppqo km" vqr nwo ucn"m'Ān'Ā'gr'xg"j wnwk'pgf gprgt"i kdk'f q t'wf cp'xg{c" f qrc{n"ugdgr rgtf gp" nē{pcn,"ucj vg"j k o gv' nē| cpf ,t,m c" f wto wpw'vteky "gwkmgtk'i ¾ Āno gmgf kt0' Dw'ugdgr rgt"ctcu,pf c" ¾ gni'kmg'go gni'k'k" {c n'ni'xg'uc n'ni'j k o gv'gt'k'uki qtverct,pf cp'hc{f c'cpo c'kug k'¾p'r rpe'±,nō cmcf ,t0' C{t,ec'nēo w'hw'wo rct,pf c'±cn cpct'k'kp" g' f wto wpc'dc n'vc{kp'kugo g."gpi gni'k'ni'xgti k'kpf kt ko kpf gp" {ctct'cpo c."f c'j c'hc' n'go gni'c'c{n , "cm c."cpcn'ni'¾ gpg k'dcpnē"ntgf k'k'±gn'gd'kno gni' kdk'u,t'c'p'cd'kt0' Dw'dc rco f c" dktg{rgtkp"dcj ug"n'p'w'qrct"j cmu,|"nē| cp,o rct,"muc"xcf grk'xg{c" w' wp'xcf grk'uki qvc" n'q'net,pf cp'vgo kp'gvo gni'k'kp"ucj vg"j k o gv'nē| cpf ,t,m c" {q'npw'vteky "gvo gmgf kt'rgt0'Uqu{cn'uki qtverct" ukugo kpg'w'i wp'qm c{cp."Ā'Āpe'Ā'nk rgt'xg'nēo w'hw'wo wpw'cf cvo c{c" {¾p'grk'ni' gt±gmng gp'dw'f wto ." k xgtgp"kg"uki qtvenn,p"net ,n'm'xg{c" vgn'vctch,p"±,net,p,"uc rco cn'co ce,{r" f c"i gt±gmng o gmgf kt0' F qrc{u,{r" r gni' ±qm' nē{pcmcp"dgurgpp"ucj vg"j k o gv' nē| cpf ,t,m cu,"qri wuw' r gni' ±qm' nē{pc , "f c" dgurgo gmgf kt0"

VĀn'k' g'f g'422: "{,n'pf c" {Ā'Ān'Ā' g'i ktgp'7732'uc{ ,n'Uqu{cn'uki qtverct'xg'I gpgn'Uc n'm'uki qtveu,'Mcpwpw' nēr uco ,pf c'uki qtven'±cn cp'dktg{rgt."vgn'±cv,"cn,pf c'vqr rcpctcn' qtwpnw'uki qtven'qrctcn'hd'w'igf kno k vkt0' Dw'pc"i ¾g"Mc'p'wp'w'60'xg"70'o cf f grgt'kpf g"i qtwpnw'uki qtve" nēr uco .pc"i ktgprgt"ucv'Ā'f wto wpc"i ¾g" f Ā' gprgo k vkt0'Dcj ug"n'p'w'qrct"dw'f Ā' gprgo g" {cp,pf c'ucj vg"j k o gv'nē| cpf ,t,m cu,"f k gt'dkt'k'cf g{rg" i g±gtuk' "uki qvc" k'k' nk'ul'kp"¾p'Ā'p'g"i g±o gni'co ce,{r" {cr ,rp"j wnwk'f Ā' gprgo grgt"dw'p'o cmcf ,t0'Dw' dc rco f c" ±cn, o cp,p'co ce,."VĀn'k' g'f g'ni'k' uqu{cn'uki qtverct" ukugo kpf g'gp" {c{i ,p"uqtwp'qrct"ucj vg" j k o gv' nē| cpf ,t,m cu," qri wuw'w' f g'kt'p'go gukp'g" xg" nēr uco n" dkt" gni'k'f g' f g' gtr'p'f kt o g{k' co c±rco cmcf ,t0'C{t,ec"i Ā'p"i g±k'k'g" {c{i ,p'rc cp"dw'f wto wp"¾p'Ā'p'g"i g±o gni'xg"uqu{cn'uki qtverct"

\*"Dw'±cn, o c."4243" {,n'pf c'w'p'w'p'p'v'VĀn'k' g'f g'Uqu{cn'uki qtverct"Ukugo kpf g'Dq'cpf , , "G'rg'Dkt'kmg"i c'co c'xg" Ucj vg"j k o gv'Mē| cpf ,t,m cu,"Qri wrct,ō'dc n'm,{ Ā'm'ni'k'ucpu'vg' ko f gni'k'dkt'd'¾'Āo' Ā'p"i ¾ f gp"i g±kt'kno k'xg" {gpk'p'o k'j crk'kt0"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

ukugo kpk'n4A'g"mwmpo co cni'co ce, {r"pg"vA" f A' gprgo grtkp" {cr ,m cu, "i gtgmk kpk'qtvc {c"nq {o cu, " dcmo ,pf cp"nvm"uc r {cecm,t0Dw'ner uco f c"±cn, o cf c"dgrk vrgp"co cec"w{i vp"egxcr rct"dwno cnlk+kp" pkgn'ctc vto c" {3pvggo rgtk"dk'kqrctcnif qmAo cp"cpck k' {3pvggo k'hwmp,recm,t0"

**Anahtar Kelimeler:** "Uqu{cn'i A'xgprkm"uqu{cn'uki qtvc."uqu{cn'uki qtvcrt"ukugo k"ucj vg"j k o gv"ucj vg" uki qtvc+. "ucj vg"j k o gv'nc| cpf ,t,m cu,0"

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HİLE DENETİMİNDE KULLANILAN MAKİNE ÖĞRENMESİ ALGORİTMALARI  
MACHINE LEARNING ALGORITHMS USED IN FRAUD AUDITING

Öğr. Gör. Dr. Demet EVER

Quo anıye Korkut Ata Üniversitesi"

QTEK 2222/2224/; 9; 2/578; "

ÖZET

Günümüzde işletmelerin sayısı xg karmaşıklığı arttıkça, finansal hileleri tespit etmek daha güç hale i grn gmgf k00 akine öğrenme teknikleri, muhasebe verilerindeki hileleri tespit etmek için başarıyla uygulanmaktadır. Yapılan araştırmalar, hile denetimi alanında makine öğrenme uygulamaları literatürde yaygın bir şekilde kullanıldığını göstermektedir. Böylelikle hile denetimi alanında kullanılan makine öğrenme algoritmalarının önem arz etmektedir. Bu nedenle bu çalışmanın amacı, j krg'f gpgko kpf g'yaygın qmctn'ınwlanılan mcnkpg"öğrenme algoritmalarını tespit etmek ve bunların hile denetimine sağladığı katkıları ortaya koymaktır. Bu kapsamda, literatürde en çok kullanılan makine öğrenme algoritmaları T/Uwf kq programı aracılığı ile bibliyometrik analiz yöntemi ile tespit edilmiştir. Ardından, içerik analizi yöntemiyle makine öğrenme algoritmalarının hile denetimine sağladığı faydalar ortaya konulmuştur. Web of Science veritabanı, araştırmanın kapsamını oluşturmaktadır. Araştırmamız sonuçlarına göre; *Derin Öğrenme, Destek Vektör Makinesi, Pckxg Dc { gu. Tcwi grg Qto cp. NqlkknIT gi t guf qp. TWUDqqm. ZI Dqqm. CfcDqqm. Gradyan Artırım, Karar Ağacı, Dggvrg Cpvppcg Ugctej \*DCU i kdk o cnkpg* öğrenmesi algoritmalarının hile denetiminde kullanıldığı tespit edilmiştir. Dw'cni qtko crct. j krgt kq tespitinde denetime iç kontrolün etkinliği, kalite, hız, verimlilik, maliyet yönünden faydalar sağlamaktadır. Çalışma, araştırmacılara hile denetiminde en çok kullanılan makine öğrenme algoritmalarının tespiti ve hile denetiminde neden makine öğrenme doğru evrildiği konusunda öngörüler sağlayarak literatüre katkıda bulunmaktadır.

**Keywords:** Hile denetimi, Makine Öğrenmesi. T/Uwf kq0

ABSTRACT

Cu'y g'pwo dgt'cpf'eqo r ngzkf'qh'dwukpguugu'kpetgcug'vqf c { .k'dgeqo gu'b qtg'f khlkwn'vq'f gvevhkpcpekcn' Htcwf 0'0 cej kpg'ngctpkpi "o gj qf u"j cxg"dggp'ghgevxgnf "cr r rkgf "vq" f gvev'htcwf "kp" ceeqwpkpi "f cvc0' Tgugctej "uj qy u'vj cv'o cej kpg'ngctpkpi "ku'gz vpuksgnf "cr r rkgf "kp'vj g'hrnf "qh'htcwf "cwf kkpı 0'Vj gtghqtg. 'k' ku'ko r qtcvp'vq'kf g'p'khf "vj g'o cej kpg'ngctpkpi "cni qtkj o u'vj cv'ctg"cr r rkgf "kp'htcwf "cwf kkpı 0'J gpeg"vj g' cko "qh"vj ku'uwf { "ku"vq" f gvgto kpg"vj g'o cej kpg'ngctpkpi "cni qtkj o u'vj cv'ctg"htgs wgpvaf "wugf "kp'htcwf "cwf kkpı "cpf "vq" j k j nk j v'vj gk" eqpvtkdwkpu" vq" vj g'hrnf 0'kp" vj ku'eqpvzv."htgs wgpvaf "wugf "o cej kpg' ngctpkpi "cni qtkj o u'kp"vj g'ngtctwtg"y gtg'f gvgto kpgf "d { "vj g'dkdkqo g'vke"cpn'uku'o gj qf "vj tqwi j "T/ Uwf kq'uqhy ctg0'Vj gp. "vj g'dgpgkhu"qh'o cej kpg'ngctpkpi "cni qtkj o u'vq'htcwf "cwf kkpı "y gtg'tgxgergf "d { " vj g'eqpvpcpn'uku'o gj qf 0'Vj g'Y gd'qh'Uelgpeg'f cvdcug'eqpukwgu'vj g'eqpvv'qh'vj g'tgugctej 0'Dcuqf " qp'vj g'tguwnu'qh'vj g'tgugctej .k'y cu'f gvgto kpgf "vj cv'o cej kpg'ngctpkpi "cni qtkj o u'htcwf "cu'F ggr'Ngctpkpi . " Uwr rqtv' Xgevqt " O cej kpg" \*UXO + " Pckxg" Dc { gu. " Tcpf qo " Hqt gu. " Nqi kake" Tgi t gukqp. " TWUDqqm. " ZI Dqqm. " CfcDqqm. " T tcf { cp"Dqqmkpi . " F gekkqp " Vt gg. " cpf " Dggvrg " Cpvppcg " Ugctej " \*DCU " y gtg'wugf " kp" Htcwf " cwf kkpı 0' Vj gug" cni qtkj o u' r tqxkf g' dgpghku" vq" vj g' cwf k' kp" vto u' qh' kpgtpecn' eqpvqnl' ghgevxgpguu. 's wrkaf. 'ur ggf. 'ghhkegpe { . 'cpf " equv'kp'f gvev'kpı " Htcwf 0'Vj g'uwf { " cf xcegu'vj g'ngtctwtg" d { " qhgtkpi "tgugctej gtu'kpuki j u'kp'vq"vj g'kf g'p'k'ecv'kp"qh"vj g'o quv'htgs wgpvaf "wugf "o cej kpg'ngctpkpi " cni qtkj o u'kp'htcwf "cwf kkpı "cpf "y j { "htcwf "cwf kkpı "ku'gxqrkpi "vqy ctf u'o cej kpg'ngctpkpi 0'

**Keywords:** Htcwf "Cwf kkpı . 'O cej kpg'ngctpkpi . T/Uwf kq0

# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## YEREL BASINA GÖRE ADANA'DA ZEYTİNCİLİK (1935-1970)" OLIVE FARMING IN ADANA ACCORDING TO THE LOCAL PRESS (1935-1970)

Özgür ÖZDEMİR<sup>1</sup>

<sup>3</sup>[ *AmgüniNucpu*" t gpekik 'Quo cpk'g'Mqt mw'Cvc 'Opkxgt ukxguk 'NucpuÄuÄ'G kko 'GpukÄuÄ 'Vct kj " Cpcdkko 'F cn.'Quo cpk'gIV©TM [ G"

<sup>3</sup>QTEKF 'KF <j wru<1qtekf Qti D222/2224/9368/789; "

Ümmügülüm CANDEĞER<sup>2</sup>"

<sup>4</sup>'F q±OF t0'©pkxgt ukxg.'Quo cpk'g'Mqt mw'Cvc 'Opkxgt ukxguk " pucp'xg'Vqr mw 'Dkko rgt k'HcnÄnguk 'Vct kj " D³/4Äo Ä 'Quo cpk'gIV©TM [ G"

<sup>4</sup>QTEKF 'KF <j wru<1qtekf Qti D222/2224/8939/; 533"

### ÖZET

Cnf gpk 'kmo kp'ugo dqrldknkrtkpf gp' g{ vlp.'vctkj ugrüÄt g±vg'dgt gngvlp'dqmw wp'dct, ,p'uko i guk'qrctcn' dkrko gmgf k0'Cnf gpk 'kmo "mw c ,pf c"j gt "knk' {ct,o "mÄgf g"52Ä'ó"62Ä'gprgo rgtkpf g" {gk gp" | g{ vlp" c ce,pc"kk nk"o gxew'gp" gunk'xgtk'k'Gi gdf gnk'Ucpvqt'kp'k' Cf cu,øf c" {cr ,ncp"ctngqmqkn'±cn o crctf c" qtv{c"±,net,ncp"5; "dkp" { ,mnl' | g{ vlp" hqukngt'k'qmw wto w wt0'Hcnv' n³/4Ä"vctkj vgp" f g" gunk'qrct" | g{ vlp" c ce,p,p'cpcxcvp,p,p'co "qrctcm'p'gt'guk'qrf w w'nqpwuwpf c"ctngqdq'vcpkn'kngt.'vctkj ±kgt "xg"ctngqmqi rct" ctcu,pf c'dk' hknk'dktrk k'dwmpo co cmcf ,t0'

\ g{ vlpk'p."cu,n' {wfw'wpw" Cpcf qnw'wpw" ±g kirk' d³/4i grgtkpf g."³/4pg kp"i Äpg{f g"Cnf gpk' øf g" Vqtqrct,p" gvgmgtkpf g."Cpvcn{c." ±gn'xg"Cf cpc"dcv,f c"O w r'xg"Cf {f ,p'¥kpg'øf g'ngpf k'ngpf kpg" {gk gp'xg"±q crcp" {cdcpk' | g{ vlp" c c±ct,." | o k'¥g o gdf g'xg'f c j c"mw' g{f g'¥cpcmcrg."Dcnnguk'xg"Dwt ucø{c"ncf ct" {gt" {gt" ngpf kpk' i ³/4rto guk' | g{ vlp" c ce,p,p" cpc {wfw'wpw" i ÄpÄo Ä " VÄtnk' gük' qrcdkreg k' f Ä Äpegukp' f guvgmgo gmgf k0'

Dw'±cn o cf c"Ug{j cp"P gj tk'xg" Eg{j cp"P gj tk'lpk' uÄÄ Ämgf k k'dgt gngvlp'vqr tcmct "±gxt gukpf g' nwt wrcp" Cnf gpk' øp" ugo dqn' ngp'vgtkpf gp" Cf cpc" gj tkpf g." | g{ vlp'ekn' hccrk' gwgtk' kpegrgo k vto' 3; 57/3; 92" { ,net,p, ,ner uc {cp'dw'tc vto cf c" {gtgn' Cf cpc" i c| gvgngtkpf gp" | gpk' Cf cpc."Dwi Äp'xg'F go qntcv' Cf cpc" i c| gvgngtkpf g' Cf cpc" | g{ vlp'ekrk k' krg" ki k'k' dcu,pc" {cpu, {cp" j cdgtrgt" pkgn'ctc vto c" {³/4vgo rgtkpf gp" vctco c" {qmw' r'grf g'gf krg'xgtkgt' f qnÄo cp' lpegrgo g" {³/4vgo kpg' i ³/4g'grg'cnpo , vtoC {t.ec' | " M'vlg' f g" {cr ,ncp"ctc vto c"uqpwuwpf c" | g{ vlp'ngrk guk'krg'ki k'k'3499'vlg' ±cn o cu," {cr ,m , "qmw 'vctkj 'dkko kpf gp" Cf cpc'øf c" | g{ vlp" {gk vtlekk k'krg'ki k'k'j gtj cpi k'dk'vlg' ±cn o cu," {cr ,m co , vtoD³/4rgeg" {c| ,p'crp,pf c" xct'qrf w wf Ä ÄpÄng'p'dq nwmct' f qrf wtw c {c'±cn , rctcm'k'g'ctvÄt g'hvnm'uc rco cnlj gf hrgpo k vto'

Anahtar kelimeler:\ g{ vlp." | gpk' Cf cpc."F go qntcv' Cf cpc."Dwi Äp0'

### ABSTRACT

Vj g'qrkxg."qpg'qh'yj g'u{o dqrk'r rcpw'qh'yj g'O gf kgttcpgep"erko cvg."j cu'j kvqtkcm{ "dggp'npqy p"cu" c" u{o dqn'qh'cdwfp cpeg"cpf "r cgeç0'Vj g'qrf guv'cxckrdrg" f cvc"qp" yj g'qrkxg"vtgg."y j lej "i tqy u'lp"dqy " j go kur j gtgu'qh'yj g'O gf kgttcpgep"erko cvg" | qpg'cv'rvkwf gu"52Ä'cpf "62Ä"ku'yj g'5; "yj quucpf / {gct/qrf " qrkxg'hquuku'wpgety gf 'lp'ctej cgqmqi kcn'uwf kgu'qp'Ucpvqt'kp'k'k' Cp'f 'lp'yj g'Cgi gcp'Ugc0J qy gxgt.'yj gtg' ku'pq"eqpugpuwu"co qpi "ctej cgqdq'vcpkuu."j kvqtkcpu."cpf "ctej cgqmqi kuw'qp"yj g'gzcev'j qo grp'f "qh'yj g' qrkxg'vtgg."y j qug'tqqw'ctg'qrf gt'yj cp'j kvqtk {0'

Vj g'hcv'yj cv'qtiki kpcnj qo grp'f "qh'yj g'qrkxg'vtgg'ecp'dg'hqwpf 'lp'xctk'qwu'tgi kpu'qh' Cpvcnrk."lwej 'cu'yj g' hqy'j kmi'qh'yj g'Vcwtwu'O qwp'vcpu'lp'yj g'O gf kgttcpgep'lp'yj g'uqwj ."Cpvcn{c'cpf " ±gn' Cf cpc."O w r'lp"

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Yig'ly guw."C{f,p'¥ kpg." | o kt'¥ g o g"cpf "hwt yj gt"pqt yj "lp'¥ cpcmæng."Dcnngukt "cpf "Dwtuc."uwr r qtvu"yj g" kf gc'yj cv'yj g'j qo grcpf "qh'yj g"qrxg"tgg"o c{ "dg'r tgugpvf c{ "Vwtng{0

Kp"yj ku'uwwf {. "qrxg'hcto kpi "cevxkkgu'lp"Cf cpc."qpg'qh'yj g'u{o dqrlk"ekkgu'qh'yj g'O gf kgttcepgcp."y j lej " y cu" guxcdnkuj gf "ctqwpf" yj g" hgt vkg" rcpf u" f tclpgf "d{ "yj g"Ug{j cp"Tkxgt" cpf "yj g"Eg{j cp"Tkxgt."y gtg" cpcn{ | gf 0Kp"yj ku"tgugctej "eqxgtkpi "yj g"{gctu"3; 57/3; 92."yj g"mecn'pgy u"tghngewgf "kp"yj g"rtguu'cdqww" Cf cpc"qrxg"i tqy kpi "kp"mecn'Cf cpc"pgy ur cr gtu"[ gpk'Cf cpc."Dwi Åp."cpf "F go qntcv'Cf cpc"y gtg" gzco kpgf "ceeqt f kpi "vq" yj g"fqewo gpv'tgxkgy "o gyj qf."wukpi "s wcrkcvkxg"tgugctej "o gyj qf u"cpf "f cv" qdvckpgf "yj tqwi j "uecppkpi 0Kp"cf f kkpq."cu'c'tguwv'qh'yj g"tgugctej "eqpf wevgf 'kp'[ " M'vj guku."3499"yj guku" uwwf kgu"j cxg"dgpp"eqpf wevgf "qp" yj g"y qtf "qrxg."dw'pq" yj guku"uwwf {"j cu"dgpp"eqpf wevgf "qp"qrxg" ewmxcvkv'lp"Cf cpc'htqo "yj g'uekgpeg'qh'yj kuqt {0Vj wu."k'cklo u"vq"eqpvtkdwg"vq" yj g'rkgtcwtg'd{ 't{ kpi "vq" hmi'yj g'i cr u'yj cv'ctg'yj qwi j v'vq"gzku'lp"yj g'rkgtcwtg0

**Keywords:**"Qrxg."[ gpkCf cpc."F go qntcvCf cpc."Vqf c{0

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#### ORMAN MEKTEB-İ ÂLİSİ MECMUASI THE JOURNAL OF FOREST MEKTEB-İ ÂLİ

*Bayram Fuat YILDIRIM*

*Quo cpk'g'Mqt mw'Cvc '©pkxgt ukxguk 'Nuc pu'Aw'G kko 'Gpuk'Aw'Vct kj 'Cpcdkto 'F cn,'[ 'Anugni'Nucpu' .. t gpekuk 'Quo cpk'g'VOTM | G' QTEK' <2222/2223/9637/: 6: 4"*

*Doç. Dr. Ümmügülsüm CANDEĞER*

*Quo cpk'g'Mqt mw'Cvc '©pkxgt ukxguk " pucp'xg'Vqr mw 'Dkto rgt k'Hcn'Aw'guk 'Vct kj 'D'Aw'Aw' 'Quo cpk'g'l' VOTM | G' QTEK' <2222/2224/8939/; 533"*

#### ÖZET

Quo cpn" F gxrgvk'pf g" dc n{cp { gpk'km' j ctgnv'vgt'kp'f gp" gmk'kg'gp" nupw'rt" ctcu, pf c" qto cpe, nni' f c" dw'wpo cme { f, 0'Quo cpn "F gxrgvk'pf g" kug" dw'c'wp'f c" { cr, n'p' km'±cn o c "H'cpu, | nct, p" qto cp "n'epw'pf cp" ±gxtk'k k v'03: 49" { ,npf c "H'cpu' c' 447" o cf f gr'km' qto cp "n'epw'p'j c| , t'rcpo , v't0'Quo cpn "F gxrgvk'pf g" 3: 62" { ,npf c "44" o cf f gr'km' Qto cp "Nc { kj c" j c| , t'rcpo , v't0'J go gp "ctf, pf cp" { k'p'g" 3: 62" { ,npf c "V'lect'gv' P g| ct'g'k' d'Aw' { g'ul'p'f g" qto cpe, nni' k'g" ki k'k' km' n'w'w "q'rcp" Qto cp "o Aw' Aw'Aw' Aw' n'w'w w w't0' C'pecn' d'w' m'w'w "3: 63" { ,npf c "n'er cv, m , v't03: 7: " { ,n'p'c' i gr'kp'f k' kp'f g'ö' C'tc| k'M'cpw'ppco g'ukö" { c { ,p'rcpo , "ctf, pf cp" i g±gp'qp" { ,n'k'p'f g'f g'ö' Qto cp "Wo wo "O Aw' Aw'Aw' Aw' n'w'w w w't0'Quo cpn "F gxrgvk'pf g" qto c'p'rt' k'g' ki k'k' gp" n'er uc { ,e, " { cuc" ±cn o cu, "q'rcp" ö'Qto cp "P k' co p'co g'ukö" kug" 3: 92" { ,npf c " ±, n'et, m , v't0' Qto cp " P k' co p'co g'uk' j c| , t'rcp, t'ng'p " H'cpu, | " o Aw' g'p'f k'ug' t'f gp" { ctf, o " cnpo , v't0' D'wp'w' gp" 3'p'go r'k' p'g'f gp'k' Quo cpn "F gxrgvk'pf g" qto c'p'rt' k'g' ki k'k' ±cn o c" { cr c'cni' { g'v't'rk'k'ng' nk k'gt "dw'wpo co cu, f, t0"

Qto cp "O gmgd'k'k'ug" 3: 7: " { ,npf c "n'w'w w 'xg" 3: 83" { ,npf c "k'm'b g| w'p'rt, p, 'xg'to k v'0' r'g'rt'g { gp' | co cp'f c" Qto cp "xg" O cf gp" o gmg' r'gt'k' d'k'rt'g v't'k'o k v't0' C'pecn' d'w'f w'w "w' wp' u'Aw' go k "xg" Qto cp "O gmgd'k' dw' u'gh't' f g" 3: ; 5" { ,npf c "J c'm'cn " k'ccv' O gmgd'k' k'g' d'k'rt'g v't'k'o k v't0' 3: 2; " { ,n'p'c' i gr'kp'f k' kp'f g' k'ug" Qto cp " O gmgd/ k'Ž'rik' n'w'w w w't0' Qto cp "O gmgd/ k'Ž'rik' 3555 " \*O k'rcf k' 3: 39+ " { ,npf c " Qto cp "O gmgd/ k'Ž'rik' O geo wcu, "cf, pf c" d'k' f g'ti k' ±, n'eto , v't0' O geo wcu "c { n'ni' q'rt'cni' { c { ,p'rcpo , v't0' O geo wcu, p' ±, n'et, m c" co ce, "qto c'p'rt' k'g' ki k'g'gp' k'puc'p'rt, "d'ki k'g'p'f k'to g'ng'f k'0' D'w' ±cn o cp, p' co ce, "Qto cp "O gmgd/ k'Ž'rik' O geo wcu, p'p' v'p, v'm cu, f, t0' Y'cn o c" { 3'p'go k'v'tco c'xg' f qm'Aw' cp "k'p'eg'rgo g" g'm'kp'f g" { cr, m , v't0"

**Anahtar Kelimeler** <Qto cp "O gmgd'k' O geo wcu. "qto cpe, nni'

#### ABSTRACT

Hqt'g'ut { 'y cu'cnuq' co qpi 'y g' uwdl'geu' ch'gevg'f "d { 'y g' k'pp'q'x'c'v'k'p' o q'xgo gp'u' y' c'v'uct'v'g'f 'k'p' y' g' Q'w'qo cp" Go r k'g'0' Vj g' h'kt'u'v'uwf { "k'p' y' k'u' h'g'f "k'p' y' g' Q'w'qo cp" Go r k'g' y' cu'v't'ep'ure'v'g'f "h'qo "H'g'p'ej "H'q't'g'u'v' N'cy 0' k'p' 3: 49. "c" 447/ct'v'erg' "H'q't'g'u'v' N'cy "y cu' r' t'gr' ct'gf "k'p' H'c'p'eg'0' k'p' 3: 62. "c" 44/ct'v'erg' "H'q't'g'u'v' F' t'ch' " \*Qto cp" Nc { kj cu, +y cu' r' t'gr' ct'gf "k'p' y' g' Q'w'qo cp" Go r k'g'0' k' o g'f k'c'v'n' { "ch'g'ty ctf. 'y g' "H'q't'g'u'v' F' k'g'ev'q'c'v'g. 'y g' h'kt'u'v' k'p'uk'w'k'q'p' t'g'rc'v'g'f "v'q' h'q't'g'ut { . 'y cu' g'u'cd'rkuj gf "y kj k'p' y' g' O k'p'k'ut { "q'h' V'tcf g' " \*V'lect'gv' P g| ct'g'k' k'p' 3: 620' J qy g'xgt. 'y k'u' k'p'uk'w'k'q'p' y' cu' e'm'ug'f "k'p' 3: 6303: 7: 'y g' ö' C'tc| k'M'cpw'ppco g'uk' N'cp'f 'E'q'f gö'y cu' r' w'd'rkuj gf " cp'f "y g' ö'l' g'p'g't'c'n' F' k'g'ev'q'c'v'g' q'h' "H'q't'g'ut { ö'y cu' g'u'cd'rkuj gf "y kj k'p' v'gp" { g'ct'u'0' Vj g' o qu'v'eqo r t'g'j g'p'uk'x'g' n'cy "uwf { "q'p' h'q't'g'u'v' k'p' y' g' Q'w'qo cp" Go r k'g' y' g' ö' H'q't'g'u'v' T' gi w'rc'v'k'p' / "Qto cp "P k' co p'co g'ukö. 'y cu' k'u'w'g'f " k'p' 3: 920' H'g'p'ej "g'p'i k'p'g'g't'u'y g't'g' c'u'k'ug'f "k'p' y' g' r' t'gr' ct'v'k'p' q'h' y' g' "H'q't'g'u'v' T' gi w'rc'v'k'p' 0' Vj g' b' qu'v'ko r q't' v'ep'v' t'g'cu'q'p' h'q't' y' k'u'y cu' y' g' r'c'n'q'h' s' w'rc'h'k'g'f "r' g'q' r'g' v'q' y' q't'm'q'p' h'q't'g'ut { "k'p' y' g' Q'w'qo cp" Go r k'g'0"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Vj g'Hqtguv'Uej qqn'y cu'hqwpf gf "kp"3: 7: "cpf "r tqf weg'f "ku'htuv'i tcf wcvu"kp"3: 830Ncvgt."yj g'Hqtguv'cpf " O klpri "Uej qqn'y gtg"eqo dlpf 0J qy gxgt."yj ku'ukwvqp" f kf "pqv'rcuv'rpri "cpf "yj g'Hqtguv'Uej qqn'y cu" eqo dlpf "y kj "yj g"J cmcn"Ci tlewwtcl"Uej qqn'kp"3: ; 50'kp"3; 2; . "yj g'Hqtguv'Uej qqn'y cu'hqwpf gf 0Vj g' Hqtguv'Uej qqn' r vdrkuj gf " yj g" Hqtguv'Uej qqn'Ž rku' Lqwtpcn' kp" 3555" \*3; 39" CF +0 Vj g" o ci c| kpg"y cu" r vdrkuj gf "o qpvj n( 0Vj g'r wtr qug'qh'yj g'b ci c| kpg'y cu'v'q'kphqto 'r gqr ng'kpvtgungf 'kp'hqtguv'0Vj g'r wtr qug' qh'yj ku'uwf { "ku'v'kpvtqf weg" yj g'Hqtguv'Uej qqn'Ž rku' Lqwtpcn' 0Vj g"uwf { "o gyj qf "y cu" uecppgf "cpf " yj g'f qewo gpv'gzco kpgf 0'

**Keywords:** "Hqtguv'Uej qqn' Lqwtpcn' hqtguv { "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CUMHURİYET HALK PARTİSİ (CHP) VİLAYET KONGRESİ ZABITLARI İŞİĞİNDA 1930'LARIN BAŞLARINDA CEBELİBEREKET

Dr. Öğr. Üyesi Çağlar TAN<sup>1</sup>

Quo cpk{g'Mqtmw'Cvc'©pkxgtukguk'Dkri k'xg'Dgri g'l' 3/pgvko kD3/4Ao Ā"

QTEKF <2222/2225/2873/: : 6Z"

#### ÖZET

Gtnp"Ewo j wt{k}gv'F 3/pgo k'vc tcu,pf c"EJ R'3/4i Āvgtkpeg"({ Ā Ā Āgp"gp"3/pgo nk'uk{cuk'hcck{k} gvtgf gp"dkk' xkr{gv'nqpi tgrgtk'k'0'Dgrik'ctcncmctc' r ctv'xkr{gv'3/4i Āvgtkpkp"dwmpf w w'vg nkrcvctec"vqr ncpo cu," dgmrgpp"nqpi tgrgt"vqr nwo ucn'vcrgr."dgmrgp'k'xg" krc{gvtgf"fkgn'no gncpk o cu,"xcu,ucu,{rc"j ĀmĀo gvg" krgvno gulpk'uc rc{cp'gp'gvnk'krgk ko 'hncpct,"qm w rctf ,t0Dk'dc nc'f g{k rg'vgnr ctv'k'k'ct,"dq{wpec" nqpi tgrgt'o go rgnv'gp"Āetc'n'4 gulpf gp'Cpntcø{c."j ĀmĀo gv'o gtnl' kpg'w' cpcp.'dw'dcmo f cp'o gtnl' " krg'±gxtg{k'dk'k'k'p'g'dc rc{cp'k'rgxugr'dk'gt'uk'cuc'no gncpk o c'qntcni'hcck{k} gv'i 3/vgtto k rgtf k'0'

Dk'p'k k'Ā' gtg"EJ R'matwrf wncp"j go gp"uqptc."{wv'k'k'p'g'vg nkrcvctec c'hcck{k} gvtgf"i k'k o k'v'0'Dw' hcck{k} gvtgf" pgv'egulpf g" EJ R'p'k'p"¥ wmwqxc" d'3/4i gulpf g" vg nkrcvctec , " qrf w w' xkr{gvtgf gp" dk'k' f g" Egdgrik'dgt gmv'qno w wt00 Āvncnk'ik'k'xkr{gv'qnw w'ug'dgd'k'rg'Egdgrik'dgt gmv'og'f g."3; 55" { ,npf c'cf cpcø{c" dc ncp,pec{c'f g kp."EJ R'xkr{gv'nqpi tgrgtk'p'vqr ncpf , "cprc ,m cmcf ,t0Dw'nqpi tgrgtg'k'k' nkp'r ctv'k' tguo k'nc{,vct,"kpegrgpf k'p'f g"lug."wrc ,ncdk'p'vgn'w'w'cpc ,p"3; 53" { ,npe'ck'qrf w w'dgrik'vno grk'k'0'32" O ctv'3; 53"vct'k'j k'p'f g"EJ R'I gpgn'Ugnt'gvt'k' k'p'g"i 3/pf gt'k'p'g'dw'w'w'cpcmc"dc v"Egdgrik'dgt gmv'o gtnl' " n'cu," qm cm' Ā' gtg" dc n' n'c" v' nkrcvctec,"f g'trgpp" r gni ±qm' vqr nwo ucn' vcrgr " xg" dgmrgp'k' {gt" cm cmcf ,t0'

Dw'ctc v'to cf c" dcj ugf k'p'g" xkr{gv'nqpi t'guk' | cr v," vgo grk'p'f g"Egdgrik'dgt gmv'v' xkr{gv'p'k'p"3; 52" { ,np,p" dc rct,pf cnk' uqu{q/" m'Āv'Āgn' xg' kmkucf k'xcl k'k'v'p'g' k'k' nkp' dk' f g' gtr'p'f k'0' g" { cr ,m cu," xg" d'3/4 rgeg" Quo cpk{g" gj k'vct'k'j k'k'g'v'Ā'Āgp'ncv'mf c'dw'w'p'w' cu,"j gf g'ngpo gmgf k'0'

**Anahtar Kelimeler:** Ewo j wt{k}gv'J cm' Rct'vuk' \*EJ R- "Egdgrik'dgt gmv." Xkr{gv'Mqpi t'guk" Quo cpk{g" ¥ wmwqxc0'

#### ABSTRACT

Qpg'qh'v'j g'o quv'ko r q'vcp'v'r q'rk'ec'ni'ce'v'k'k'kgu'ectt'k'f "q'w'd' { "TRR"qti cpk' cv'k'pu'k'p'v'j g'tw'cni'ct'gcu'qh'v'j g' Gctn' "Tgr w'ri'cep"Rgt'k'f "y cu'v'j g'r t'q'x'k'p'ec'ni'e'q'pi t'guugu'0'Vj g'e'q'pi t'guugu."y j lej "y g'tg"gzr gev'gf "v'q"dg" eq'px'g'p'f "cv'tgi w'ct "k'p'v't'xc'ni'd { "v'j g'r t'q'x'k'p'ec'ni'r ctv' "qti cpk' cv'k'pu."j cxg"dgeqo g'v'j g'o quv'gh'g'v'k'g" eqo o w'p'lec'v'k'p'ej c'p'p'gn'v'j cv'g'p'cd'ng'u'q'ec'ni'f go cp'f u."gzr gev'cv'k'pu'cp'f'eqo r nk'p'u'v'q'dg'eq'px'g'gf "v'q"v'j g" i q'x'g'tpo gp'v' v'j tq'wi j " v'j g' r g'v'k'p'p" o ge'j cp'k'uo 0' k'p' q'v'j g't" y q'tf u." v'j tq'wi j q'w' v'j g' uk'p'i rg'r ctv' " tw'rg." eq'pi t'guugu'qr g'tc'v'gf "cu"hw'p'ec'v'k'p'ec'ni'r q'rk'ec'ni'o ge'j cp'k'uo u'gz'v'p'f k'p'i "ht'qo "v'j g'tgo q'v'gu'v'eq't'p'g't"qh'v'j g' eq'w'p't { "v'q" Cp'ntc."v'q"v'j g'eg'v'gt"qh'i q'x'g'tpo gp'v."cp'f "k'p"v'j ku't'gur gev."eq'pp'g'v'k'p'i "v'j g'eg'v'gt"cp'f "v'j g' r g't'k' j g't { 0'

Cu'k'ku'hp'qy p.'tki j v'ch'gt'ku'g'uc'd'ri'k'uj o gp'v."TRR'w'ct'v'gf "qti cpk' cv'k'p'ec'ni'ce'v'k'k'kgu'v'j tq'wi j q'w'v'j g'eq'w'p't { 0' Cu'c't'g'uw'n'qh'v'j g'ug'ce'v'k'k'kgu."qpg'qh'v'j g'r t'q'x'k'p'egu'y j g'tg"TRR'y cu'qti cpk' gf "k'p"v'j g'¥ wmwqxc't'gi k'p'p' y cu'Egdgrik'dgt gmv'0'k'ku'w'p'f g'tu'v'q'q'f "v'j cv'TRR'r t'q'x'k'p'ec'ni'e'q'pi t'guugu'y g'tg"j gr'f "k'p'Egdgrik'dgt gmv'v'p'v'k'i'k' y cu'c'p'p'gz'gf "v'q"cf c'p'c'k'p"3; 550Y j gp'v'j g'qh'hcck{k'ni' ctv' t'ge'q'tf u't'gi ct'f k'p'i "v'j g'ug'eq'pi t'guugu'ct'g'gz'co k'p'gf ." k'v'uj q'w'f "dg"p'q'v'gf "v'j cv'v'j g'q'p'ni' "cx'ck'cd'ng'qh'hcck{k'ni't'gr q'tu'd'gm'p'i "v'q"3; 530Vj ku't'gr q'tv."ug'p'v'q"v'j g"TRR"

<sup>3</sup>Quo cpk{g'Mqtmw'Cvc'©pkxgtukguk'Dkri k'xg'Dgri g'l' 3/pgvko kD3/4Ao Ā"eci rct'v'p'62B i o c'k'f'eqo."QTEKF <2222/ 2225/2873/: : 6Z."Vgn'752/625/3; /: ; 0'

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

I gpgtcn'Ugetgctkv'qp'O ctej "32."3; 53."İpenmf gu"o cp{ "uqekcn'f go cpf u'cpf "gZR gevcvkpu"eqo r kqf "d{ " chhkcvgf "f kntlev'qti cpk cvkpu"cpf "Egdgrkdgtgngv'egpvcnf kntlev0'

Kp"vj ku'tgugctej . "k'ku'clo gf "vq"o cng"cp"gxcmvcvkpp"qh'vj g"uqekq/ewmwtcn'cpf "geqpqo le"ukwcvkpp"qh'vj g" Egdgrkdgtgngv'r tqxlpeg"kp"vj g"gctn{ "3; 52u."dcugf "qp"vj g"tgeqtf u'qh'vj g'r tqxlpekcn'Eqpi tguu'o gpvkppgf ." cpf "vj wu'vq"eqpvkdwg"vq'vj g'hkgtcwtg"qh'Quo cpk{ g'ekv{ 'j kuzt{ "cu'y gnf0'

**Key Words:** Tgr wdilecp" Rgqr rğau" Rctv{ " \*TRR+." Egdgrkdgtgngv." Rtqxlpekcn' Eqpi tguu." Quo cpk{ g." ¥ wmwqxc0'

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#### SATRANÇ EĞİTİMİNİN BİLİŞSEL VE AKADEMİK BECERİLER ÜZERİNDEKİ ETKİSİNİN İNCELENMESİ EXAMINING THE IMPACT OF CHESS INSTRUCTION ON COGNITIVE AND ACADEMIC SKILLS

PhD Student; Mustafa Sencer ULEMA<sup>1</sup>

<sup>3</sup>T c/kcpvgr "Wpkxgt ukf. "F gr ctwo gpv'qhrj {ukecn'Gf wecvkp'cpf "Ur qt u. "I c/kcpvgr/Vwtng{0'  
<sup>3</sup>QTEK "KF <j wru<1qtekf Qti I2222/2223/7795/2554"

#### ÖZET

Dw'dkf ktk "ucvcp±" g kko klpk "kmqmw" xg" qtvcqmw" 3/4 tgpelgtlpk "o cvgo cvkmgn' xg" dkrk ugn' dgegtkgtk' Ñ gt kpf gnk' gvnkgtlpk' kpeggo gm'co ce, {rc' ukugo cvkn'dk' rkgtecv' "vctco cu, " {cr o , vt0' \$Ucvcp± "Gvniku\$ " j kr qvg' klpk' dkrk ugn' f guvgn' cm cu, pc" tc o gp' kmpc" gf lek'dk' " gnrkf g" ncp, vcpo cf , , "dgrk vko k vt0' Uqp" { , mctf c" j go "Co gtnk' "Dkrk kniF gxrvgtkj" go "f g" Cxtwr cf c" 3/4 tgpelgtlpk' f Ñ Ñmo cvgo cvkn'dc ct, u, "kg" kni k'k' gpf k grgt" ctwo , vt0' Dw' dc mo f c. "ucvcp±" g kko k' qmwrtf c" {gpk' dk' " 3/4 tgvko " {3/4 pvgo k' qrtcm' f g gtrngf kko gmgf k0' Ucvcp± "Dkrk kniM'cm, m" ur cp{c. "V'Ánk' g. "Cmo cp{c' xg" vnf c' i kdk' Ámrgt' g' qmw' o Ñ h' gf cv, pf c" {gt' cm c' c' dc mo , "xg' cnef go kni dc ct, {c' qncp' r' qvcpu' k' gnh' vnrct, "Ñ gt kpg" ±g krik' tqlgrgt" i gt ±gmg vtko k vt0'

Dw' ±cn o c" ner uco , pf c. "RwdO gf. "I qqi ng" Uej qrt. "Ueqr wu" xg" Y gd" qh' Uelgpeg" i kdk' xgtk' vdcprct, " mwrp, rctem" 4222/4246" { , mct, "ctcu, pf c" {c { , o ncpco" o cnerggt. "vg' ngt" xg" tcr qrtct "vctepo , = "\$ucvcp±\$. " \$dkr ugn' grk ko \$. "\$o cvgo cvkn' i kdk' cpcj vt' hgnko grgtng' ctco crct" {cr, mo , vt0' Ucvcp±" g kko klpk' gvnkulpk' kpegng' {gp' ±cn o crct "k' ±gt kmgtpk" i 3/4 g" u, p, hcpf, t, mo , . "uqpwrct, "f g gtrngf k krgp" mtkgtngt" i 3/4 g" cpcrk' " gf kro k vt0' Y cn o c' c' f' c' j k' r' gf kro g' mtkgtngt' k' ctcu, pf c. " j cngo r' k' f' gti k' r' g' g" {c { , o ncpo , "qm cu, "f gpg' {ugri' vcut, o m' k' ±gt o guk' xg" uqo w' xgtk' uwp o cu, " {gt' cn' tngp. "j ctk±" www c" mtkgtngt" {cnp, | ec" vgtkn' xg' {c' {qtwo "k' ±gt gp' ±cn o crct, "ner uco , vt0'

Gf g' gf krgp' dwi wrct. "ucvcp±" g kko klpk' b cvgo cvkmgn'dc ct, { , ctv, tcdkreg kpk' cpecn' gvnkulpk' i gpnrknng' 47/52" uccvkn' dk' " g kko "uqptcu, "qtvc{c" ±, nv, , p, "i 3/4 vgt o gmgf k0' F c j c" 3/4 pegnk' ctc vto crct. "ucvcp±" q {wpewrt, p, p" o cvgo cvkn' i kdk' cncprctf c" f c j c" k' k' r' gthqto cpu" i 3/4 vgt f k k' f' guvnggo gmgf k0' Dw' vprc' dkrknng. "dc | , ±cn o crct "ucvcp±" g kko klpk' w' wp' xcf grk' gvnkgtlpk' f' guvnggo go gmg' xg' r' r' ugudq' gvnkgtlpk' i 3/4 "3/4 p' Ápf g' dwmpf vtwo cu, "i gt gmk kpk' qvc{c' nq' {o cmcf, t0'

Uqpwrct" qrtcm" dkrk ugn' {gvgp gmgtpk' ucvcp±c" {gvgp gn' n' cp, o , pf c" 3/4 pgo rk' dk' " tqn' q {pc {cdkreg k' f Ñ Ñp Ñmo gmgf k0' I grgegn' ctc vto crct. " hctm, " {c " i twr rct, " xg" dgegtk' ugxl' grgtlpk' ucj kr " ucvcp±" q {wpewrt, p, p" dkrk ugn' {gvgp gmgtpk' Ñ gt kpf gnk' gvnkgtlpk' f c j c" f gtlp' rgo gulpg' kpeggo grk' xg" ucvcp±" g kko klpk' f k gt' cnef go kni' cncprctc" qrcp" gvnkgtlpk' ctc v, tctcm' dki k' gmuknk kpk' i k' f gto g' g' n' vnf c" dwmpo cnf, t0' Dw' dc mo f c. "ucvcp±" g kko klpk' g kko "ukugo rgtkpf g' f c j c" {c {i , p' dk' " gnrkf g" {gt' cm cu, " 3/4 tgpelgtlpk' dkrk ugn' i grk ko rgtlpk' xg" cnef go kni' dc ct, mct, p, " ctv, to c" c±, u, pf cp" 3/4 pgo rk' dk' " htucv' uwp o cmcf, t0'

Anahtar Kelimeler: Ucvcp± "Dkrk ugn' f' grk ko . "Cnef go kni' dc ct, . "O cvgo cvkn'0'

#### ABSTRACT

Vj ku' r' er gt "eqpf weu" c" u {ugo cvk' "rkgtecv" t' gxlgy "vq" gzc o kpg" vj g" ghgeu" qh' ej gui' gf wecvkp" qp" vj g" o cvj go cvkcn' cpf "eqi pkxg" unkm' qh' r' tko ct { "cpf "ugeqpf ct { "uej qqn' uwf gpv0' Cmj qwi j " vj g" \$Ej gui' Ghge\$ j { r qy guk' j' cu' t' gegkxg' uqo g' uelgpev' h' e' uwr r' qtv. "k' j' cu" {gv' vq' dg' eqpxk' k' epi n' { r' tqxgp0' k' t' gegpv' {gtcu. "eqpegtpu' cdqwl' i' qy' b' cvj go cvkcn' gthqto cpeg' co qpi' uwf gpv' j' cxg' k' petgcugf' k' p' dqj' vj g' Wpkxg' f' "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Uvcvqu"cpf "Gwtqr gO'Kp"vj ku"eqpvzv."ej guu"gf wecvkqp"ku"dgkpi "gxcnvcvzf "cu"cpgy "vgej kpi "o gjv qf "kp" uej qqnO'Ej guu"j cu'dgi vp"vq"dg"lpenmf gf "kp"uej qqn'ewttlewr"kp"eqwptkqu"uwej "cu"vj g"Vpklgf "Mkpi f qo ." Ur clkp."Vwtng{"I gto cp{"cpf "Kcn{"y kj "xctkqwa"rtqlgevu"dgkpi "ecttkgf "qaw"vq"gzr mtg"ku"r qvqpvkcn' eqpvtkdwkqpu"vq"cecf go le"uweeguO'

Kp"vj ku"uwf {"f cvcdcuqu"uwej "cu"RwdO gf ."I qqi ng"Uej qnt."Ueqr wu."cpf "Y gd"qh"Uelkpeg"y gtg"uwgf "vq" eqpf wevugctej gu"qh'ctvengv."vj gugv."cpf "tgr qtwa'r wdrkuj gf "dgyv ggp"4222"cpf "4246."wukpi "ng{y qtf u'uwej " cu" \$ej guu.\$" \$eqi pkxg" f gxgnr o gpv.\$" cpf " \$o cvj go cvkuO" Uwf kgu" gzco kpkpi " vj g" ghgevu" qh" ej guu" gf wecvkqp" y gtg" kf gpvklgf " cpf " emuuklhf " ceeqtf kpi " vj " yj gk" eqpvqpv" y kj " tguvnu" cpcn{ | gf " dcugf " qp" gxcnvcvzf " etkgtkO' kpenukqp" etkgtk" hqt" vj g" uwf kgu" eqpukngf " qh" dgkpi " r wdrkuj gf " kp" r ggt/tgxkgy gf " lqwtpcu." j cxkpi " gztgko gpvcn' f guki pu." cpf " r tqxkf kpi " eqpetgvg" f cvc." y j krg" gzenukqp" etkgtk" gpeqo r cuugf "uwf kgu"vj cvlpenmf gf "qpn{"vj ggtgvecn'qt'eqo o gpvct {"eqpvqpvO'

Vj g" hpf kpi u" kpf kcvg" vj cv'ej guu" gf wecvkqp" ecp" gpj cpeg" o cvj go cvkcn'uweegu="j qy gxgt." vj ku" ghgevu" i gpgtem{" cr r gctv" chgt" cr r tqzko cvgn{ "47/52" j qwtu"qh"vckkpi O'Rt gxlqwa"tgugctej "uwr r qtvu"vj cv'ej guu" r r {gtu"vqpf "vq"r gthqto "dgvgt"kp"ctgcu"uwej "cu"o cvj go cvkuOJ qy gxgt."uqo g"uwf kgu" f q"pqv'uw r qtv'vj g" rpi /vgo "ghgevu"qh'ej guu"gf wecvkqp"cpf "j ki j rki j v'vj g"pggf "vq"eqpukf gt"r rcegdq"ghgevuO'

Kp'eqpenukqp."eqi pkxg'cdkklkku"ctg"vj qwi j v'vq' r r {"c"uki pkhecpvtqrg"kp'unikm'ces wukkkp"kp"ej guuO'Hwwt g" tgugctej "uj qwf "f grkg'f ggr gt"kp"vj g"ghgevu"qh'ej guu"gf wecvkqp"qp"eqi pkxg'unikm'co qpi "ej guu"r r {gtu" qh'f khtgtpv'ci gu"cpf "unikm'ngxnu."cu"y gni'cu"kp'xgukv cvg"ku"ko r cev"qp"qyj gt"cecf go le"ctgcu"vq"cf f tguu" vj g"gzkukpi "npqy ngf i g"i cr O'Kp"vj ku"eqpvzv."vj g"dtqcf gt"lpeqtr qtcvqpv"qh'ej guu"gf wecvkqp"kp"uej qqn' u{uvgo u'r tgugpw" c"uki pkhecpv"qr r qtwpk{ "vq"gpj cpeg"uwf gpv"eqi pkxg'f gxgnr o gpv'cpf "cecf go le" cej kxgo gpvO'

**Keywords:** 'Ej guu.'Eqi pkxg'F gxgnr o gpv.'Cecf go le"Uweegu.'O cvj go cvkuO'

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# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## REVOLUTIONIZING HEATING SOLUTIONS FOR MILITARY OPERATIONS IN EXTREME ENVIRONMENTAL CONDITIONS

### ZORLU ÇEVRE KOŞULLARINDAKİ ASKERİ OPERASYONLAR İÇİN ISITMA ÇÖZÜMÜ

Mehmet YAVUZ<sup>1</sup>

<sup>3</sup>Ukugo 'W|o cp., 'Mqmw cp'Qvqo qvxx'Gpf Ämt k'CO' O'O gt ukp. 'VÄtnk gO'

<sup>3</sup>QTEK 'KF <j wru<llqtekf Qti 1222; /2228/6; 4; /7: 8: "

Ali ÜZER<sup>2</sup>"

<sup>4</sup>M,f go rk'Ukugo 'W|o cp., 'Mqmw cp'Qvqo qvxx'Gpf Ämt k'CO' . 'Cpmt c. 'VÄtnk gO'

<sup>4</sup>QTEK 'KF <j wru<llqtekf Qti 1222; /2226/3694/8275"

#### ÖZET

Cungtk'qr gtcu{qprctf c."34 grnkmg"} qtnw±gxtgugri'nq wrctf c." gngt'xg'nupvg{pgt"i kdk'{ cr ,rct,p"gvnk'k'dk" grnkf g",u,v,m cu." r'gtuqpgri'nqphqt'w'xg'qr gtcu{qpgri'xg'tko r'k'k'n'c±,u,pf cp'mtkk'n'34pgo g'ucj kr vkt'0Grgmt'knk' ,u,v,e,rct." r'tqr cp"ukugo rgt'xg'mko c"i kdk'i grpggmugn',u,v,c"ukugo rgt'k'dw" | qtnw'nq wrctf c"ukugo ugn' uqtwprctf cp"f qrc{ ,xg'tko r'k'±cn, o co cmcf ,tO" | grnkmg"/42ÄE plp'cn,pf cnk'f Ä Än'u,ecm,mctf c"xg'tko r'k' ,u,v,c"uc rno cf c" {gvtuk' "nem cmc=f qpo w " {cmv'xg'ntkkn'dkrg gprgt'ukugo "ct,|,cmt,pc" {qn'c±cten' r'gtuqpgri'p"uq wnj'exc"nq wrct,pf c"ucxwpo cu,| "nem cu,pc"pgf gp'qm cmcf ,tO'C {t,ec."o gxew'dk±qni' ±34 Äo f g'grgmt'kn'v'Ängvko k'qrf wnc" {Änugmkt'0Dw'f wwo ."w' cni'qr gtcu{qpgri'cprctf c"gpgtlk'g'gtk ko kp" mu,v,"qrcdkregg kf wwo rctf c"r'q'k'k'n' qtnwmt, 'ctv,to cmc'xg'k r'gvo g'o crk' gngt'kp' {Änugno gmgf k'O

Dw' | qtnwmt, 'c o cni'k'p'cungtk'w'i wro crctf c"mwmp,m cni'Ä gtg'34 gn'qrcten'vcutrpo , "34p",u,v,cn' f k' gn' {cmv'±cn, cp",u,v,c"ukugo k'i grk vkt'ko k vkt'O'Dw'ukugo ."f gr qrc c"vcmpf cnk'f qpo w " {cmv," ±34 gegnidk' {34pgo "mwmpcten'/54ÄE'i kdkf Ä Än'u,ecm,mctf c'nguk'vuk' ,u,v,c"uc rno cmcf ,tO'Dw'ukugo " f Ä Än'o crk' gvk'xg'c' | r'ct±cn, " {cr ,u, {rc."cungtk'qt'wco rct'k'p"nqrc { "mw'wwo "xg'dcmo "qrcpc , "uwpcten' k'f gci'dk'±34 Äo "qrcten'mwmp,rdkregmkt'O

Ukugo ."j ctkek'dk"i Ä±'nc {pc ,pc'dc n" qm cf cp" gngt"nupvg{pgt"i kdk' { cr ,rct,p"k'p'g" {gtrg vkt'ko k" devt {cmt'±cn, cdko gmgf k'O'C {t,ec."k'k' {c "f qnw'dk'vcpm'xg",u,v,e,"t'gl kwcpurt'mwmpcten' {cmv,p" f qpo cu,p, "34p'gt'xg'd'34 rgeg" {cmv,p" | qtnw±gxtg'nq wrct,pf c",u,v,e,rctf c"mwmp,rdk'k'rik kp'ki ctcp'k'gf gt'O Ukugo g'o qpv'gf kro k "j exc'ncpmt, "xg'nupvt'qni'dk'ko k'xcu,vcu, {rc" {c co "cprct,pf c",u,p,p"j qo qlgp" qrcten'f c ,v,m cu,"uc r'pcten'r'gtuqpgm'g'kp'nqphqt'w'xg'i Äxgprk k'ctv,t,nt'O

Uqpw±'qrcten'34p'gt'k'gp'ukugo ." gngt."nupvg{pgt"i kdk'o qf Ägt" { cr ,f cnk' {c co "cprct,p,p" | qtnw±gxtg" nq wrct,pf cnk',u,po c"r tqdrgo kp'g" {gpk'k'n'k'dk'±34 Äo "uwp' cmcf ,tO'Dw'ukugo "i Äxgprk'k'."xg'tko r'k'xg" f Ä Än'o crk' gvk' { cr ,u, {rc"o gxew",u,v,c"±34 Äo rgt'kp'gp" c {t,rcten'r'gtuqpgri'nqphqt'w'p'w'xg'qr gtcu{qpgri' xg'tko r'k' k'ctv,to cmcf ,tO'D'34 rgeg" | qtnw'nq wrctf c" {Ä Än'g'p'cungtk'qr gtcu{qprct,p"dc ct,u,pc"ncv'nf c" dwmpo cmcf ,tO'

Anahtar Kelimeler:" gngt."k'i,vo c"Ukugo rgtk' | qtnw±gxtg'Mq wrct,O'

"

#### ABSTRACT

K'o k'kct { "qr gtcv'kpu."gur gekm' {kp'gz'vgo g'gpxk'qpo gpv'nc'epf k'k'qpu."gh'g'v'xg'j' gcv'kpi "qh'uj gngtu'cpf" eqp'v'k'p'gtu'ku'et'k'k'ec'n'ht' r'gtuqppgn'eqo hqt'v'cpf "qr gtcv'k'p'cn'gh'k'k'g'p' {O'V'ct'f k'k'q'p'cn'j' gcv'kpi "u' u'vgo u."uwej " cu"gr'g'v'k'le"j' gcv'gtu."r'tqr cp'g"u' u'vgo u."cpf "uc'p'f'ct'f "f'k'ug'n'j' gcv'gtu."q'hw'p"hc'eg"uki p'k'k'ec'p'v'ej cm'gpi gu'kp" vj'gug'j' ct'uj "eqp'f k'k'q'pu'O'V'j' g { "ht'gs w'g'p'w' { "h'ck'n'v'q"r'tq'x'k'f'g't'g'k'cd'rg"j' gcv'kpi ."gur gekm' { "cv'nc'y "vgo r'gt'c'w'gtu" dg'ny "/42ÄE."y j'gt'g'ht'q' gp'hw'gn'cpf "et'k'k'ec'n'eqo r'q'p'g'p'u'ec'p'rg'cf "v'q'u' u'vgo "h'ck'w'gu."rg'cx'k'pi "r'gtuqppgn' xw'p'g't'cd'rg'v'q'eq'rf O'hw'j' gto q'tg."b cp { "gz'k'k'k'pi "u'q'w'k'q'pu'f'gr'gp'f'j' g'cx'k'k'f "q'p'gr'g'v'k'ec'n' qy'gt."y j'kej 'b c { "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

dg'fko kqf "qt"wpcxckrdng"lp"tgo qvg"qr gtcvkqpcn'ctgcu0Vj ku'f gr gpf gpe { "pqv'qpn { "eqo r rkecvgu"mqi kxkuu" dw'cnuq'kpetgcugu"qr gtcvkqpcn'equu. 't gpf gt kpi "y gug'u { ugo u'ko r tcevecn'ht "o kkrct { "wug0

Vq" cf f tguu" y gug" ej cngpi gu. " y g" r tqr qug" cp" kppqxcvkg" r tg/j gcvgf " f kgugn/hwgrgf " j gcvkpi " u { ugo " ur gekhccm { 'f guki pgf "hqt'uj gngtu'cpf "eqpvckgu'wugf "lp"o kkrct { "er r rkecvkqu0Vj ku'u { ugo "ku'gpi kpggtgf" vq" f grkxgt "eqpvcwqu" j gcvkpi "lp"vgo r gtcwtgu'cu'my "cu"/54Æ "d { "go r mq { kpi "c"o gvj qf "v" y cy "htq| gp" hwgn' y kj kp"ku" uvtci g" vcpn0' Ku" my /equv' cpf " my /eqo r qpgpv' f guki p" gpuwtgu" gcu { "kpuvcvkkp" cpf " o clpvgpcepeg. "o cnkpi "k'cp'k' gen'luqnwkkp'ht "o kkrct { "gpxktqpo gpw0

Vj g" u { ugo " qr gtcvgu" kpf gr gpf gpw { "qh" gzvgtpcn' grgextekv { . " wkrk kpi " cp" qln/hkngf " vcpn' cpf " j gcvkpi " tgukxqtu"vq" r t g x g p v " h w g n " h t q o " h t g g l k p i . " y w u " g p u w t k p i " c " e q p u k u g p v " u w r r n { " q h " w u c d n g " h w g n " h t " j g c v k p i 0' O qt g x g t . k p v i t c v g f " c k " e j c p p g n ' c p f " c " e q p v t q n ' w p k ' t t q o q v g ' j q o q i g p g q w u ' j g c v k p i " c e t q u u ' h k k p i " u r c e g u . " c f f t g u k p i " r g t u q p p g n ' e q o h q t v ' c p f " u c h g v { " l p " y j g " h g r f 0

Kp"eqpenwkkp. "y g" r tqr qugf "j gcvkpi "u { ugo "tgr t g u g p u " c " u k i p k h e c p v " c f x c p e g o g p v " l p " q x g t e q o k p i " y j g " w p k s w g " e j c n g p i g u " h c e g f " d { " j c t u j " g p x k t q p o g p w u " h q t " o k k r c t { " u j g n g t u 0 D { " r t q x k f k p i " c " t g r k c d n g . " g h h e k g p v " c p f " e q u v g h h e v k x g " j g c v k p i " u q n w k q p . " y k u " u { u g o " g p j c p e g u " d q y j " r g t u q p p g n ' e q o h q t v ' c p f " q r g t c v k q p c n ' g h h e v k x g p g u u . " w m k o c v g n { " e q p v t k d w k p i " v q " y j g " u w e e g u u " q h " o k k r c t { " q r g t c v k q p u " e q p f w e v g f " l p " f g o c p f k p i " e q p f k k q p u "

**Keywords:** "Uj gngt. "J gcvkpi "U { ugo u. "Gzvtgo g" Gpxktqpo gpwcn'Eqpf kkkqu0

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ZAMAN YÖNETİMİ VE İŞ STRESİ ÜZERİNE BİR ARAŞTIRMA  
A STUDY ON TIME MANAGEMENT AND JOB STRESS

M. Fedai ÇAVUŞ<sup>1</sup>

<sup>3</sup>Rtql0Ft0'Quo cplg'g'Mqtmw'Cvc'©pkxgt ukxguk " ãnkucf k'xg" f ct k'Dkto rgt 'Hcnãnguk"l' ðpgvko 'Dkko " Ukngo rgt k'D/4ão ã 'Quo cplg'g.'VÁtnk'g0'

<sup>3</sup>QTEKF 'KF <j wru<llqtekf Qti l222/2224/4737/7: 27"

ÖZET

\ co cp"{'ðpgvko k"dk"±cn, cp,p"i ¼gxrgtkpk'ðpegrkmgpf kto g."uãrgtkpk'dgrkngo g'xg" co cp,p,"f q tw'dk" gnrkf g'mwmpo c"{'gvgpg k'kg'ki k'kf k0Dw'dgegtk"±cn, cprct,p'k rgtkpkf cj c'xgtko rk'xg'f gpi grk'dk" gnrkf g" {cr o crct,p," uc rct0' \ co cp," gwkrk' dk" gnrkf g" {'ðpgvgo g{gp" dktg{rgt." k rgtkpk' dktkno guk' xg" vgruko " vctkj rgtkpk" {cmc o cu,{rc" dktkmg" f cj c"rc| rc" utgu"cn,pc" i kgdktkrgt0' " utguk'lug." dktg{lp" k " {ããã uqtwo nãwnmct" xg" dgmngpvrgt" net ,u,pf c" dcum" j kuogvo guk' f wtwo wf wt0' Uãrgmk' utgu" cn,pc" ±cn, cp" dktg{rgt." h'k kmgr'xg" kj kpugr'uc nni'utwprct,{rc'net ,net ,{c'ncrdktkrgt0'

Gwkrk' co cp"{'ðpgvko k"±cn, cprct,p" k " {ããrgtkpk'f cj c'xgtko rk'dk" gnrkf g" qti cplg'g'gvo gnrkpk'uc rc{ctcn' utgulk'c| cn,m cu,pc'ncwmp c'dwmpwt0Dwmpwrc'dktkmg."h'4ãã co cp"{'ðpgvko k" c ,t,k " {ããã'f ããã gputk' rkn' xg'k rgtkpk"{'gk v'krgo go guk'i kdk'utwprctc"{'qnc±ctcmk 'utgulk'ctvt,t0'

Gwkrk' co cp"{'ðpgvko k'utvcglkrgt'k'ctcu,pf c."k rgtk'ðpegrkmgpf kto g." co cp'dmncoc." {cr ,rcemct'rkuguk' qnw wto c'xg'o qn'xgto g'i kdk'vgnpkmg" {gt'cnt0Dw'utvcglkrgt." dktg{rgtkpk'f cj c'c' 'utgurg"±cn o cu,pc'xg" k rgtkpk'f cj c'gnkpk' dk" gnrkf g"vo co rco cu,pc" {ctf ,o e,"qrdktk0C {t,ec" co cp"{'ðpgvko k'dgegtkuk'k "xg" ¼ gn' {c co "f gpi gukpk'mwto cf c" f c" ¼pgo rk'dk" tqn'q{ pct0F ã i ãp' dk" co cp"{'ðpgvko k"±cn, cprct,p" k " f , ,pf c' f c' h'gp'f krgtkpk' co cp" c' ,to crct,pc'qrcpm'vcp,t'xg'dw'f c'k 'utgulk'c' c'ncdktk0'

Dw' ±cn o cp,p" dwi wct," nco wf c" i ¼gx" {cr cp" 342" nk kf gp" grf g" gf krgp" xgtkrgt" ±gt±gxgulk'f g" f g gtrgpf kko k v'k0' \ co cp" {'ðpgvko k' xg" k " utguk' ¼ãgmngk' nwnp,rcctcn' {cr ,rcp" ±cn, o c" uqpwewpf c" ncv,no e,rc,p' co cprct,p," f q tw' gnrkf g" {'ðpgvgo gf kmgtk'xg" {q wp'dk' utgu" {c cf ,nct,"vgr k'gf ko k v'k0'

**Anahtar Kelimeler:** \ co cp"{'ðpgvko k" 'utguk' Mco w'±cn, cprct,"

"

ABSTRACT

Vko g'o cpci go gpv'ku'tgrcvf "vq"cp"go r m{gg}u'cdk'k' {"vq"r tkqtkk' g'vcum." f gvgto kpg'vj gk'f wcvk'p." cpf " wug'vj gk'vko g'eqttegn'0Vj ku'unim'cmqy u'go r m{gg}u'v'f q'vj gk' l'qdu'o qtg'gh'lekpvn' "cpf "lp" c'dcncpegf " y c'0k'f k'kf wcn'y j q'ecppq'v'o cpci g'vko g'gh'ge'v'xgn' "o c' {"g'zr g'k'peg'bo qtg'utguu'cu'y qtnir'kgu'w' "cpf " f gcf r'p'gu" cr r tqcej 0'Y qtn'utguu'ku'vj g'ukw'v'q" y j gtg"cp" k'f k'kf wcn' h'egni" r tguu'w'gf "d{ "y qtnm'cf ." tgr qpuk'k'k'ku." cpf "g'zr gev'v'qpu'0k'f k'kf wcn'y j q'y qtn'w'pf gt'eqpu'v'utguu'o c' {"h'eg"r j {"kecn'cpf " o gpv'n'j gcnj "r tqdrgo u0'

Gh'ge'v'xg'vko g'o cpci go gpv'j gr u'tgf weg'utguu'd {"cmqy kpi "go r m{gg}u'v'q" qti cplg'g'v'j gk'f y qtnm'cf "o qtg" gh'lekpvn'0'J qy g'xgt." r qqt "vko g'o cpci go gpv' k'p'etgcugu" y qtn'utguu" d {"ecwukpi " r tqdrgo u" uwej "cu" g'zegu'xg'y qtnm'cf ." f kuqti cplg'v'k'p." cpf "h'k'w'g'v'eqo r r'ng'v'cum0'

Gh'ge'v'xg'vko g'o cpci go gpv'utvcgi kgu'kpenf g'v'gej pls wgu'uwej "cu" r tkqtkk' kpi "vcum." d'ncm'kpi "vko g." etgc'v'kpi "c"v'q'f q'rkuv." cpf "vcn'kpi "dtgcm'0Vj gug'utvcgi kgu'ecp"j gr "k'f k'kf wcn'y qtn'ly kj "rguu'utguu" c'pf " eqo r r'ng'v' vj gk'f y qtn' o qtg" gh'ge'v'xgn'0' Vko g'o cpci go gpv' unkm" cmq" r rc {"cp" ko r q'v'cpv' tqrg" k'p" gu'cd'rk'j kpi "c" y qtn'rk'g" dcncpeg0' Rtqr gt "vko g'o cpci go gpv' cmqy u' go r m{gg}u'v' ur g'p'f "vko g" h'q' vj go ugr'gu'q'wuk'f g'q'h'y qtn'y j lej "ecp'tgf weg'l'qd'utguu0'



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Vj ku'uwf { "y cu" gxcnæygf "y kj kþ"vj g"ltco gy qtn'qh'f cv" qdvckpgf "ltqo "342" go r m{ gg"y qtnkpi "kþ"vj g" r wdrle"ugevqt0Cu" c'tguwn'qh'vj g'uwf { "wukpi "vko g'o cpci go gpv'cpf "lqd"utguu'æecrgu. "k'y cu'f gvgto kpgf " vj cv'vj g'r ctvlekr cpw'eqwf "pqv'o cpci g'vj gkt "vko g'r tqr gtn{ "cpf "gzi gtkepegf "kþvgpug'utguu0

**Keywords:** "vko g'o cpci go gpv. "Lqd"utguu. "Rwdrle" go r m{ ggu"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### STRATEJİK PLANLAMA FARKINDALIĞI: OSMANIYE BELEDİYESİNDE BİR ARAŞTIRMA

#### STRATEGIC PLANNING AWARENESS: A RESEARCH IN OSMANIYE MUNICIPALITY

**M. Fedai ÇAVUŞ<sup>1</sup>**

<sup>3</sup>Rtql0F t0"Quo cpk g' Mqtnmw' Cvc' ©pkxgt ukuguk "mkucf k'xg" f ct k'Dkko rgt 'Hcn'Anguk' l' ³pgvko 'Dkko " Ukngo rgt k'D'ā Ā. "Quo cpk g. 'VĀtnk g0'

<sup>3</sup>QTEK 'KF <j wr u-llqt ekf Qti l2222/2224/4737/7: 27"

#### ÖZET

Ütcevlknir rncrc c."dtk" qti cpk cu{ qpw" o gxew" f wto wpw" cpcrk " gf gt gm" i grgegmg" j cpi k' j gf ghrgt g" wrc o cnkugf k kpkxg' dwj gf ghrgt g' pcutnwr cec , p, 'dgrkrq{ gp' dkt' uĀtg+kt ODwuĀt gekp' dc ct, n' qrcdko guk' kkp" vĀo " r c { f c r t, p" r rcp, p" k+gtk k" co ce, " xg" j gf ghrgt k" j cnmpf c" hctmpf cn c" ucj kr" qm cu, " i gt gmo gmgf kt 0' Utcevlknir rncrc c" hctmpf cn , ". ucf geg" r rcp, p" qnw wtw cu, " c co cu, p f c" f g kn" c { p, " | co cpf c" w{ i wrco c" xg" f g gtrpf kt o g' uĀtg+rt kpf g' f g' dĀ{ Āni p pgo "vc , t0'

Ütcevlknir rncrc c" hctmpf cn , " j go " nco w' j go " f g" ¾ gn' ugm ¾4" mxt wnw rct, " kkp" ¾ pgo rk' dkt" dc ct, " hcm ¾4 Āf Āt ODw' hctmpf cn m' w' wp' xcf grk' j gf ghrgt k' dgrkrqpo guk' n{ pcnct, p' gnkp' nwrcp, o, 'xg' f g k gp" ±gxtgugri' nq wrctc" cf cr wu{ qp" c±, u, pf cp" dĀ{ Āni dkt" tqn' q{ pco cmcf, t0' Utcevlknir rncrc c." ucf geg" j gf ghrgt k' dgrkrqpo guk' rg" u, p, tn" ncm c| =c { p, " | co cpf c" dw' j gf ghrgt g" wrc o cnk' kkp" i gt gm k' cf, o rct, p, " ctc±rct, p' xg' o gwvrt, p' f c' r rncrcp cu, p, " ncr uct0'

Dkt' qti cpk cu{ qpw" utcevlknir rncrc c" uĀt gekpf g" hctmpf cn m' qnw wto cu, " ±cn cprct, p" dw' uĀt geg" cmk h' ncv, no , p, " uc rct0G gt ±cn cprct' utcevlknir rcp, p' pgf gp" qnw wtwf w wpw. " dw' r rcp, p' pgrtk' j gf ghrgf k kpk' xg' nppf krgt klp" dw' uĀt g+gnk' tqnrt kpk' dkm gl rgtug. " r rcp, p" dc ct, { c" wrc o cu, " | qtrw cecm, t0' Hctmpf cn m' uc { guk' f g" ±cn cprct. " r rcp, p" co ce, p, " xg" ¾ pgo kpk' nextc { cten' nppf k' uqtwo nwmmct, p, " { gtlpg" i gvt o g' nqpwuwpf c' f c j c' kugmk' j crg' i grkrgt0'

Dw' ±cn o c" Quo cpk g' Dgrgf k' guk' f g' i ¾ gx" { cr cp' r gtupgrkp' dgrgf k' g" { ¾ pgo rgt kpeg" { cr , rcp' utcevlknir r rcp' j cnmpf c' hctmpf cn m' l' xgk' grtklpk' vgr k' f g' ko guk' co ce, { r" { cr , m , v t0' Dw' ncr uco f c' 4; 'krf gf gp" qnw cp" utcevlknir rncrc c" hctmpf cn , " cpngk' krg" xgt krgt" vqr rcpo , vt0' Vqr rco " 33; " ncv, no e, f cp" grf g" gf krgp" xgt krgt" f g gtrpf kt k f k kpf g' dgrgf k' g' r gtupgrmgt klpk' utcevlknir rncrc c" hctmpf cn , p, p" { Āmgn' qif w w' vgr k' f g' ko k vt0"

Anahtar Kelimeler: "Utcevlk" "Utcevlknir rncrc c" hctmpf cn , " Dgrgf k' g"

#### ABSTRACT

Utcevgi ke' rncrcpki 'ku' c' r tqe guu' v' c' l' c' p' n' | gu' v' g' ewtgpv' ukwcvkp' qh' cp' qti cpk cvkqp' cpf' f' g' v' g' to k' p' gu' y' j' cv' i qcnu' k' y' cpw' v' q' cej kxg' g' k' p' v' j' g' h' wwtg' cpf' " j' qy " v' q' cej kxg' v' j' gug' i qcnu' O' k' p' q' t' f' g' t' h' q' t' v' j' ku' r' tqe guu' v' q' dg' uweegu h' wn' cni' ucngj qif gtu" o wv' dg" cy ctg" qh' v' j' g' eqpv' p' v' r vtr qug" cpf' " i qcnu' qh' v' j' g' r rcp0' Utcevgi ke' rncrcpki "cy ctg' guu' ku' qh' i tgc' v' ko r q' t' v' c' p' e' g' p' q' v' q' p' n' " k' p' v' j' g' etgc' vkp' r j' cug' qh' v' j' g' r rcp. " dw' cni' q' k' p' v' j' g' ko r rgo gpw' vkp' cpf' g' x' cnw' cvkqp' r' tqe guu0'

Utcevgi ke' rncrcpki " cy ctg' guu' ku' cp" ko r q' t' v' cpv' uweegu h' v' exvt" h' q' t' d' q' v' " r w' d' r' l' e" cpf' " r t' k' x' cv' g' ugevt" qti cpk cvkqu' V' j' ku' cy ctg' guu' rnc' { u' c' o clq' t' t' q' r' g' k' p' f' g' v' g' to k' p' k' pi " n' p' i / v' g' to " i qcnu. " gh' g' ev' k' x' g' wug' qh' t' gu' w' t' e' gu' cpf' " cf' cr' v' k' p' v' q' " e' j' c' p' i' k' p' i " g' p' x' k' t' q' p' o' g' p' v' r' i' e' q' p' f' k' k' p' u' 0' Utcevgi ke' rncrcpki " ku' p' q' v' r' i' ko' k' g' f' " v' q' f' g' v' g' to k' p' k' pi " i qcnu= k' cni' q' k' p' e' n' w' f' gu' rncrcpki " v' j' g' v' u' g' u. " v' q' qni' cpf' " o' g' y' q' f' u' p' p' e' g' u' e' t' { " v' q' cej kxg' v' j' gug' i qcnu0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Etgcvkpi "cy ctgpguu"kp"vj g"utcvgi ke"r rppkpi "r tqeguu"qh'cp"qti cpk cvkqp"gpwtgu"vj g"cevkxg'r ctvlekr cvkqp" qh"go r m{ ggu"kp"vj ku'r tqeguu"0K"go r m{ ggu"fq"pqv"mpqy "y j { "vj g"utcvgi ke"r rcp"y cu"etgcvgf . "y j cv"vj ku" r rcp"clo u"ht"cpf "vj gk"tqrgu"kp"vj ku'r tqeguu. "k'y kn'dg"fkhhewv'ht"vj g'r rcp"q"dg"uweeguu"hw"Vj cpml"vq" cy ctgpguu. "go r m{ ggu"wpf gtucpf "vj g'r wtr qug"cpf "ko r qtvcpeg"qh'vj g'r rcp"cpf "dgeqo g"o qtg"y knkpi "vq" hwkmi"vj gk"qy p"tgur qpukdkkkku0

Vj ku"uwf { "y cu"eqpf wevgf "vq"fgvto kpg"vj g"cy ctgpguu"ngxgu"qh'vj g'r gtupppgn'y qtnkpi "kp"Quo cpk{g" O wplekr crkv{ "tgi ctf kpi "vj g"utcvgi ke"r rcp"o cf g"d{ "vj g"o wplekr cn'cf o kpkutcvkpu0K"vj ku"eqpvzv"fcv" y cu"eqmgevfg "y kj "c"utcvgi ke"r rppkpi "cy ctgpguu"utxg{ "eqpukmki "qh'4; "ucvgo gpw0Y j gp"vj g"fcv" qdvckpgf "Itqo "c"vqcn'qh'33; "r ctvlekr cpw'y gtg"gxcnvcvgf . "k'y cu"fgvto kpgf "vj cv"vj g"utcvgi ke"r rppkpi " cy ctgpguu"qh'vj g"o wplekr cn'r gtupppgn'y cu'j ki j 0'

**Keywords:** "Utcvgi { . "Utcvgi ke"r rppkpi "cy ctgpguu. "O wplekr crkv{ "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TÜRKİYE'DE DİJİTAL SAĞLIĞA EKONOMİK YAKLAŞIM VE OECD ÜLKELERİ İLE KARŞILAŞTIRILMASI ECONOMIC APPROACH TO DIGITAL HEALTH IN TÜRKİYE AND COMPARISON WITH OECD COUNTRIES

Nihal KALAYCI OFLAZ<sup>1</sup>

<sup>3</sup>Ft0" t0©{guk, ucpdwi'O gfkqr|©pkxgt ukxguk " rıgvo g'xg'l 3/pgvko "Dkko rgt k'HcnÅnguk "Wwurct ct cu,"  
Vkectgv'xg'Hkpcpuo cp'D/4Åo Å " ucpdwn'VÅtnk'g"

<sup>3</sup>qt ekf <2222/2224/: 474/7: 8: "

Olcay ÖZEN<sup>2</sup>

<sup>4</sup>Ft0" t0©{guk, ucpdwi'O gfkqr|©pkxgt ukxguk "Uc nmiDkko rgt k'HcnÅnguk "Uc nmi[ 3/pgvko k'D/4Åo Å "  
ucpdwn'VÅtnk'g"

<sup>4</sup>qt ekf <2222/2223/8784/: 4: 8"

#### ÖZET

F klcen'uc nmi'F Åp{c"Uc nmi" ti Åv'vctch,pfcp=uc nmi'j k o gvgtkpk'dc vcp"uqpc"kl kg vto gni'co ce,{rc" f klcen'vgnpqmllkgt'ctce,n ,{rc"uc nmi'j k o gvgtkpk'w{i wro c'dkko "xg'r tcvk k'qrctem'vcp,o rcpo cmcf,t0' I ÅpÅo Å " dki k' xg" kgvko " vgnpqmllkgtkpkp. " {rc c{| gnc." o qdki' uc nmi' uc nmi' dki k' vgnpqmllkgtk' grgmtqpkni'uc nmi'ne{,vct,." i kl kgdktk' grgmtqpkni' Å Åprgt" xg" o qdki' cr rknou{ qprct" f cj ki' qm cm' Å gtg" uc nmi'ki k'vÅo "nextco mt,p"nguk ko k'qrctemif c"nupwo rcpf,t,rcdkkt0'F klcen'uc nmi'grgmtqpkni'uc nmi' ne{,vct,." j cm' uc n , " xgtkgtkpkp" mwrp,o , " xg" vgrg" v,r " i kdk' f klcen' ctc±rct,p" twkp" nmkpni' dcmo c" gpvgi tcu{qpw' {qmw{rc"uc nmi'ukvgo rgtkpf g"i kf gtgm'ctvcp" dk" tqn'q {pco cmcf,t0'Uc nmi'j k o gvgtkpkp" uÅtf Å Årgdkktk k'k'k'p'vcrgdlp'net ,rcpo cu,"xg'dw'vcrgdg'egxcr "xgtgdkgemllkpcpuo cp'ukvgo kpkp" {gpkf gp" vcutrcpo cu," i gtgno gmgf kt0' Dw' f Å gprgo grgtkpk' kj v{k ce, " gp" k' k' net ,rc {cdkko guk' k'k'p' p'kgvknk' dk" f klceng o g'g'kj v{k c±" f w{wro cmcf,t0' Dw' ±cn, o cp,p" co ce, " VÅtnk' g' g' uc nmi' f klcen' f 3/p Åo Åo Åp" c co crct,p,"c±,mco cm'xg'uc nmi'j cteco crct,p,p"QGEF "©mgrgtk'xg"VÅtnk' g' g' g'nk'f vtwo wpw."nk k'dc ,pc" f Å gp"uc nmi'j cteco crct,p,p"ucv,p"cm c"i ÅeÅ'r ctkgukpg"i 3/4 g' f vtwo wpw."i gpgn'uc nmi'j cteco crct,p,p" i c {tk'uchk' {wv{k'j cu,rc{k'k'p'gnk'r c{ ,p,"xg' f klcen'uc nmi'j cteco crct,p,p" h'kpcpuo cp,p,"net ,rc vto cmv,t0' QGEF "Åmgrgtkpkp" ±q wpc"uc nmi'j cteco crct,p,p" {cmc ,mif 3/4 vg" ÅeÅ"xgti kgt" xg{c" | qtwpw"uki qtvc" ctce,n ,{rc" h'kpcpug" gf ko gmgf kt0' Dw' Åmgrgtf g" f klcen' uc nmi' w{i wro crct, " dgpkp ugpgtgm' uc nmi' ukvgo rgtkpkp"kl kg vtko guk'xg'uc nmi'j k o gvgtkpkp'gtk ko kp"ctv,t,m cu,"j gf ghrpo gmgf kt0'Ctvcp"uc nmi' j cteco crct, " f c" i 3/4 " 3/p Åpf g" dwmpf wtvrctem' uc nmi' j k o gvgtkpkp' f klceng o gpkp" {c{i ,prc o cu,p," uc rc{ccen' h'kpcpuo cp"r qrkknrct,p,p"i 3/4 f gp"i g±tko guk' i gtgno gmgf kt0'Ctvcp" f klceng o g'xgtko rkrkn' ctv ,kg'uc nmi'j cteco crct,pf cp'vcuttwh'gf ko gukpk'uc rc {cdkkgemkt0'

Anahtar Kelimeler: "Uc n ,p' f klceng o guk'g/uc nmi'Mco wcn'Uc nmi'J cteco crct,0'

#### ABSTRACT

F ki kcn'j gcnj "ku'f ghkpgf "d { "vj g"Y qtrf "J gcnj "Qti cpk' cvkqp"cu'vj g'uelgpeg"cpf "r tceveg"qh'wulpi "f ki kcn' vgej pqm'j kgu" vq" ko r tqxg" j gcnj ectg" htqo " uctv' vq" h'kpkuj 0' F ki kcn' j gcnj " ecp" dg" r qukkqpgf " cv' vj g" k'pvtugevqp" qh' vqf c { u" k'phto cvkqp" cpf " eqo o wplecvkqp" vgej pqm'j kgu." ctv' h'kcn' k'pvmki gpeg." o qdkrg" j gcnj . " j gcnj " k'phto cvkqp" vgej pqm'j kgu. " grgestqpk" j gcnj " tgeqtf u. " r qtvcdrng" grgestqpk" r tqf wew" cpf " o qdkrg" cr r rncv'kqpu0' F ki kcn'j gcnj "ku' r c { kpi " cp' k'p'etgculpi " t'qrng'lp" j gcnj " u { ukvgo u'vj tqwi j " vj g' k'pvgi tcvkqp" qh' f ki kcn' vqmu" uvej " cu" grgestqpk" j gcnj " tgeqtf u. " vj g' wug" qh' r wdrlk" j gcnj " f cvc" cpf " vgrgo gf k'k'p'g" k'p'vq" tqw'k'p'g'erk'p'lecn'lectg0'Vj g' u'w'w'k'p'cdk'k'k' { "qh'j gcnj " ugtxlegu'tgs vkt gu'o ggv'kpi " f go cpf " cpf " t'gf guki k'p'ki " vj g" h'kpcp'ekpi " u { ukvgo " vq" o ggv' vj cv' f go cpf 0' Hqt" vj g' u" tgi wrcv'k'p'u" vq" dguv" o ggv' vj g" pggf u. " s wcrk'k'g'f " f ki kcn'k' cvkqp" ku' pggf gf 0'Vj ku'uwf { " cko u'vq" g'zr r'k'p' vj g' uci gu' qh' f ki kcn' v'c'p'uh'qto cvkqp'lp" j gcnj ectg'lp"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

VÄnkf g'cpf "v"eqo r ctg'vj g'ucwu'qh'j gcnj ectg'gZR gpf kwtg'kp'QGEF "eqwptkgu'cpf "VÄnkf g.'vj g'ucwu" qh"j gcnj ectg" gZR gpf kwtg" r gt" ecr kc" ceeqtf kpi " v" r wtej culpi " r qy gt" r ctkf. " vj g" uj ctg" qh" i gpgtcr" j gcnj ectg'gZR gpf kwtg'kp"i tquu'f qo guke"r tqf wev'cpf "vj g'hkpcpeki "qh"i ki kcnj gcnj ectg'gZR gpf kwtg'kp" o quv'QGEF "eqwptkgu."ctqwpf "vj tgg/s wctvgtu'qh'j gcnj 'ur gpf kpi 'ku'hkpcpegf "vj tqwi j 'czgu'qt'eqo r wnuqt {" kpuwcppeg0Vj gug'eqwptkgu'ctg'mqmkpi "v"ko r tqxg"j gcnj ectg'u{uggo u'cpf "kpetgcug"ceeguu'v"j gcnj ectg" ugtxlegu"vj tqwi j "vj g'cf qr vkp"qh"i ki kcnj gcnj "r tcevegu0k"vj g'hceg"qh"tkulpi "j gcnj ectg'gZR gpf kwtg." hkpcpeki "r qrelgu"vj cv'gpuwtg"vj g'ur tgcf "qh"i ki kcrk cvkp"kp"j gcnj ectg'ugtxlegu"uj qwf "dg"tgxky gf 0' kpetgcugf "f ki kcrk cvkp"y knrgcf "v"ucxkpi u'kp"j gcnj ectg'ur gpf kpi "vj tqwi j "kpetgcugf "ghhlegpe{0"

**Keywords:** 'F ki kcrk cvkp'qh'j gcnj . 'g/j gcnj . 'Rwdike"J gcnj 'GZR gpf kwtgu0'

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#### ÖĞRENMEYE YÖNELİK ALGILANAN DUYUŞSAL VE BİLİŞSEL ENGELLER ÖLÇEĞİNİN GELİŞTİRİLMESİ: GEÇERLİK VE GÜVENİRLİK ÇALIŞMASI DEVELOPMENT OF THE SCALE OF PERCEIVED AFFECTIVE AND COGNITIVE BARRIERS TO LEARNING: VALIDITY AND RELIABILITY STUDY

Sevim BAHADIR<sup>1</sup>

<sup>3</sup>Tgj dgt " tgo gp. Mcj tco cpo ctc "Y wmt qxc "Grgmt kniCpcf qnw'Nkuguk "Mcj tco cpo ctc . "VÄtnk g"  
<sup>3</sup>QTEK "KF <j wru<1lqtekf Qti I2222/2224/5464/95; 9"

Hasan Güner BERKANT<sup>2</sup>

<sup>4</sup>Rt q10F t0 [ q/i cv'Dq/ qni©pkxgt ukuguk'G kko "HcnÄnguk'G kko "Dkko rgt k'D/4Äo Ä [ q/i cv. "VÄtnk g"  
<sup>4</sup>QTEK "KF <j wru<1lqtekf Qti I2222/2225/2947/8258

#### ÖZET

.. tgo g" {c co "dq {w'f gxc "gf gp"dk "uÄ g±qrctnñpkgrgpf kt k'f k k'p g'dc ct,u, n nññqtmwuw."o qvxcu {qp " xg" j c | ,tdwmpw nwnif Ä g {k'i kdk±g knk'gwngrtg"dc n "qrctm"cn i ,ncpcp "f w { w ucn'xg"dkk ugn'gpi gmg"dw" uÄgek'qno uw "gnkrg {gdkk "xg {c "ugmg {g" w tcwdkkt 0'Dw"pgf gprg"¾ tgo g" gpi gmgtpk" f w { w ucn'xg" dk k ugn'¾ gmkmg" c±,u, pf cp "dgrkrgpo guk'¾ tpekrktk"cmef go kn'dc ct,u,p, p"ctvo cu, "¾ "i Äxgp" xg"¾ " { gvt'rkñf w {i wrct, p, 'hç| cpo crct, 'i kdk'kt±qm'ncrpf c'gnk'k'qrctkkt 0'Dw'dc no f c'ctc vto cf c'qtvc¾ tgvko " ¾ tpekrktk"¾ tgo g {g" {¾pgrkn'cn i ,ncpcp "f w { w ucn'xg"dkk ugn'gpi gmgtpk'dgrkrgo g {g" {¾pgrkn'dk " ¾±gnñi grk vto gnico c±rpo , vto'ctc vto c'vctco c'o qf grkpf g"plegn'dk"±cn o cf ,t0'ctc vto cf c'¾±gnñi i grk vto g"dcuco crct, "f q twmwupf c"crp {c | ,p"vctco cu, " {cr ,m , . "¾ tgo g" uÄgekpk" f w { w ucn'xg" dk k ugn'gpi gmgtpk" {¾pgrkn'94"o cf f gf gp"o g {f cpc"i grgp"dk"o cf f g"j cxw w'qnw wtwn w "xg" f kn'kg" ner uco " i g±gtrk k'p' uc no c {c" {¾pgrkn'±cn o crct" {ÄÄÄo Ä vÄ0" n±g kp" i g±gtrkn' xg" i Äxgpktrkn' ±cn o crct,pc" {¾pgrkn' xgtkgt" CHC" k±p"74: "xg" xg" F HC" k±p"539"qtvc¾ tgvko "¾ tpekulpf gp"grf g" gf kno k vto'CHC"pgvegukpf g"grf g"gf krp"Ä±dq {wuw' {cr , "F HC" {cr ,qrctn'vgu'gf kno k ."44"o cf f gf gp" o g {f cpc" i grgp" ¾±g kp" w {wo " k'p gmgtpk" \* luf ? 3083." TO UGC? 2026." UTO T? 2027." EHK 0 3." PHK 0 3." KHK 0 3+ {gvt'rkñf Ä g {f g'qrf w w'xg'Etqpdcej "cr j c'i Äxgpktrkn'neuc { ,rct, 'kug'¾±g kp'dq {wrct, " kg"i gprk'k±p"03"kr"0 5"ctcu, pf c" f g k k k'p gp"i Äxgpktrk kp" {Ämgn'qrf w w'dgrkrgpo k vto" n±g kp" dq {wrct, "o cf f gmg" w {i wpmwnc"dkrkng"crp {c | ,p"±gt±gxgukpf g"¾Äm'¾p" {cti , . "ngpf k'p'gpi mggo g"xg" ngpf kp'g"ce, o c'qrctn'cf rpf ,t, m , vto [ cr ,rp"cpck' rgtg"dc n "qrctn'ö" tgo g {g" [ ¾pgrkn'cn i ,ncpcp" F w { w ucn'xg"dkk ugn'gpi gmg" n±g k'p'p' i g±gtrk'xg"i Äxgpktrk"dk"¾±gnñi qrf w w'vgur k'gf kno k vto"

**Anahtar Kelimeler:** Qtvc¾ tgvko "¾ tpekrktk"¾ tgo g" gpi gmgtpk"dkk ugn'gpi gmg" . "f w { w ucn'gpi gmg" . "¾±gnñi grk vto g"

#### ABSTRACT

Y j gp"rgctpkpi "ku"eqpuk gtgf "cu" c" rñgnpi "r tqeguu. "r gtegxg" "chgevxg" cpf "eqi pkxg" dcttkgtu"o c { " pgi cvxgn { "chgevt' f kutw v'j ku' r tqeguu. "f gr gpf kpi "qp" xctkqwu' hcevqtu' uwej "cu' hçt "qh' hçkwtg. "b qvxcvqp. " cpf "rgxgn' qh' tgec kpguu' Vj gtghqtg. "f gvto k'p'pi "rgctpkpi "dcttkgtu" kp" vto u' qh' chgevxg" cpf "eqi pkxg" ej ctcevt'ku'eu' ecp "dg" ghgevxg" kp" b cp { "ctcu' uwej "cu' kpetgucupi "uwf gpw' / cecf go ke' uweeguu' cpf "i cklpi " ugrh' eqphk' gpeg" cpf "ugrh' ghiece { "rgtrpi u'0'p' v'j ku' eqpvz. v. "y' g' cko "qh' v'j g' uwf { "ku' v' f g' xgnr "c' uerç" v'q" f gvto kp' v'j g' r gtegxg" "chgevxg" cpf "eqi pkxg" dcttkgtu" v'j "rgctpkpi "qh' ugeqpf ct { "uej qqn' uwf gpw' Vj g" tguçtej "ku" c' s wcp' kcvxg" uwf { "kp' v'j g' uwf xg { "r cwgt' 0'p' v'j g' uwf { . "c' rkgtcw' g' t' g' x' k' y' "y' cu' eqpf wevg' "kp" rkp' y' k'j "v'j g' uerç" f' g' xgnr o gpv' uci gu. "cp" kgo "r qqn' eqpuk' k'p' "qh' 94" kgo u' y' cu' etgevgf "tgi ctf kpi "v'j g" chgevxg" cpf "eqi pkxg" dcttkgtu" qh' v'j g' rgctpkpi "r tqeguu. "cpf "uwf kgu' y' gtg' ecttkgf "qw' v'j "gpw' t' r' pi wci g"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

cpf "eqpygpv'xcrkf k{0F cvc "hqt"yj g'xcrkf k{ "cpf "tgrkcdkxk{ "uwf kgu'qh'vj g'uecrg"y gtg"qdvckpgf "Itqo "74: " ugeqpf ct { "uej qqn'uwf gpw" hqt "GHC" cpf "Itqo "539" ugeqpf ct { "uej qqn'uwf gpw" hqt "EHC0'Vj g"vj tgg/ f lo gpukqpcn'ut wewtg"qdvckpgf "cu"c"tguwn'qh"GHC"y cu'vugvf "d{ "o cnkpi "EHC."cpf "k'y cu'f gvgto kpgf " vj cv'vj g'hk'xcnwg"qh'vj g'uecrg"eqpukvki "qh'44'kgo u"\* luf ? 3083."TO UGC? 2026."UTO T? 2027."EHK Q 3." P HK Q 3."HKQ 3+'y gtg"cv'c"uwf hlekp'v'rgxgn'cpf "dgecwug"Etqpdcej "crr j c"tgrkcdkxk{ "eqghlekpw" xct { " dgw ggp'03"cpf '0 5."vj g'tgrkcdkxk{ 'y cu'eqpukf gtgf "cu'j ki j "dqj 'kp" f lo gpukqpu'qh'vj g'uecrg"cpf 'kp"qvcr0' Vj g'f lo gpukqpu'qh'vj g'uecrg"y gtg"pco gf "cu'lo r rlek'r tglwf leg."ugrh/j cpf lecr r kpi "cpf "ugrh/r k{ "y kj kp" vj g'ueqr g"qh'vj g'rkgtcwtg."kp"ceeqtf cpeg'y kj "vj g'kgo u0Dcugf "qp"vj g'cpcn{ uku."k'y cu'f gvgto kpgf "vj cv' vj g0Rgtegkxgf "Chgevxg"cpf 'Eqi pkxg'Dcttlgtu'v'Ngctpkpi 'Uecrg0'ku'c'xcrkf "cpf "c'tgrkcdng'uecrg0'

**Keywords:** Ugeqpf ct { "uej qqn'uwf gpw."rgctpkpi "dcttlgtu."eqi pkxg"dcttlgtu."chgevxg"dcttlgtu."uecrg" f gxgnr o gpv'

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#### COMPARATIVE DETERMINATION OF PROLINE CONTENT IN BARLEY AND BEAN SPROUTS UNDER EXTREME SALINITY CONDITIONS

"

*Doctoral student Boyukkhanim JAFARZADE*

*Dcmw'Ucvg'Wpkxgt ukf. 'Hcewn' 'qh'Dkqrqi { . 'F gr ct wo gpv'qh'Rrcpv'Rj { ukqrqi { "cpf 'Dqvcp' . 'Dcmw.' C/ gt dckcp*

*Doctor of Biological Sciences, Prof. Vilayet ABDIYEV*

*Dcmw'Ucvg'Wpkxgt ukf. 'Hcewn' 'qh'Dkqrqi { . 'F gr ct wo gpv'qh'Rrcpv'Rj { ukqrqi { "cpf 'Dqvcp' . 'Dcmw.' C/ gt dckcp*

*PhD in Biological Sciences, Assoc. Prof. Sevinj ISMAYILOVA*

*Dcmw'Ucvg'Wpkxgt ukf. 'Hcewn' 'qh'Dkqrqi { . 'F gr ct wo gpv'qh'Rrcpv'Rj { ukqrqi { "cpf 'Dqvcp' . 'Dcmw.' C/ gt dckcp*

*PhD in Biology, Teacher Nigar ALIYEVA*

*Dcmw'Ucvg'Wpkxgt ukf. 'Hcewn' 'qh'Dkqrqi { . 'F gr ct wo gpv'qh'Rrcpv'Rj { ukqrqi { "cpf 'Dqvcp' . 'Dcmw.' C/ gt dckcp*

*2nd grade master student Abdullayeva Mina Vusal*

*Dcmw'Ucvg'Wpkxgt ukf. 'Hcewn' 'qh'Dkqrqi { . 'F gr ct wo gpv'qh'Rrcpv'Rj { ukqrqi { "cpf 'Dqvcp' . 'Dcmw.' C/ gt dckcp*

"

#### ABSTRACT

Vj g'eqvqpv'qh'r tqrkpg'y cu'f gvgto kpgf 'lp'9/f c{/qrf "dctng{ "cpf "dgcpr'ur tqwu'ewnkxcvgf "lp'y cvgt "cpf "uqkl' ewnwgt'wpf gt "kuqecvqp"uqf kwo "P cEn'P c4UQ6+ucrkpkv' 'eqpf kkpup0'

Vj g'eqvqpv'qh'r tqrkpg"lp'yj g'cgtkn'r ct'v'cpf "tqqu'qh'9/f c{/qrf "dctng{ "cpf "dgcpr'ur tqwu'ewnkxcvgf "lp'y cvgt "ewnwgt'y cu'j ki j gt "vj cp"vj g'eqvqpn'f wg"vq"vj g'ghgev'qh'kuqecvqp"uqf kwo "ucnu0'Vj g'eqvqpv'qh'r tqrkpg"lp'yj g'tqqu'cpf "cgtkn'r ct'v'qh'dctng{ "ur tqwu'i tqy p"lp"uqkl'ewnwgt'kpetgcugf "lp'204/208' "lp'ucn' eqpegpvcvqpu"eqo r ctgf "vq"vj g'eqvqpn'dw'y cu'j ki j gt "vj cp"vj g'eqvqpn'f gur kv'qh'ku'f get gcug'f wt'kpi " uwdugs wgpv'eqpegpvcvqpu'kpetgcug\*20 /302' +0Vj g'eqvqpv'qh'r tqrkpg"lp'yj g'cgtkn'r ct'v'cpf "tqqu'qh'dgcp" ur tqwu'y cu'j ki j "cv'ny "ucn'eqpegpvcvqpu\*204/206' +cpf "dgmty "vj g'eqvqpn'cv'208' "eqpegpvcvqpu0'

O qtg'r tqrkpg'ceewo wcvkqp'y cu'f gvgto kpgf 'f wt'kpi "ucn'utgu'lp'ucn'tgukucpv'dctng{ "vj cp'lp'ucn'ugpukkg" dgcpr' rcp0'Vj g'kpetgcug'qh'r tqrkpg'eqvqpv'lp'r rcpu'wpf gt "gzvgo g'ucrkpkv' 'eqpf kkpup'ecp'dg'eqpukf gtgf " cu'qpg'qh'vj g'ng{ 'r ctco gvgtu'lp'yj g'ugrgevqp'qh'ucn'tgukucpv'i gpqv{ r gu0'

**Key words:** 'r tqrkpg. 'ucrkpkv'. 'kuqecvqp'uqf kwo . 'y cvgt "ewnwgt. "uqkl'ewnwgt0'"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DEPREM SONRASI GEBELERDE YAŞANAN UYKU SORUNLARININ DEPRESYONLA İLİŞKİSİ: KESİTSEL BİR ÇALIŞMA

#### THE RELATIONSHIP BETWEEN SLEEP PROBLEMS AND DEPRESSION IN PREGNANT WOMEN AFTER THE EARTHQUAKE: A CROSS-SECTIONAL STUDY

*Hatice Ashhan Hacimuhittinoğulları*

*J go kt g."Quo cpkğ g'Mqt mw'Çx 'Çpkxgt ukxguk 'Uc n,mDkko rgt k'Hcn'Åvxguk 'J go kt grkm'Quo cpkğ g." VÅtnkğ g0'*

*QTEKf 'Kf <j wr u-Ålqt ekf Qti 1222;/2223/5284/8643"*

*Esra Ünal*

*Arş. Gör. Dr, Osmaniye Korkut Ata Üniversitesi, Sağlık Bilimleri Fakültesi, Hemşirelik, Osmaniye, Türkiye.*

*ORCID ID: https://orcid.org/0000-0002-2255-0447*

#### ÖZET

I gdgrkm"lk knugn"twj ucn'xg"uqu{cn'c±,rtf cp"±g kık'f g k ko rgtg"pgf gp"qrnp"ncto c ,m'dk"uÅtg±kt0'Dw' f 3/4pgo f g"qtvc {c"±,nep"w{mw'ugt wprct,"xg"fg r tgu{qp}j go "cppg"j go "f g"dgdg kp" {c co "nerkgukp'ekf f k' dkk0 f g"gnkng{gdkn gmgf kt0'Gn'qrctem"vqr nwo ucn'qr{rt"xg"fg q cn'chgvtg"i kdk'vtxo cvknif gpg{ko rgt." 3/4 grkmng"i gdgrkm" f q wo "xg" f q wo "uqptcu," f 3/4pgo f g" nef ,prct,p" r uknqm|kn' f wto rct,p," qnwo uw " gnkng{gdkt0F gr tgo "i kdk'vtxo cvknqr{rt."cppgrgtf g"w'mw'ugt wprct,pc" {qn'c±ctenm' Åpn'ni' {c co rct,p," xg"dgdgmgtk'ng"nwtf wncct,"kk nk'k'uc n,m,"dk" gnkf g"uÅtf Åto grgtkp'| qtrc v,cdkkt0'W'mw'nerkgukp' c| cm cu, {rc" dkrkmng."cppgrgtf g" {gvtuk' rkn' f w' i wct,." ne {i ," xg" utgu" i kdk' qnwo uw " f wto rct" ctv, " i 3/4ngtgdkt0' Dw' pgf gpg." f g k gp" tqngt g" w' wo " uc nro c" uÅtgekpf g" o g{f cpc" i grgp" f q cn' chgvtg." nef ,prct,p" w' mw' f Å gprgtkp' xg" twj "uc n ,p," qnwo uw " {3/4p g" gnkng{gtgn'f gr tguh' dkt" twj " j crkp" {qn' c±cdkkt0'Dw'de nro f c."dw'ugt wprct," dgkrngo gn'xg" nef ,prct,p" dw' f wto rctf cp" pcu,n'gnkngpf k kp' i 3/4 " 3/4p Åpf g'dwmpf wtcten'uc n'nj k o gkr' rcpno crct, "{cr o cnj c {cvk'3/4pgo g'ucj kr kt0'Dw'±cn o cp,p'co ce,." f gr tgo "uqptcu," i gdgrkm' f 3/4pgo kp' g" {c cpcp" w' mw' ugt wprct,p,p" f gr tgu{qp} i grk o g" tkunk' Å g'kp' gnk' gnkukp' dgkrngo gmkt0'Dw'±cn o c."ngukugri'xg"kk nk'k'pegng g" vÅt Åpf g'r rcpno , "qnw ." wdcvJ c| kcp" 4246"vctkj rgtk'ctcu,pf c'Quo cpkğ g'F gxrvg'J cuvcpgukMcf ,p'F q wo "Rqrknkpk kp'gd' xwcp'xg"±cn o c {c" nev,m c {c"i 3/4p Ån'Å"qrnp"554"i gdg" nef ,p" Å g'kp' g" i gt±gmg vt kro k kt0'Xgtkgt."Vcp,ve,"Dki k'Hqto w." I gdgrkmng" [ c cpcp" W'mw' Ugt wprct,p," Dgrkngo g" .. n±g k' \*I [ WU/D' "+" xg" Gf kp'dwti j " Rquv ctwo " F gr tgu{qp}" n±g k' \*GRF" +mwncp,rtcten'vqr ncpo , vt0'Grf g'gf krgp"xgtkgt"URUU'47"r tqi tco ,"kg"cpck' " gf kro k kt0' ¥cn o cf c." f gr tgo "uqptcu," i gdgrngt'p" 89.8)u,pf c" w' mw' nerkguk' xg" uÅt'gukpf g" c| cm c" {c cpf, ," ucr vcpo , vt0' I [ WU/D' " xg" GRF" " ctcu,pf c" r q| kkh' {3/4pn'Å' cpno n" dk" kık nk' qrf w w' dgkrngpo k kt0'±2.656±>2023+0I gdgrkmng" {c cpcp" w' mw' ugt wprct, 3/4n±gnir wcp, 'ctw,nc. f gr tgu{qp' tkunk' 308"nev' ctwo cmcf ,t0' I gdgrkm' f 3/4pgo kp' g" {c cpcp" w' mw' ugt wprct, "kg" f gr tgu{qp} ctcu,pf cnk' kık nk' k' cpno cm'j gt'knkf wto w' {3/4pgo gnk'kp'gnk'kt'vctvlgkgt' i grk kt o gn'c±,u,pf cp'3/4pgo rkt kt0'Dw' f q twmwf c." i gdgrngt'p'htmpf cn ,p,p'ctv,t,m cu,"xg'uc n'nir tqhgu{qp'gnk'kp' f gr tgu{qp} c±,u,pf cp' tkun'ni' twdwpf c" {gt' crp' i gdgrngt' 3/4 grkmng' f g gtrngpf kto guk'3/4p'gtko gmgf kt"

**Anahtar Kelimeler:** 'F gr tgo . 'i gdgrkm' w' mw' f gr tgu{qp}0'

#### ABSTRACT

Rtgi pcp{ 'ku'c'eqo r ngz 'r tqegu'vj cvhgcf u'v'q'xctkqwu'r j {ulecn'r u{ej qm'i kecn'cpf 'uqekcn'lej cpi gu0'Unggr " f kuqt f gt'u'cpf 'f gr tguakp'vj cv'ctkug'f wtkpi 'vj ku'r g'kqf 'ecp'uki p'k'ecp'w' {ko r cev'vj g's wcrk' {qh'ik'g'ht' 'dqj "

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vj g'o qvj gt"cpf "vj g'dcd{OCffklqpcmf .\tcwo cvke"gzr gtlgpegu'wej "cu'uqekcn'gxgppu'cpf "pcwtcnf kucvgtu" o c {"pgi cvkxgn "chgevy qo gpau'r u{ej qmji lecn'y gm/dgkpi . "gur gelcmf "f wtkpi "r tgi pcpe{ . "ej kf dktvj . "cpf " vj g'r quv ctwo "r gtlqf 0Vtcwo cvke"gxgppu'fkn"getvj s wcn"gu'ecp'ecwug'unggr "r tqdigo u'kp'o qvj gtu."o cnkpi " k'ej cmgpi kpi "hqt"vj go "vq"o clpvkpc"j gcnj {"f cknf "hkg"cpf "tgrvklpuj kr "y kj "vj gk"ded{0Y kj "c" f getgcug" kp"unggr "s wcrk{ . "o qvj gtu'o c {"gzr gtlgpeg'hggkpi u'qh'kpcf gs wce{ . "cpzkgv{ . "cpf "utguu0Vj gtghqtg. "pcwtcnf f kucvgtu'qeewtkpi "f wtkpi "vj g'cf cr vclqp"vq"ej cpi kpi "tqrnu'ecp"pgi cvkxgnf "ko r cevy qo gp'u'unggr "r cvgtpu" cpf "o gpwclj gcnj . "rgcf kpi "vj go "vq"gzr gtlgpeg" c" f gr tguukxg"o qaf 0Kp"vj ku"eqpvzv. "k'ku'xkcn"vq"kf gpvkh{ " vj gug"r tqdigo u"cpf "o cng"j gcnj ectg"ugt xleg"r rpu'd {"eqpukf gtlpi "j qy "y qo gp"ctg"chgevgf "d {"vj gug" ukwcvklpu0Vj g" clo "qh"vj ku"uwf {"ku"vq" f gvtgto kpg"vj g" ghgevgf "qh"unggr "f kuqtf gtu"gzr gtlgpegf "f wtkpi " r tgi pcpe{ "qp"vj g'tkum'qh'f gr tguukq"chgt"cp"getvj s wcn"gu0Vj ku'uwf {"y cu'r rppgf "cu'c'etquu'ugevklpncf" tgrvklpncf"lpxguki cvkq"cpf "y cu'eqpf vevgf "y kj "554"r tgi pcpv'y qo gp"y j q"cr r rkgf "xqmpvctkn"vq"vj g" Qdugvkleu"cpf "I {"pgeqni {"Erikle"qh"Quo cpk{g"Ucvg"J qur kcn'dgy ggp"Hgdtwct {"cpf "Lxpg"42460F cvc" y gtg"eqmgevgf "wulpi "vj g" F guetkr vlxg"Kphqto cvkq"Hqto . "vj g"Uecrg"ht" F gvtgto kpkpi "Unggr "F kuqtf gtu" F wtkpi "Rtgi pcpe{ " \*URU/Ry + "cpf "vj g" Gf kpdwti j "Rquv ctwo "F gr tguukq" Uecrg" \*GRF U0' Vj g" f cvc" qdvkpgf "y gtg"cpncf | gf "wulpi "URU"470Kp"vj g"uwf {"k'y cu"hqwpf "vj cv'8908' "qh"r tgi pcpv'y qo gp" gzr gtlgpegf "c" f getgcug" kp"unggr "s wcrk{ "cpf "f wcvkq" chgt"vj g" getvj s wcn"gu0C" r qukxg"uki plklecpv' eqttgrvklpu"y cu'hqwpf "dgy ggp"vj g"URU/Ry "cpf "GRF U"i<20656=r>2023+0Cu"vj g'unggr "f kuqtf gt"uecrg" ueqtg" f wtkpi "r tgi pcpe{ "lpetgcugf . "vj g"tkum'qh'f gr tguukq"lpetgcugf "d {"308"ko gu0Wpf gtucpf kpi "vj g" tgrvklpuj kr "dgy ggp"unggr "f kuqtf gtu"cpf "f gr tguukq" f wtkpi "r tgi pcpe{ "ku" guugpvkn' hqt" f gxgnr kpi " ghgevxg"utcvgi kgu"vq"o cpci g"dqv "eqpf klqpu0Kp"vj ku'tgi ctf . "k'ku'tgeqo o gpf gf "vq"lpetgcug"r tgi pcpv' y qo gpau'cy ctgpgu'cpf "hqt"j gcnj ectg'r tqhguukqpcnu"vq" gxcnvcg'r tgi pcpv'y qo gp"kp"vj g'tkum'i tqwr "hqt" f gr tguukq"y kj "r ctvkwct"cvgpvklpu0

**Keywords:** "Cctvj s wcn. "r tgi pcpe{ . "unggr . "f gr tguukq0"

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gpx{ 'k'qtf gt 'v'i ckp'J ku'r ngcuwtg.'y j kej 'ku'ecmgf "o wpcuc). 'y j kej 'o gcpu'oeqo r gvki 'k'i qqf 'f ggf uo' Dcuqf "qp"vj ku'eqptcu'kp"o gcpki "dgw ggp" gpx{ "cpf "gpx{ . 'k'ku'wfp gtuwqf "vj cv'vj gtg'ku'cp"grs wgpv' uwdvrgv{ 'k'vj ku'j cf vj O'k'c'y c{ . 'k'ku'c)mf w'o gf j 'dlo " { wuj dkj w} /| go )Dgecwug' gpx{ 'ku'o gpvqpgf " cu' gpx{ 'd{ 'pco g.'cpf "vj gp'vj g'o gcpki "qh' gpx{ )'kugh'ku'tgphqtegf "y kj "dqj "vj g'rgwt/gzegr vqp"cpf " vj g'r qukxg'o gcpki O'Qp"vj g'qvj gt"j cpf . 'vj g'rkngpki "qh' gpx{ 'v' gpx{ )'cpf "vj g'wug'qh'ku'pco g\*y qtf + " ku'kuk-tg/k'cut j k{ g0

**Keywords:** 'J cf kj . 'Uwpcj . 'Gpx{ . 'Lgcqwu{0'

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#### NATO KODLANDIRMA SİSTEMİNİN SAVUNMA SANAYİİ SEKTÖRÜNDEKİ ROLÜ VE ÖNEMİ THE ROLE AND IMPORTANCE OF NATO COIDIFICATION SYSTEM IN THE DEFENSE INDUSTRY SECTOR

Burak KEPME

Gpvgi t g'NqlkknfF guvgnW|o cp,"

MQNWOC P'QVQO QV X'GPF ©UWT 'C "

QTEKF 'KF <222; /2224/2678/4: : Z"

#### ÖZET

P CVQ" Mqf rcpf ,to c" Ukugo k" cungrk' ukrcj " xg" ukugo rgtklp" wawurtctcu," f Ñ g{f g" vcp,o rpo cu," u,p,hrcpf ,t,m cu,"xg" { 3pgvko guk'k'p"i grk vktro k "dk"ucpf ctwt,0P CVQ"Mqf rcpf ,to c"Ukugo k"P CVQ" Ñ guk'xg"P CVQ"kg" k dkrk k' { cr cp" Ñmrgt'ctcu,pf cnk'dki k'cn "xgk k'p"mqr{rc vt,m cu,p,"o cñ go g" w' wo nww vwp" ctvt,m cu,p," xg" o cñ go grgt' ctcu,pf cnk' ucpc ctw,p" qnw o cu,p," uc rno cmc. "nllkknf u' Ñ g+rgt" { 3pgvko k'p'o crk' gv'gnk' dk "j crg"i gkto gmg"xg"dw"uc { gf g"ucxwpo c"ucpc { kulp'p"gnk'pik k' ctvt,m cmcf ,t0

Ucxwpo c" Ucp{kk' Ugm 3/4 Ñ" kug="f , "wpurtctc" net , "dk" Ñmrgp"i Ñxgrik k'p'uc rno cni'co ce, {rc "±qni' f k'ur rkp'k'xg"ncto c ,n'cungrk'ukugo rgtk'p."ukrcj rct,p."vg+j k' c'vrt,p"i grk vktro guk'xg" Ñgvko guk'p" { 3pgvko v' Ñ "hcrck' g'rgt'ner uco cmcf ,t0Ucxwpo c" Ucp{kk'ugm 3/4 Ñ" { Ñmgn'vgnpqmllk'i gtgnk'gp"dk"crp"qnr " { gpkrk'k'±3/4 Ño rgtklwpo c { ,j gf ghr{ gp."ucj c {c'uwprcp'ukugo rgtk'p"nllkknf'qrc'cnf' guvgnpgdkrkr k'p'p" d' Ñ Ñm'pgo "ct| gwk k'dk'ugm 3/4 f Ñ0

P CVQ'Mqf rcpf ,to c'Ukugo k'Ucxwpo c'Ucp{kk' k'k'±qni'f k'ur rkp'k'xg"ncto c ,n'ldk'ugm 3/4 f g'ucpc ctvrt,p" qnr wtwno cu," Ñmrgt'ctcu," k dkrk k'p'ctvt,m cu," ucj c {c'uwprcp' Ñ Ñmrgt'p' 3/4 Ñ" f gxt'kdq { wpc' nllkknf' c±f cp" f guvgnpgdkrkr k'p'uc rpo cu," k'p'ntkkn'dk" 3pgo g"j ck' f k'0I grcgmg." f k'k'cng o gp'p'xg" k'p'vcmk'k'g'p'p" f c'j c" f c" i grk o guk'ng" ukugo " f c'j c" gnk'p" xg" g'k' k'gdkrk" dk" j crg" i grgdkrk"." cungrk' qr gtcu { qprct,p'dc ct,u,p," f guvgn{gdkrk'0

Anahtar Kelimeler:" P CVQ" Mqf rcpf ,to c" Ukugo k" P CVQ" UVQM' P WO CTCUK \*P UP ±" Gpxcpvgt" [ 3pgvko k'

#### ABSTRACT

Vj g" P CVQ" Eqf h'ecvqp" U{ vgo " ku" c" ucpc ctv" f g'xgrg' gf " hq" vj g" k'p'vtpcvkp'cn' kf gp'v'h'ecvqp." ercu'h'ecvqp."cpf "o cpci go gp'v'qh'o k'k'ct { "y gcr qpu'cpf "u{ vgo u0Vj ku'u{ vgo "rc'ek'k'cvgu"vj g" gzej cpi g" qh'lp'hto cvkp'co qpi 'P CVQ'b go dgt'ucv'g'u'cpf "eq'w'v'kg'u'eqm'rd'q'cv'p'i "y kj 'P CVQ."gpj cpegu'b cvgtk'cn' eqo r cvdk'k'k'."cpf " guvdrkuj gu' ucpc ctv u" co qpi " xct'k'wu" o cvgtk'cn'0 D { "o cnk'p'i "vj g" o cpci go gp'v'qh' nji k'v'ku'r' t'qegu'gu'b q'tg'equ'v'gh'g'v'xg."k'v'w'ko cvgn' "k'p'et'g'cugu"vj g"gh'kece { "qh'vj g'f gh'g'pug'k'p'f wut { 0

Vj g" F gh'g'pug" k'p'f wut { "Ugevqt" g'peqo r cu'gu'cm'cev'k'k'kg'u't'gr'v'gf "v"vj g'f g'xgrg' o gp'v'cpf "r t'qf we'v'qp"qh' eqo r ngz "o k'k'ct { "u{ vgo u."y gcr qpu."cpf "gs vkr o gp'v'cko gf "cv' g'pu'w'k'p'i "c" pc'v'k'p'au" ugev'tk' { "ci c'k'p'v' gz'v't'p'cn'vj t'g'cu'0Vj ku'ugevqt."ej ct'cev'tk' gf "d { "j ki j "v'gej p'qmi k'cn'f go cpf u."uggm'v'q'r t'q'x'k'f g'k'p'p'q'x'v'xg" u'q'n'w'k'p'u'y j k'rg'r r'ce'k'p'i "i t'g'cv'ko r q't'v'peg"qp"vj g"nji k'v'k'cn'u'w'r r q't'v'cd'k'k'v' { "qh'vj g'u{ vgo u'f gr m { gf "k'p'vj g" h'grf 0

K'p" c" o w'k'ke'g'v'gf "cpf "eqo r ngz "ugevqt" uwej "cu"vj g" F gh'g'pug" k'p'f wut { ."vj g" guvdrkuj o gp'v'qh" ucpc ctv u" vj tqwi j "vj g' P CVQ" Eqf h'ecvqp" U{ vgo "ku"et'k'ke'cn'ht'gpj cpe'k'p'i "k'p'v't'p'cv'k'p'cn'eq'qr g't'cv'k'p'cpf "g'pu'w'k'p'i " vj g" nji k'v'k'cn' uw'r q't'v'cd'k'k'v' { "qh' r t'qf we'u" vj tqwi j q'w' vj g'k' r'k'g" e { eng'0 K'p" vj g" h'w'w't'g." y kj " h'w't'v' g't"

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cf xcpago gpw"lp" f ki kcrk cwp"cpf "kpygtcevkkv". "yj g"u{uvg "o c{"dgeo g"gxgp"o qtg"ghgevkg"cpf "  
ceegukdr."yj gtgd{"uwr r qtvp"i "yj g"uweegu"qh'o kkrct {"qr gtcvqp'u'

**Keywords:** P CVQ'Eql kkecvqp"U{uvg "o .P CVQ"UqemP wo dgt. "kpxgpvt {"O cpci go gpv







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y kn'dg'f qpg'cpf "yj g'kphgtgpegu"qdvckpgf "y kn'dg"wpf gtrkpgf 0Vj wu. "k'ku"cko gf "vq"eqpvtkdwg"fk genvf "vq" yj g'hgrf "qh"vcpurvkqp"uwf lgu"cpf "rpi wku"cpf "kpf ktgevf "vq"yj g'hgrf "qh"rkgtcwtg"cv'yj g'gpf "qh"yj g" uwf {0'

**Key words:** "Vtcurvkqp"Uwf lgu."gs wxcngpeg."ugo cpvku."Ej gnj qx."öO kgt {ö"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### A CROSS-SECTIONAL STUDY ON THE PREVALENCE AND FACTORS INFLUENCING KNOWLEDGE OF MUSCULOSKELETAL DISORDERS AMONG MEDICAL SERVICES PROVIDERS AND STUDENTS IN KING KHALID UNIVERSITY, ABHA, SAUDI ARABIA

Ms. Safia Irshad Ahmad

Ms. Rahaf Hamed Algarni

DOE "Dc wgt lgg" O gf kecn Eqngi g# "Cuggt 'Eco r wu. 'Uwfk' Ctdck' O

#### ABSTRACT

**Background:** "O wuewqungrgvncf kuqtf gtu" \*O UF u+ ctg" i tqy kpi "kpetgculpi n" o qtg" eqo o qp" kp "Uwfk' Ctdck" cpf "tcpnki "cu" yj g" yj kf "o clqt" rncf kpi "tgcup" hqt" j qur kcn' xkuku' pcvkqpy kf gOEqpukf gkpi "yj gk" y kf gur tgc f' r tgcrcpeg. "yj g'gzvqv'qh'hpqy rnf i g'tgi ctf kpi "yj g'f kci pquku' cpf "tgcwo gpv'qh' O UF u' j cu" { gv' vq" dg" gzc o kpgf O **Material & Methods** - "Vj ku' etquu/ ugevkqpcn' uwf { "cf o kpkvgtgf "cp" qprkpg" 4: / s wgvkqpu" cdqw' O UF " uetggkpi " vq" tgi kvgtgf " r j { ulecn' yj gter { "r tqhguukqpcnu. " i gpgtcn' r tcevkqpgtu. " f qevqtu. " qt yj qr gf kuw. " cpf " hpcn' { gct " r j { ulecn' yj gter { "cpf" o gf lekpg' uwf gpw' cu' y gm' cu' kpvgtpu' kp" Mki " Mj crkf " Wpkxgtukf. " Cdj c. "Uwfk' Ctdck' O Vy q' xctkcdng" rkpget "tgi tguukq" o qf gmkpi "o qf gnu" j cxcg" dggp" wugf "vq" cpcn' | g' f khtgpegu" kp" O UF "vgu' tguwmu" co qpi " \*3+ " qt yj qr gf kuw. " r tko ct { "ectg" f qevqtu. " cpf " r j { ulecn' yj gter kuw. " cpf " \*4+ " o gf lekpg' cpf " r j { ulecn' yj gter { "vclpggu" cpf " kpvgtpu" O **Results:** " Vj g' tcur qpugu' qh' 5: 2" kpf kxf wcu' y gtg' kpenf gf " kp" yj g' uwf { . " { kgrf kpi " c" tcur qpug' tcvg' qh' 420' O Vj g' ewo wrcvkg' O UF " vgu' ueqtg' y cu' 690' . " y kj " c' r cuukpi " r gtegpvi g' qh' 35' O V { r g' 3' kpf kecvf " y cv' yj g' qt yj qr gf ku' i tqw " j cf " c" uki pklkcpw' " grxcvfg " o gcp " ueqtg' qp" yj g' O UF " vgu' eqo r ctgf " vq" r j { ulecn' yj gter kuw " \*r " > " 2023+ " cpf " r tko ct { "ectg" r j { ulekp" \*r " > " 2027+ O P qpgv grguu. " yj g' cuuguu gpw' qh' r tko ct { "ectg" r j { ulekp" f kf " pqv' uwducpvcn' " f khtg' hqo " yj qug' qh' yj g' r j { ulecn' yj gter { " i tqw " \*r " ? " 2029+ O V { r g' 4' kpf kecvf " yj cv' r j { ulecn' yj gter { " kpvgtpu' cej kxgf " c" eqpukf gtdcn' " j ki j gt " o gcp " ueqtg' qp" yj g' O UF " vgu' eqo r ctgf " vq" o gf kecn' uwf gpw' \*r " > " 2023+ O P qpgv grguu. " pq' uwducpvcn' khtgpegy' cu' qdugtxgf " dgvy ggp' b gf kecn' uwf gpw' cpf " r j { ulecn' yj gter { " uwf gpw' O **Conclusion:** " Cr ctv' hqo " qt yj qr gf ke" r j { ulekp. " yj g' npqy rnf i g' qh' o wuewqungrgvncf kuqtf gtu' co qpi " j gcmj " r tqhguukqpcnu. " cu' y gm' cu' b gf lekpg' cpf " r j { ulecn' yj gter { " uwf gpw' cpf " kpvgtpu' kp" Mki " Mj crkf " Wpkxgtukf. " Cdj c. "Uwfk' Ctdck. " ugg o u' kpcf gs wcvg' O K r tqxkpi " npqy rnf i g' eqpegtpki " O UF u' f go cpf u' c' t' gkphqtego gpv' qh' O UF " kphqto cvkq" kp" dqj " wpf gti tcf wcvg' gf wecvkq" cpf " r quv' r quv' tcf wcvg' uwf { O

**Key words:** "O wuewqungrgvncf tqdrno u. " r tko ct { "ectg" f qevqtu. " r j { ulecn' yj gter kuw. " uwf gpw. " kpvgtpu" "

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**JÜT GÖRÜNÜMLÜ POLİPROPİLEN İPLİKLER KULLANILARAK OUTDOOR  
HALILARIN TASARLANMASI  
DESIGNING OUTDOOR CARPETS USING JUTE-LOOKING POLYPROPYLENE YARNS**

*Betül TURAN<sup>1</sup>*

<sup>3</sup>F qmwgnu'Vgmaki' Mq/c' J c'n' Vcuct, o 'O gtng/k±' I c/kpvr. 'VĀtnk' gO'

<sup>3</sup>QTEK' K' <j wru<llqte'f Qti 1222; /2226/6568/; 597"

*Gülbin FİDAN<sup>2</sup>*

<sup>4</sup>FtO" tO{guk' I c/kpvr 'Opxgtukuk' 'Pcek' Vqr±wq mw' O[ Q. 'I c/kpvr. 'VĀtnk' gO'

<sup>4</sup>QTEK' K' <j wru<llqte'f Qti 1222/2224/9; 7: /4848"

**ÖZET**

Qwf qqt "j cnrtt" {Āmgn} {ĀĀo g' vclh kpg'o ctw' "nem cmcf, tO'Dw'f wtw' "j cn" {Ā g' {f ghqt' o cu {qpw'w' ctw, f , , pf cp. 'dw'ĀĀprgtf g'hwncp, rcp' r' rkngt' k'p' c' .po c' f' k' gpe' k'p' k' k' qm' cu, 'dgnmg' p' t, ec. F, 'qt' w' o " pgf g' p' k' r' Āp' g' k' p' g' f' g' p' q' r' ec' , 'tgpmh' { d, 'i' k' d' l' ctctf' cp' j' cn' { , 'nqt' w' o' c' m' l' co' ce, { r. ' j' c' n' p, p' 'tgpmh' x' g' WX" f c { cp, o , p, p' k' k' qm' cu, 'k' w' p' k' O' D' w' p' g' f' g' p' f' q' r' e' { . . ' r' q' r' k' t' q' r' k' g' p' r' r' k' m' g' t' h' w' n' c' p, r' e' t' c' m' q' w' f' q' q' t' h' w' n' c' p, o' " co' c±n' j' cn' ĀĀg' w' o' k' i' g' r' k' v' l' k' m' k' v' t' O' D' w' ±' cn' o' cp, p' 3' p' go' k' x' g' f' k' g' t' ±' cn' o' c' m' t' f' cp' ' h' e' t' m. " c' v' n' k' r' k' k' q' r' e' t' c' n' l' { q' w' p' " d' k' e' l' o' f' g' " m' w' n' c' p, r' e' p' l' Ā' v' " k' r' k' k' { g' t' k' p' g' " o' q' f' k' h' k' g' " k' r' g' o' " { c' r, m , " r' q' r' k' t' q' r' k' g' p' " k' r' k' m' g' t' k' p' " m' w' n' c' p, m' cu, f, t' O' L' Ā' v' k' r' k' m' g' t' k' Ā' m' go' k' f' g' Ā' t' g' v' k' o' g' { k' r' " k' j' c' n' g' f' k' o' m' g' m' g' f' k' t' O' R' q' r' k' t' q' r' k' g' p' " k' r' k' m' g' t' k' p' " o' q' f' k' h' k' g' " g' f' k' o' g' u' k' u' c' { g' u' k' p' f' g' " l' Ā' v' x' g' " { Ā' p' g' d' g' p' l' g' g' p' d' k' " { c' r, f' c' " k' r' k' m' l' Ā' t' g' v' k' o' k' { c' r, m , , v' t' O' D' 3' 4' r' g' r' k' m' g. " { w' t' f , , p' c' " d' e , o' n' n , , p' c' | c' m, r' e' t' c' n' i' k' j' c' n' v' p' f' Ā' Ā' Ā' r' o' g' u' k' c' o' c±r' p' o , v' t' O' V' c' u' c' t' r' e' p' c' p' " q' w' f' q' q' t' j' c' n' r' t' f' c' " f' c' j' c' j' c' e' k' o' r' k' " d' k' " { c' r , x' g' l' Ā' v' k' r' k' m' l' m' w' n' c' p, o' , p' c' " i' g' t' m' l' f' w' l' w' o' c' f' c' p' " f' q' c' n' l' d' k' " i' 3' 4' Ā' p' Ā' o' g' u' c' j' k' r' " j' c' n' Ā' t' g' v' k' o' r' g' t' k' o' Ā' o' m' Ā' p' " j' c' r' g' i' g' u' k' k' o' k' v' t' O' j' c' x' " k' r' k' k' q' r' e' t' c' n' l' f' c' " n' a' p' x' e' p' u' k' { q' p' g' n' l' r' q' r' k' t' q' r' k' g' p' " k' r' k' m' g' t' " v' g' t' e' k' j' " g' f' k' o' k' v' t' O' V' c' u' c' t' r' e' p' c' p' " j' c' n' r' t' f' c' " c' v' n' " k' r' k' k' q' r' e' t' c' n' l' m' w' n' c' p, r' e' p' " o' q' f' k' h' k' g' " r' q' r' k' t' q' r' k' g' p' " k' r' k' m' g' t. " v' t' e' q' r' t' " \* Ā' ±' " t' g' p' m' " q' r' e' t' c' n' l' Ā' t' g' v' k' o' k' r' g' t' f' k' t' O' V' t' e' q' r' t' " D' E' H' " k' r' k' m' g' t. " Ā' ±' " h' e' t' m , " g' m' t' Ā' f' g' t' f' g' p' " d' g' u' n' g' p' g' p' " h' e' t' m , " t' g' p' m' g' t' f' g' n' k' " r' q' r' o' g' t' " g' t' k' k' m' g' t' k' p' " { c' p' { c' p' c' n' a' p' w' o' r' e' p' o , " f' Ā' g' r' g' t' g' " d' g' u' n' g' p' g' t' g' n' l' h' k' r' o' g' p' v' Ā' t' g' v' k' o' k' " g' m' l' p' f' g' i' g' t' ±' g' m' g' o' m' g' m' g' f' k' t' O' " C' v' n' " k' r' k' k' q' r' e' t' c' n' l' m' w' n' c' p, r' e' p' " o' q' f' k' h' k' g' " r' q' r' k' t' q' r' k' g' p' " k' r' k' m' g' t. " v' t' e' q' r' t' " g' m' l' p' f' g' " Ā' t' g' v' k' f' k' m' g' p' " u' q' p' t' c. " v' Ā' r' g' p' f' k' t' o' g' " o' c' n' k' p' g' u' k' p' f' g' " k' r' k' k' p' " v' h' u' k' l' g' t' g' n' l' v' Ā' { n' Ā' d' k' " { c' r , { c' " u' c' j' k' r' " q' m' cu , " u' c' r' e' p' o' c' m' c' f , t' O' D' w' v' Ā' { n' Ā' " i' 3' 4' Ā' p' Ā' o' " u' c' { g' u' k' p' f' g' " o' q' f' k' h' k' g' " D' E' H' " r' q' r' k' t' q' r' k' g' p' " k' r' k' m' g' t' " l' Ā' v' x' g' " { Ā' p' " i' k' d' k' f' q' c' n' l' r' k' m' g' t' g' " d' g' p' l' g' o' m' g' m' g' f' k' t' O' " D' 3' 4' r' g' r' k' m' g. " { Ā' m' g' n' l' c' , p' o' c' " f' c' { c' p, o' n. " t' g' p' m' l' x' g' " WX" j' c' u' n' m' e' t , " k' k' " j' c' h' k' l' " q' w' f' q' q' t' " j' c' n' " Ā' t' g' v' k' o' k' p' k' p' " i' g' t' ±' g' m' g' v' t' k' o' k' v' t' O' "

**Anahtar Kelimeler:** "r q'r k' t' q' r' k' g' p' . l' Ā' v' v' t' e' q' r' t' . j' c' n' . " D' E' H' O' "

**ABSTRACT**

Qwf qqt "ectr gu'ctg'gzr qugf "vq'c'j' gcx' { 'y cmkpi 'v'c'h'e'U'k'p'eg' 'v' j' ku'ukw'v'k'p' 'k'p'et'g'c'ug' 'v' j' g' e'c't' r' g'v' u'w' h' c' e' g' " f' ghqt' o' v' k' p' . " { c' t' p' u' w' u' g' f' " k' p' " q' w' f' q' q' t' " e' c' t' r' g' u' g' z' r' g' e' v' g' f' " v' q' " j' c' x' g' " j' k' i' j' " c' d' t' c' u' k' p' " t' g' u' k' u' c' p' e' g' O' H' k' p' " c' f' f' k' k' q' p' . " k' p' " q' t' f' g' t' " v' q' " r' t' q' v' e' v' " v' j' g' e' c' t' r' g' v' l' t' q' o' " f' c' o' c' i' g' u' u' w' e' j' " c' u' e' q' r' t' " n' q' u' . " e' c' w' u' g' f' " d' { " v' j' g' u' w' p' " f' w' g' " v' q' " v' j' g' " g' z' v' g' t' p' c' n' l' " g' p' x' k' t' p' o' g' p' v' . k' u' l' f' g' u' k' t' g' f' " v' j' c' v' e' c' t' r' g' v' l' c' u' l' q' q' f' " e' q' n' w' t' c' p' f' " W' X' t' g' u' k' u' c' p' e' g' O' H' q' t' " v' j' k' u' t' g' c' u' q' p' . " q' w' f' q' q' t' " e' c' t' r' g' u' " c' t' g' " r' t' q' f' w' e' g' f' " d' { " w' u' k' p' i' " r' q' n' l' r' t' q' r' { r' e' p' p' " { c' t' p' u' O' V' j' g' " l' o' r' q' t' v' e' p' e' g' " q' h' v' j' k' u' l' u' w' f' { " c' p' f' " k' u' l' f' k' h' t' g' p' e' g' " l' t' q' o' " q' v' j' g' t' " u' w' f' k' e' u' k' u' w' u' k' p' i' " q' h' o' q' f' k' h' k' g' " r' q' n' l' r' t' q' r' { r' e' p' p' " { c' t' p' u' l' p' u' n' g' c' f' " q' h' l' w' g' " { c' t' p' . " y' j' k' e' j' " k' u' e' q' o' q' p' n' l' " w' u' g' f' " c' u' y' g' h' l' " { c' t' p' O' L' Ā' v' " { c' t' p' u' c' t' g' " p' q' v' r' t' q' f' w' e' g' f' " k' p' " V' w' t' n' g' { " c' p' f' " v' j' g' l' " c' t' g' " l' o' r' q' t' v' e' g' f' O' D' { " o' q' f' k' h' k' p' i' " r' q' n' l' r' t' q' r' { r' e' p' p' " { c' t' p' u' . " { c' t' p' u' y' k' j' " c' " u' t' w' e' w' t' g' l' u' o' k' r' e' t' " v' q' l' w' g' c' p' f' " y' q' n' l' j' c' x' g' d' g' g' p' " r' t' q' f' w' e' g' f' O' V' j' w' u' . k' y' c' u' c' l' o' g' f' " v' q' t' g' f' w' e' g' l' o' r' q' t' v' u' " d' { " t' g' f' w' e' k' p' i' " f' g' r' g' p' f' g' p' e' { " q' p' " h' q' t' g' k' i' p' " e' q' w' p' t' k' u' o' l' k' p' " v' j' g' f' g' u' k' i' p' g' f' " q' w' f' q' q' t' " e' c' t' r' g' u' . " k' j' " c' u' d' g' e' q' o' g' " r' q' u' l' k' d' n' g' " v' q' " r' t' q' f' w' e' g' " e' c' t' r' g' u' y' k' j' " c' " o' q' t' g' " x' q' n' w' o' k' p' q' w' u' " u' t' w' e' w' t' g' c' p' f' " c' " p' c' w' t' c' n' l' e' r' r' g' e' t' c' p' e' g' " y' k' j' q' w' w' u' k' p' i' " q' h' l' w' g' "

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{ctpu0Cnuq."eqpxcpvklpcnr qnr r tqr {ngpg}{ctpu'ctg'wugf 'cu'r kg}{ctp'kp'f gukpi u0O qf kkgf 'r qnr r tqr {ngpg" {ctpu'ctg'wugf "cu'y gh}{ctp'cpf "ctg'r tqr wegf "kp'DEH'gej pqmji {."cu'tleqmt0Vtleqmt "DEH'{ctpu'ctg" r tqr wegf "d{ 'hgf kpi 'r qnr o gt'o gnu'y kj "y tgg'f kkgtpv'gztf gtu'vq"ur kpgtgv'r qukkppgf "ukf g'd{ "ukf g' O qf kkgf "DEH'tleqmt'r qnr r tqr {ngpg}{ctpu'y j lej "ctg'wugf "cu'y gh}{ctp.'hwhgf "kp'c'pcr r kpi "o cej kpg" vq'j cxg'c'j ckt {"wtvwtg0Vj cpml'vq'v'j k'j ckt {"cr r gctcpeg."o qf kkgf 'DEH'r qnr r tqr {ngpg}{ctpu'iqnkrng" pcwtnl{ctpu'uwej "cu'lwg"cpf "y qqr0Vj wu."y g'r tqr wevqp"qh'ri j v'y gli j v'qwf qqt"ectr gv'u'y kj "j ki j" cdtculqp'tgukcpeg."i qaf "eqmwt"cpf "WX'lcuvgu'y cu'qdvclpgf 0

**Keywords:** 'r qnr r tqr {ngpg.'l'Ag.'tleqmt.'ectr gv.'DEH'

"  
"

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## DEĞİŞEN DÜNYADA DEĞİŞEN TIP EĞİTİM PROGRAMLARI CHANGING MEDICAL EDUCATION PROGRAMMES IN A CHANGING WORLD

Alev Orhan

Uxcu'Ewo j wt k' gv'Wpkxgt uk'f. 'Vwt ngf "

QTEK' "KF <2222/2224/; ; ; /; 54; "

### ÖZET

V,r " g kko k'p' co ce, " ml'pkn' dgegt'k' { 'Amgn' xg' vqtkn' dki k'gk' i 'A+n' qncp' { gvgpgmk' f qmqtct, " { gvk vto gn' qmctn' n'edwi' gf kro gmgf k' " \*Vwtpg' ". 4229+0' Dw' pgf gprg' { 'A' { ,mct' dq' wpec' v,r " g kko " o 'A'gf cv,p, 'tghqto g'gvo gmk'p' dkt'qni'±cdcp, p'ucth'gf kf k k' 3/4 'Am gmgf k' " \*J chgtv' ". 3; ; : +0I g±o k vgp' i 'A'g' 'A' g' g kko . " vgnpqm'k' xg' uc nni' crp'ct, pf c' { c cpcp' i grk o grgk'p' v,r " g kko " o 'A'gf cvct, pc' { cpu, v'ctcn' gp' p'kgrmk' g kko " r tqi tco , p, p' qnw wtwro c' ±cn o crct, " j cr' " fgxco " gvo gmgf k' O' Ctc vto cp, p' co ce, " v,r " g kko " o 'A'gf cv,p, p' i g±o k vgp' i 'A'g' 'A' g' nef ct' pcu, n' f g k k' k'p' qtc { c' nq' { o cmv, t' O' Dw' t'c vto c' k'g' v, r' g kko k' crp, pf c' { cr, m'ecni' ±cn o c' xg' 3/4 t' gko 'v'cut, o mt, 'k'p' 3; 93' of gp' i 'A'g' 'A' g' v,r " g kko " r tqi tco mt, p, p' i grk ko " xg' g kko r'gk' l'p'egrp' gmgf k' O' Dw' co c±r. " Y QU' xgt' k' v'cdcp, pf c' 3; 93' " xg' " 6" C wuxqu' 4246' v'ctj' r'gk' ctcu, pf c' v,r " g kko " r tqi tco mt, " crp, pf c' { c, p'rcp' ±cn o crct, p' c' p'j' v'ct' h'gko g'c ., { , m'ct' i' 3/4 uc { , ucn' f c , no ., " gp' g'v'p' qncp' t'c vto ce, mt' gp' g'v'p' qncp' f gti k'gt. " Amngt' xg' m'wto mt' k'g' ±cn o cf c' gp' u, n'icv, h' crp' { c { , p'ct, p' d'k'rk' qo g'v'k'nc'p'rk' k' { cr, m , v't O' C { t, ec' v, r' g kko " r tqi tco mt, " crp, pf c' gp' ±qni' v, h' crp' ±cn o crct' cp' 7' o cncrg' xg' gp' i 'A'p'gn' { c { , p'ct' cp' 7' o cncrg' u'g' h' g'gm' d'w' b' cncrg' r'gk' t'c vto c' co c±r, p, p' dgko ugn' qmctn' c' p'rk' k' { cr, m , v't O'

Anahtar Sözcükler < D'k'rk' qo g'v'k'nc'p'rk' . v, r' g kko k' " v, r' g kko " r tqi tco , O'

### ABSTRACT

Vj g' qdl gev' xg' qh' b' gf kecn' gf vec' v'kp' ku' v' q' s' v'kr' u'wf gpv' y' kj' vj' g' u'nk' m' c' p'f' h' p'qy' ngf i' g' t'gs' v'k' gf' v' q' d'geqo' g' r' tqi t' k' e' k' p' v' o' gf kecn' r' t' c' e' v' k' p' g' t' u. " cu' q' w' k' p' g' f' d' { " Vwtpg' { " \*4229+0' Hqt' vj' ku' t' g' cu' q' p' . k' ku' g' x' k' f' gp' v' vj' cv' eqp' u' k' g' t' c' d' r' g' h' h' t' u' j' c' x' g' d' g' g' p' o' c' f' g' v' q' t' g' h' q' t' o' vj' g' o' gf kecn' gf vec' v'kp' e' w' t' t' e' w' n' o' " q' x' g' t' o' c' p' { " e' g' p' w' t' k' e' u' " \*J chgtv' ". 3; ; : +0Vj g' q' p' i' q' k' p' i' " g' h' h' t' u' v' q' t' g' h' g' e' v' j' g' f' g' x' g' m' r' o' g' p' v' u' k' p' vj' g' h' g' r' f' u' q' h' g' f' vec' v'kp' . v' g' e' j' p' q' m' i' { " c' p' f' " j' g' c' n' j' " h' t' q' o' " vj' g' r' c' u' v' v' q' vj' g' r' t' g' u' g' p' v' k' p' o' gf kecn' gf vec' v'kp' e' w' t' t' e' w' r' c' p' f' " v' q' e' t' g' c' v' g' vj' g' o' q' u' v' s' w' c' r' h' k' g' f' " gf vec' v'kp' c' n' i' r' tqi t' c' o' g' t' g' c' " v' g' u' c' o' g' p' v' v' q' vj' g' g' p' f' v' t' k' p' i' " p' c' w' t' g' q' h' vj' ku' g' p' f' g' c' x' q' w' t' O' Vj' g' q' d' l' g' e' v' x' g' q' h' vj' ku' u' w' f' { " ku' v' q' " g' n' e' k' f' c' v' g' vj' g' o' c' p' p' g' t' " k' p' y' j' k' e' j' " vj' g' o' gf kecn' gf vec' v'kp' e' w' t' t' e' w' n' o' " j' cu' g' x' q' r' g' f' " h' t' q' o' " ku' l' p' e' g' r' v' k' p' v' q' vj' g' r' t' g' u' g' p' v' O' Vj' ku' t' g' u' g' t' e' j' " g' z' c' o' k' p' g' u' vj' g' f' g' x' g' m' r' o' g' p' v' c' p' f' " v' t' g' p' f' u' q' h' o' gf kecn' gf vec' v'kp' r' tqi t' c' o' g' u' h' t' q' o' " 3; 93' " v' q' vj' g' r' t' g' u' g' p' v' f' c' { . y' k' j' " c' " x' l' g' y' " v' q' k' f' g' p' v' h' { k' p' i' " vj' g' o' q' u' v' c' r' r' t' q' r' t' k' e' v' g' u' w' f' { " c' p' f' " v' g' e' j' k' p' i' " f' g' u' k' i' p' u' h' q' t' " vj' g' h' g' r' f' " q' h' o' gf kecn' gf vec' v'kp' O' Vj' ku' g' p' f' . " c' " d' k' r' k' q' o' g' v' t' e' " c' p' c' n' { u' k' i' y' c' u' e' q' p' f' w' e' v' g' f' " q' p' vj' g' n' g' { y' q' t' f' " p' g' y' q' t' m' p' w' o' g' t' k' e' c' n' f' k' u' t' k' d' w' k' p' " d' { " { g' c' t' u. " vj' g' o' q' u' v' c' e' v' x' g' t' g' u' g' t' e' j' g' t' u. " vj' g' o' q' u' v' c' e' v' x' g' " l' q' w' t' p' c' n' u. " e' q' w' p' t' l' g' u' c' p' f' " k' p' u' k' s' w' k' q' u. " c' p' f' " vj' g' o' q' u' v' h' t' g' s' w' g' p' v' n' { " e' k' g' f' " r' w' d' r' e' c' v' k' p' u' q' h' u' w' f' k' g' u' r' w' d' r' i' k' j' g' f' " k' p' " vj' g' " Y QU' f' c' w' d' c' u' g' " d' g' y' g' g' p' " 3; 93' " c' p' f' " 6" C w' i' w' u' v' 4246' " k' p' vj' g' h' g' r' f' " q' h' o' gf kecn' gf vec' v'kp' r' tqi t' c' o' g' u' O' H' w' t' v' g' t' o' q' t' g. " h' x' g' c' t' v' e' n' g' u' h' t' q' o' " vj' g' o' q' u' v' h' t' g' s' w' g' p' v' n' { " e' k' g' f' " u' w' f' k' g' u' c' p' f' " h' x' g' c' t' v' e' n' g' u' h' t' q' o' " vj' g' o' q' u' v' t' g' e' g' p' v' " r' w' d' r' e' c' v' k' p' u' k' p' vj' g' h' g' r' f' " q' h' o' gf kecn' gf vec' v'kp' r' tqi t' c' o' g' u' y' g' t' g' u' g' r' e' v' g' f' " h' t' c' " f' g' u' e' t' k' r' v' x' g' " c' p' c' n' { u' k' i' q' h' " vj' g' t' g' u' g' t' e' j' " q' d' l' g' e' v' x' g' u' O'

Keywords < D'k'rk' qo g'v'k'nc'p'rk' uku' o' gf kecn' gf vec' v'kp' . o' gf kecn' gf vec' v'kp' r' tqi t' c' o' g' O'





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#### DEDE KORKUT KİTABI'NA GÖRE TÜRKLERDE DUA ANLAYIŞI ACCORDING TO THE BOOK OF DEDE KORKUT UNDERSTANDING OF PRAYER IN TURKS

*Prof. Dr. Adem TUTAR*

*Quo cpk'g'Mqtmw'Cvc'Äpkxgt ukvguk'*

*2222/2224/3: 8; /: ; 46"*

#### ÖZET

Ctcr ±c'ñ4ngprk'qmp'f'wc'ng'ko guk'VÄm'gf g=Vcpt, {c' c'cxcto c. {c'cmet, 'xg'kdcf gv'xg{c' c'cneto c'bo ce, {rc' f'kp'f'g' g'k'qrcp'o'gv'p'cp'no'net,pc'i'gm'gm'gf'k'0'Vctkj'kp'km'f'3'pgo'ngt'kp'gp'dgt'k'VÄm'ngt'kp'kp'ce,pc'f'c' f'wcp,p'3'pgo'rk'dk' {gt'g'ucj'kr'q'f'w'w'i'3'4'Ä'ng'gf'k'0' urco "3'peguk'VÄm'vqr'nwo'wpw'kp'cp±' {cr,u, j'cmpp'f'c'dki'kgt'xgt'gp'f'guv'p'rt'f'c'f'wc'o'q'v'kp'kp'3'pgo'rk'dk' {gt'v'www'wpw'i'3'4'o'gm'g{k'0' |gn'km'g'dc'vc' Q'w' "Mc'cp'F'guv'p,"q'm'cm'Ä'gt'g'±q'w'd'gni'gr'gt'f'g'f'wc'ng'p'w'w'p'f'c'dki'kgt'g'tcu'ro'cm'o'Ä'o'm'Ä'p'Ä't'0' VÄm'ngt'kp' urco k'g'v'g'i'k'f'km'ng'p'uc'p't'f'wc'i'gr'gp'g'kp'kp'vqr'nwo'f'c'f'c'j'c' {c' {i,p'dk' gn'kf'g'f'g'xco'g'wk'kp'g' u'3'4'n'Ä'xg' {c' |,n'ne' {p'cm'ct'f'c'u,n'u,m't'cu'w'p'o'cm'cf,t'0' urco "O'gf'gp'k'g'v'kp'kp'vgo'gn'ne' {pc' ,q'rcp'M'w'cp/, "M'gt'ko'f'g'xg'T'gu'w'w'w'j'ø,p' \*cu'0' j'cf'k'ng'k'p'f'g'f'wc'k'g'k'ri'k'k' ±qm'uc' {,f'c' dki'k' d'w'w'p'o'cm'cf,t'0' urco " O'gf'gp'k'g'v'kp'kp'vgo'gn'ne' {p'cm'ct,pc'f'f'wc'ng'p'w'w'p'f'c' {q'wp'dki'k'x'g'v'cxuk'gr'gt'o'Ä'p'cu'gd'g'v'k'ng'VÄm' urco " cr'ko'ngt'p'eg'v'gr'h'gf'k'ng'g'ug'ng'f'g'f'wc'd'c'j'uk'kp'o'g'x'ew'k'k'g'k'dk'i'gr'gp'ng'ij'cr'kp'k'cm' ,v't'0'c'tc'v'to'co' ,|,p' vgo'gn'ne' {pc' ,q'rcp'F'gf'g'M'qtmw'M'k'cd,=VÄm'vqr'nwo'wpw' urco "3'peguk'xg'uc'p't'cu,"uqu'c'ñ'j'c' {cv,p, {cpu,v'p'r'gn'±qm'ng'p'f'c'dki'kgt'k'j'v'x'c'g'vo'gm'gf'k'0'U'qu'c'ñ' {cr,p,p'q'w'wo'wp'f'c'dc'vc'i'gr'gp'f'g'gr'gt' c't'cu,p'f'c'd'w'w'p'c'p'f'kp'x'g'kp'cp±'dq' {w'w'j'k'ne' {gr'gt'f'g'h'ct'm' gn'k'ng'f'g' {cpu,o'cm'ne' d'k'rk'ng'f'wc'o'q'v'kp'kp' {q'wp'dk' gn'kf'g' {gt'c'rf' , "i'3'4'Ä'ng'gf'k'0' |gn'km'g'F'gf'g'M'qtmw'M'k'cd,pc'cn'k'j'k'ne' {gr'gt'kp'uc'p'w'p'f'c'cn'k' f'w'c'rt' VÄm'vqr'nwo'wp'f'c'f'wc' i'gr'gp'g'kp'kp' urco "uc'p't'cu,"f'3'p'go'f'g' {c' {i,p' q'rc'c'ni' d'w'w'p'f'w'wp' i'3'4'ng'to'gm'gf'k'0'D'w'v'g'd'rk'f'g'F'gf'g'M'qtmw'M'k'cd,pc'f'c' {gt'c'rc'p'f'wc'k'g'k'ri'k'k'dki'k'gt' , ,pc'f'c'VÄm'ngt'kp'f'wc' ng'p'w'w'p'f'c'cn'k'f'w'wo'wp'w'q't'vc' {c'ñ'q' {o'c' {c'±cn'cec' ,|'0'

**Anahtar Kelimeler:** 'F'gf'g'M'qtmw'M'k'cd,,"VÄm'ngt.'F'wc'

"

#### ABSTRACT

Vj'g'y'qtf'f'wc.'y'j'lej'ku'qh'C'tcd'ke'q'tki'kp.'ku'kp'V'w'nt'ku'j' =K'o'g'cpu'v'gz'v'q'h't'gr'ki'k'q'u'x'c'w'g'h'q't'y'g'r'w't'r'q'ug' q'h'w'r'r'ne'c'v'kp.'w'r'r'ne'c'v'kp'c'p'f'y'q't'uj'kr'q't'w'r'r'ne'c'v'kp'v'q'I'qf'0'U'k'p'eg'y'g'g'c't'n' {r'gt'k'f'u'q'h'j'k'v'q't' {.'k'v'ku' u'gg'p'y'cv'r'tc' {gt'j'cu'cp'ko'r'q't'v'p'r'ne'g'kp'y'g'h'ck'j'qh'y'g'V'w't'm'u'0'Y'g'ugg'y'cv'y'g'r'tc' {gt'o'q'v'h'j'cu'cp' ko'r'q't'v'p'r'ne'g'kp'y'g'gr'leu'y'cv'i'k'x'g'k'p'h'q'to'c'v'kp'cd'q'w'y'g'd'gr'k'gh'w't'w'ew't'g'q'h'y'g'r't'g'K'ur'co'le'V'w't'ku'j' "u'q'el'g'v' {0'K'ku'r'qu'ld'ng'v'q'eq'o'g'c'et'qu'k'p'h'q'to'c'v'kp'cd'q'w'r'tc' {gt'kp'o'qu'v'f'q'ew'o'g'p'u.'gur'g'ek'cm' {y'g'Gr'le' q'h'Q'w' "M'ci'cp'0'K'ku'ht'gs'w'p'w'v'g'p'eq'w'p'v'gt'gf'kp'q't'c'n'c'p'f'y't'k'w'gp'uc'w't'eg'u'y'cv'y'g'v'c'f'k'k'q'p'q'h'r'tc' {gt' eq'p'v'p'w'g'f'o'q't'g'y'k'f'gn' {kp'y'g'u'q'el'g'v' {c'h'ng't'y'g'V'w't'm'u'g'p'v'gt'gf'K'ur'co'0'V'j'gt'g'ku'c'rq'v'q'h'k'p'h'q'to'c'v'kp'cd'q'w' r'tc' {gt'kp'y'g'S'w't'p.'y'j'lej'ku'y'g'o'c'kp'uc'w't'eg'q'h'K'ur'co'le'Ek'x'k'k'k'c'v'kp.'c'p'f'kp'y'g'j'c'f'k'j'u'q'h'y'g' O'gu'g'p'i'gt'q'h'C'm'j' \*r'd'w'j' -0'Q'p'y'g'q'ee'c'uk'q'q'h'k'p'v'g'p'uk'x'g'k'p'h'q'to'c'v'kp'c'p'f't'g'eq'o'o'g'p'f'c'v'k'p'u'q'p'r'tc' {gt' kp'y'g'o'c'kp'uc'w't'eg'u'q'h'K'ur'co'le'Ek'x'k'k'k'c'v'kp.'y'j'g'gz'k'ng'p'eg'q'h'r'tc' {gt'kp'y'g'y'q't'm'u'y't'k'w'gp'd' {V'w't'ku'j' K'ur'co'le'ue'j'q'rc'tu'00'

**Key Words:** 'F'gf'g'M'qtmw'M'k'cd,,"V'w't'm'u.'R'tc' {gt



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ROLE OF POROSITY IN MATERIALS FOR POTENTIAL USE AS LOAD-BEARING IMPLANTS

*Dr. Eyyüp Murat KARAKURT*

*Fgrctvo gpv'qhl'O gej cplecn'Gpi kpggtkpi . 'Quo cplk'g'Mqtmw'Çvc 'Wpkxgtukş . 'Quo cplk'g': 2222. 'Vwtng{' "*

*QTEK'K'K' <222; /2224/438; /382: "*

"

#### ABSTRACT

Rqtqwu'utwewtg'j cu'etwecni'ghgevl'p'cuuguulpi 'yj g'ej ctcevgtku'ke'hcwwtgu'qh'o cvgtkcn'ht'r qvgpvkcn'wug' cu'qtvj qr cgl'le'ko r rcpv'Vj ku'ku'dgecwug'k'utqpi n' chgevu'dqvj 'yj g' dkqo gej cplecn'dgj cxkqwtu'cpf' egmwrct'cevxxkkgu'qh'vj g'ko r rcpv'Qpg'qh'vj g'r tko ct{' 'ej cmgpi gu'kp'ko r rcpv'qmi {'ku'vj g'o gej cplecn' o kuo cvej 'dgy ggp'ko r rcpv'cpf 'dqp'g'ku'uwg.'y j lej 'o c{' 'eqpvtkdwg'vq'c'f getgcug'kp'dqp'g'o kpgtcn'f g'puk{' qt'kp'f weg'dqp'g'tguqtr v'kp'y j gp'ko r rcpv'g'f . 'c'r j gpqo gpqp'hpqy p'cu'utguu'uj kgrf kpi 'r j gpqo gpqp'Vj ku' o c{' 'i gpgtcvg'c'pqpwpkht'o 'utguu'v'c'p'ub'gt'dgy ggp'vj g'j quv'dqp'g'cpf 'yj g'ko r rcpv'Uvej 'ghgevo'c{' ' r tqmipi 'yj g'j gcrkpi 'vko g'cpf 'r qvgpvkcn' 'ngcf 'vq'ko r rcpv'hcwwtg'Vq'cf f'tguu'vj ku.'yj g'o gej cplecn' r tqr gt'vku'qh'ko r rcpv'o cvgtkcn'uj qwf 'dg'emug'vq'vj qug'qh'pcwtn'dqp'g'0'kp'vj ku'eqpvz'v.'k'ku'etwecni'vq' ectghwn' 'qr vko k'g'vj g'r qtquk' 'hcwwtgu'qh'qtvj qr cgl'le'ko r rcpw.'kpenmf kpi 'r qtg'f kco gvg'cpf 'ngxgn'vq' crki p'y kş 'yj g' dkqo gej cplecn'dgj cxkqwt'qh'vj g'utw'q'wp'f kpi 'ku'uwg'0'Vj ku'cf l'wwo g'pv'j g'ir u'o k'pko k'g'utguu' uj kgrf kpi 'cpf 'r qtqwu'ko r rcpv'o cvgtkcn'qh'ht'c'f k'k'p'ev'cf xcpvc' g'0"

Vj g'qvj gt'ng{' 'hcevtu'kp'ko r rcpv'qmi {' 'kpenmf g' r qtquk' 'ej ctcevgtku'keu'uwej 'cu' r qtg'f k'ut'kd'w'k'p'f l'ko gvg'.'cu'vj gug'ctg'etwecni'ht'r tqo q'v'pi 'egmwrct'cevxxkkgu'uwej 'cu'egm'x'k'cd'k'k'v' 'cpf 'egm'c'w'cej o gpv' C'f'f'k'k'p'cm'f . 'Itqo 'c'r j {' ukqmi kcn'f g'tur gev'x'g' . 'r qtqwu'ko r rcpw'qh'ht'cf xcpvc' gu'kp'p'w'k'p'v'cpf 'qz{' i gp' v'c'pur qt'v'eqo r ctgf 'vq'p'qp/r qtqwu'qt'ut'w'h'q'p'gu.'cu'vj g'r qtgu'qh'ht'cp'cf gs w'v'g'uk'g'ht'egmwrct'cevxxkkgu'0' J qy g'x'g' . 'cej k'x'k'pi 'c'f g'r'k'c'v'g'd'c'n'p'eg'dgy ggp' r qtg'ej ctcevgtku'keu'cpf 'yj g'ko r rcpw'j k'v'q'q'j kcn'f'cpf' o gej cplecn'r tqr gt'vku'ku'p'geguuct {' 'vq'g'p'w'g'qr vko cn'r g't'ht'o c'p'eg'qh'vj g'm'q'cf 'dgctkpi 'ko r rcpv'0'

**Keywords:** " Nqcf " dgctkpi " ko r rcpv. " Rqtquk' . " Dkqo gej cplecn' dgj cxkqwt. " Egmwrct' cevxxk' . " Utguu' uj kgrf kpi 0"

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#### XA YAPIDAKİ TERS HEUSLER $\text{Li}_2\text{MnGe}$ ALAŞIMININ YAPISAL, ELASTİK, TERMODİNAMİK VE ELEKTRONİK ÖZELLİKLERİNİN TEORİK OLARAK İNCELENMESİ

#### A THEORETICAL STUDY OF THE STRUCTURAL, ELASTIC, THERMODYNAMIC AND ELECTRONIC PROPERTIES OF INVERTED HEUSLER $\text{Li}_2\text{MnGe}$ ALLOY HAVING XA STRUCTURE

Erol ALBAYRAK<sup>1</sup>

<sup>3</sup>Ft0' t0@{guk'@pkxgtukvg.'Cj k'Gxtcp'@pkxgtukvguk'O Āj gpf kurkn'O ko ct n,mHcnĀnguk'O gwrĀt lk'  
O cñ go g'O Āj gpf kurk kD'āĀo Ā.'Mt gj kt.'VĀt nkġ g''

<sup>3</sup>QTEK'KF <j wru<lqt ekġ qti l2222/2223/; 383/; 28: "

#### ÖZET

NkO pI g'cnc ,o ,. 'cvqo rct, 'H/65o 'wġ c{ 'i twdwpf c'f kġ kngtgmġdko 'j Āetg'qmw wtcp'ZC' {cpk'vgtu'J gwurgt' {cr ,u,pc'ucj kr 'dk'tcnc ,o f,t0NksgtcvĀf g'cnc ,o ,p'Āz'o wj vgo grġhcġ , 'qrf w w'dgrk'vko k 'qnrw 'dwhcġ rctf cp' Dqtp'hetctn,nmġhtkngtgrtkp'k'uc rctf cp'cvqo knġf kġ kko g'ucj kr 'hcġ 'kġp'j gucr rco crct' {cr ,rf ,0'J gucr rco crct' i gpgng vktko k 'i tcf {gpv' {cnc ,o n' {q wprnwġ hqpmkġ qpgrġ vgtkuk' \*F HV+' kġgtgp' S wcpwo "Gur tguuq" r tqi tco , "kng"i gt±gmg vktkf k'0'cnc ,o ,p'34i Ā' {cr ,u,pf cnk'cvqo rct' c/NK\*2.2.2+ "d/NK\*3 l6.3 l6.3 l6+ "I g' \*3 l4.3 l4.3 l4+ xg'O p' \*5 l6. '5 l6. '5 l6+ hqpw rct, pc' {grng vktkf k'0'J gucr rco crct' uqpwepf c'cnc ,o ,p'b gncpknġ qrcctnġhetctn' qrf w wġ 34 Āf ĀOCnc ,o ,p'j gucr 'gf kngp'hetctn' f wto 'qr vko kġ g'34i Ā'ucdkk'80665'ā 'qrcctnġ dwnwpf w0'cnc ,o ,p'knk'dq {wnw'grcukmknġucdkngt' E33? '830 8'I Rc. 'E34? '430 8'I Rc' xg' E66? '7: .; 7'I Rc' qrcctnġ gucr rcpf ,0'Grcukmġucdkngt'g'dcmrcctnġcnc ,o ,p'Dqtp'hetctn,nmġhtkngtgrtkp'k'uc rctf , 'cprc ,rf ,0'E34' xg' E66' grcuknġ'ucdkngt'k'p'hetmp,p' pgi cvkh' qm cu, 'cnc ,o "kġgtkukp' gnk' dc rcpo crct,p'34go rk'34ġf g' nqxcngp' qrf w wpc' k ctgv'gf gt0'c {t,ec' grcukmġucdkngt'k'wnw'rcctnġ' gucr rcp'p'o qf Āngtf gp' dk'vcpguk' qrcp' Rqkuuq' qtc p,p'20; : "qm cu, 'f c'cnc ,o ,p'nqxcngp'v'f q cu,p, 'qtvc {c' nq {cp' dk' dc nc' gwngpf k'0' Dwprct'gnġqrcctnġcnc ,o ,p'Dwmb qf ĀĀĀD? '5704; 'I Rc. 'Mc {o c'b qf ĀĀĀY ? '5: 048'I Rc. 'DII 'qtcp, '20 44. [ qwpi "o qf ĀĀĀG?": 6024'I Rc' qrcctnġ' gucr rcpf ,0'cnc ,o c'ck'grgmtqpknġdcpv'xg' f wto rct,p' {q wprnw w' i tchknngt'k'k' f k'kngtgmġgrf g'gf kngp'g tkrgtf gp'cnc ,o ,p'o gvcnkġkngvngp' f q c {c'ucj kr 'qrf w w'xg'ur k'p'c c , " {34p'ko k'p'f g'Hgto k'gpgt'k'ugxkġ gulpg' {cnp' dk' gpgt'k'dq nw w'wp' qrf w w'dw'uc {gf g'f g' {ct, "o gvcnkġ dgp' gt'k'dk' f extcp, c'ucj kr 'qrcdkngcg k'f g' grngp'f k'kf k'0' rgnvngp'k' g'gp'dĀ' Ānġh'vmp,p'O p'cvqo rct,p,p'5f " qtdkcrk'p'f gnk'grgmtqrcctf cp'i grf k' k'cprc ,rf ,0'Vqr rco "o cp {g'k' cu {qp'50 8'μB" qrcctnġ' gucr rcpf ,0'Dw' f g' gt'Urcvgt' Rcwġki "knguk'kng" w' wo nwf w0'Vgt'o qf k'pco knġk'p'egng'o grgt' F gd {g'o qf grkpg' i 34g' {cr ,rf ,0' F gd {g'o qf grkpg' i 34g' {cr ,rnp'j gucr rco crctf c'cnc ,o ,p'F gd {g'u,ecmġ , '62; 0 : ; 'M'qrcctnġdwnwpf w0'

**Anahtar Kelimeler:** [ q wprnwġ hqpmkġ qpgrġ vgtkuk'ur k'p'v'qpknġkġ cġ rct. 'ZC' {cr ,f cnk'vgtu'j gwurgt'cnc ,o 0' "

#### ABSTRACT

NkO pI g'cmq { 'ku'cp'cmq { 'y kj 'ZC. 'kpxgtvgf 'J gwurgt'utwewtg.'y j qug'cvqo u'ctg'cttcepi gf 'kp'v'j g'H/65o " ur ceg'i tqwr 'cpf 'hqto 'c'w'pk'egm0'k'p'v'j g'rksgtcwgt.'y tgg'r quukng'r j cugu'qh'v'j g'cmq { 'j c'xg'dggp'tgr qtvgf " cpf 'ecrewr'v'k'p'u'j c'xg'dggp'r gthqto gf 'hq't'v'j g'r j cug'y kj 'v'j g'cvqo le'cttcepi go gpv'v'j cv'o ggw'v'j g'Dqtp' ucdkk'k' { 'etkngt'k'0'Vj g'ecrewr'v'k'p'u'j g'tgr' gthqto gf 'y kj 'v'j g'S wcpwo 'Gur tguuq' r tqi tco .y j lej 'k'p'nf gu' f gpuk' { 'hw'p'v'k'p'cn'v'j ggt { " \*F HV+' y kj " i gpgt'ckġ gf " i tcf k'p'v'c'r r tqzko cvk'p'0'Vj g'cvqo u'k'p'v'j g'rcw'k'g' utwewtg'qh'v'j g'cmq { 'y gtg'r r'ceg' 'cv'v'j g'r quuk'k'p'u'c/NK\*2.2.2+ "d/NK\*3 l6.3 l6.3 l6+ "I g'\*3 l4.3 l4.3 l4+ " cpf "O p' \*5 l6. '5 l6. '5 l6+ 0'Vj g'ecrewr'v'k'p'u'j qy gf 'v'j cv'v'j g'cmq { 'ku'o ge'j c'p'k'ecmġ { 'ucdng0'Vj g'ecrewr'v'g'f " uvgcf { /ucv'g'qr vko kġ gf "rcw'k'g'eqpu'c'p'v'qh'v'j g'cmq { 'y cu' h'q'wp'f "v'q" dg"80665'ā 0'Vj g'wy q/f ko gpuk'p'cn' grcuk'le'eqpu'c'p'v'qh'v'j g'cmq { 'y gtg'ecrewr'v'g'f 'cu'E33? '830 8'I Rc. 'E34? '430 8'I Rc'cpf 'E66? '7: 0 7'I Rc0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Dcugf "qp"vj g"gruue"eqpuwpu."k'y cu"wpf gtuvqf "vj cv'vj g"cmq{ "o gv'vj g"Dqtp"ucdkk\ "etkgtk0'Vj g" pgi cv'xg'f khtgpeg'dgy ggp'vj g"gruue"eqpuwpu"qh'E<sub>34</sub>"cpf "E<sub>66</sub>"kpf kcvgu'vj cv'vj g"dqpf kpi "k'vj g"cmq{ " ku'uki pklwcpw\ "eqxcrgpv0'k'cf f kklqp."vj g'Rqkuuqp'u'tcvkq"qh'20; . 'y j lej 'ku'qpg'qh'vj g'o qf wkl'ecrewwv'f " wukpi "vj g"gruue"eqpuwpu."ku'cpqj gt "hcevt"vj cv'tgxgcu'vj g"eqxcrgpv'pcwtg'qh'vj g"cmq{ 0'k'cf f kklqp." Dwm'o qf wwu"D? "570; "I Rc."Uj gct"o qf wwu"I ? "5: 0'8"I Rc."DII "t'cvkq"20 44."I qwpi u'o qf wwu"G? " : 604"I Rc"y gtg"ecrewwv'f 0'htqo "vj g'ewtxgu'qdvclpgf "d{ "r mqwpi "vj g"grwv'qple"dcpf "cpf "f gpuk\ "qh' ucvgu'qh'vj g"cmq{ . k'y cu'gxcnwv'f "vj cv'vj g"cmq{ 'j cu'c'bo gwnle"eqpf wv'xg'pcwtg'cpf 'j cu'cp'gpgti { 'i cr " emug"v'vj g"Hgto k'gpgti { "rgxgr'lp"vj g"ur kp"fy p"qt'kpv'cvkqp."vj wu'k'o c{ "j cxg"cu'go k'o gwnle/rkn" dgj cxkqt0'Vj g'o clqt'eqv'kdwkqp"v'eqpf wv'xk\ 'y cu'hqwpf "v'eqo g'htqo "vj g'grwv'qpu'lp'vj g'5f "qtdkcn' qh'O p"cvqo u'0'Vj g'v'v'ci'ci p'gk'cvkqp"y cu'ecrewwv'f "cu'50 8"μ<sub>B</sub>0'Vj ku'xcnw"ku'lp"ci tggo gp'v'y kj "vj g" Urcvgt'Rewkp' i' t'k'p'k'rg0'Vj gto qf { pco k'lp'xguk'cvkqp'y gtg't gthqto gf "ceeqtf kpi "v'vj g'F gd{ g'bo qf gr0' Ceeqtf kpi "v'vj g'F gd{ g'bo qf gn'vj g'F gd{ g'vgo r gtcwtg'qh'vj g"cmq{ 'y cu'hqwpf "v'dg'62; 0 ; ; "M0

**Keywords:** F gpuk\ 'hwpekv'pcn'vj gqt { . 'ur k'v'qple'f gxlegu."ZC'lp'xgtug'j gwurgt'cmq{ 0'

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I Rc.'DII 'tcvk'7063.[I qwpi u'o qf wwu"G? '9207: 'I Rc'y gtg'cmq'ecrewevqf 0'Dwm'o qf wwu'i tgcvt'y cp" 322'I Rc'cmqy gf "wu'vq'wvf gtucpf "vj cv'vj g'cmq{ "j cu'ny "eqo r tguukkkv{ 0Vj g'grgevtqple'dcpf "cpf 'F QU' i tcr j u'qh'vj g'cmq{ "y gtg'r nqwgf "cpf "Htqo "vj g'ewxgu'qdvclpgf ."k'y cu'wvf gtuvqf "vj cv'vj g'cmq{ "j cu'c" o gvcnk'e'eqpf wevkg'pcwtg0K'y cu'uggp'vj cv'vj g'dki i guv'eqvtkdwkq"vq'vj g'eqpf wevkkv{ "eco g'Htqo "vj g" grgevtqpu"kp"vj g"5f "qtdkcn'qh'Hg"cvqo u0Vj g'vqcn'o ci pgvk cvkq"y cu'ecrewevqf "cu'400Vj g'cmq{ u'ny " o ci pgvk'o qo gpv'o cngu'k'kf genhqt'cr r necvqpu'tgs vktkpi 'ny "o ci pgvk cvkq"eqpf wevqtu0Ceeqtf kpi "vq" vj gto qf {pco le'kpxguki cvkqpu'dcugf "qp'vj g'F gd{ g'o qf gn'vj g'F gd{ g'vgo r gtcwtg'qh'vj g'cmq{ "y cu'hqwpf" vq'dg'4880464'MOCi ckp'wukpi "vj g'Vj gto q'Ry 't tqi tco 'dcugf "qp'vj g'F gd{ g'o qf gn'vj g'i tcr j u'qh'xkdtcvkq" gpgti { ."Htgg'xkdtcvkq"gpgti { ."gpvtqr { "cpf "j gcvecr cekv{ "ej cpi g'y kj "vgo r gtcwtg'y gtg'r nqwgf 0'Htqo " vj g'i tcr j u.'k'y cu'wvf gtuvqf "vj cv'vj g'xkdtcvkq"gpgti { ."Htgg'xkdtcvkq"gpgti { ."gpvtqr { "cpf "j gcvecr cekv{ swcpvkkgu'qh'vj g'cmq{ "ej cpi gf "y kj "vgo r gtcwtg"cu'gZR gevgf 0'

**Keywords:** F gpukv{ 'hwpevqpcn'vj gqt{ ."ur kvtqple'f gxlegu.'ugo k/j gwungt'cmq{ 0'

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## BASINÇ KONTROLLÜ SOĞUTMA SİSTEMİ EĞİTİM SETİ PRESSURE CONTROLLED COOLING SYSTEM TRAINING SET

Öğr. Gör. Dr. Ganime Tuğba Önder

Yıllık Bilimsel Araştırma ve Geliştirme Konferansı "Görüşmelerimiz" Göttingen'de 2024 yılında "Bilimsel Araştırma ve Geliştirme"

Uzun süreli "Görüşmelerimiz" Raporu, "Bilimsel Araştırma ve Geliştirme"

QTEK 2022/2224/9726/95; 6"

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### ÖZET

Uzun süreli "Bilimsel Araştırma ve Geliştirme" "Görüşmelerimiz" Göttingen'de 2024 yılında "Bilimsel Araştırma ve Geliştirme" Uzun süreli "Görüşmelerimiz" Raporu, "Bilimsel Araştırma ve Geliştirme" QTEK 2022/2224/9726/95; 6"

**Anahtar Kelimeler:** "Uzun süreli "Bilimsel Araştırma ve Geliştirme" "Görüşmelerimiz" Göttingen'de 2024 yılında "Bilimsel Araştırma ve Geliştirme" Uzun süreli "Görüşmelerimiz" Raporu, "Bilimsel Araştırma ve Geliştirme" QTEK 2022/2224/9726/95; 6"

### ABSTRACT

Vij g'tghki gtcvqp"cpf"ct"eqpf kkkpki "ugevt"ku"i tqy kpi "gxgt" { "f c { "f wg"vq"pggf u"uwej "cu"r tqf vevkp." vcpur qtcvqp"cpf"uqtcg "cm"qxgt"vj g'y qtrf."cpf"y kj "vej pqmji kecn'f gxgnr o gpv."vj g"xctkqv"ltqo " tghki gtcvqtu"vq"eqf"uqtcg."ltqo "j qo g"cpf" xgj keng"v r g" f gxlegu"vq" kpf wutkcn'f gxlegu"ku" tcr kfn" kpetgculpi 0k"cf f kkkp."i mdcnly cto kpi "cpf"enke cvg'ej cpi g'lp'tgegpv" { gctu'r qug'c'uki pkkcepvt kum'v'hqf" uchgv'0'Vj ku"ukwcvqp"j cu"ecwugf "cp" kpetgcug"lp"vj g"pggf "hqt"vej plecn'r gtuqppgn'y j q"ecp"r gthqto " kpucncvqp."o clpvcpeg."tgr ckt."qr gtcvqp."cpf"j cxg'r rcpkpi "cpf" f guki p"unkm0kpuwvqp"u'r tqxkf kpi " vej plecn'gf vevkp"uj qwf "vcng"cm"vj gug"hevtu"lpvq"ceeqvvp"cpf" hqewu"qp"vcklpi "unkmf."uqnwkp/ qtkgpvf "lpf kxf wcu'y kj "cf xcpegf "vej plecn'cdkklkgu"cpf" r tcevecn'cr r rkevqp"unkm0k"vj ku"uwf { ".c" r tguwtg/eqpvtmgf "tghki gtcvqp"u{ ugo "vcklpi "ugv'y cu'f guki pgf "lp"qtf gt"vq"ko r tqxg"vj g'eqo r gvpeg" qh'vej plecn'r gtuqppgn'lp"vj g'tghki gtcvqp"cpf"ct"eqpf kkkpki "ugevt"cpf"vq"grko kpcv'vj gk" f ghekgpelgu." cpf"ku"o cpwcewtkpi "uci gu"cpf" wug"y gtg"gzr rclpgf 0'Vj g"vcklpi "ugv'r tqxkf gu"qr r qtwpkkgu"uwej "cu" gzr gtlo gpvki . "kpucpv"qdugtxkpi "vj g'u{ ugo }t'gur qpug."cpf"vcnkpi "pwo gtecn'xcnvgu"cpf" wukpi "vj go " lp"ecrewevqpu0'Vj g'u{ ugo "qr gtcvgu'y kj "442"xqn'CE"xqnci g."cpf" r qy gt."ewtgpv"xqnci g."r tguwtg." vgo r gtcwtg"cpf"j wo kf kv"xcnvgu"ecp"dg"o gcuwtgf"qp"vj g"u{ ugo 0'Eqqkpi "ugtxleg"qr gtcvqpu"ecp"dg" cr r rkgf "xk"vj g"ugv"cpf"vj g"ghgevu"qh'ej cpi gu"lp"co dkgpv"eqpf kkkpu"qp"vj g"u{ ugo "ecp"dg"qdugtxgf 0k"

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cf fklqp. 'pwo gtlecl'xcnwgu'ecp'dg'o qpkqatgf 'xk'o gcuwtkpi 'kputwo gpvu0Vj tqwi j 'yj g'f guki pgf 'ugv.'wugtu' y knlj cxg'yj g'qr r qtwpkv 'v'cr r n' 'yj gk'yj gqtg'lecl'hpqy ngf i g'cpf 'i ckp'g'zr gtlgpeg'kp'cpcn' vlecl'yj kpnkpi .' r tqf welpi "etgc'xg"uqnwkqpu."cpf "dgkpi "ghhekgpv'cpf "tguwn/qtkgpvgf "kp"o ckp'gpcpeg."tgr ckt "cpf "hcnw" f lci pquku0

**Keywords:** Eqqrkpi "U{ ugo . "Vgej plecl'tcklpi . "Vgej plecl'uchh "Rtcevecl'tcklpi . "Vtcklpi "ugv



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**Ba<sub>2</sub>Cd(BO<sub>3</sub>)<sub>2</sub>: 0.06Eu<sup>3+</sup>, 0.01K<sup>1+</sup>: A RED-EMITTING PHOSPHOR FOR w-LEDs**

**Saltuk Buğra TÖRELİ<sup>1</sup>**

<sup>3</sup>Tgu0Cua0'Cf cpc 'Crr cturp'VÄtng 'Uekpeg'cpf 'Vgej pqri { 'Wpkxgt ukş. 'Hcewnş 'qhl'Gpi kpggt kpi ."  
O cvgt knu'Uekpeg'cpf 'Gpi kpggt kpi . 'Cf cpc. 'VÄtnkş g0'

<sup>3</sup>Rj 0F 0'I c/kpvgr 'Wpkxgt ukş. 'I tcf wcvg'Uej qqr/qhl'Pcwtt'c'cpf 'Crr rnkş 'Uekpeg. 'Rj { ukeu'Gpi kpggt kpi ."  
I c/kpvgr. 'VÄtnkş g0'

<sup>3</sup>QTEK 'KF <j wru<1qteş Qti İ222/2223/; 7; 4/8762"

**Vural Emir KAFADAR<sup>2</sup>**

<sup>4</sup>Rt qh0F t0'I c/kpvgr 'Wpkxgt ukş. 'Hcewnş 'qhl'Gpi kpggt kpi . 'Rj { ukeu'Gpi kpggt kpi . 'I c/kpvgr. 'VÄtnkş g0'

<sup>4</sup>QTEK 'KF <j wru<1qteş Qti İ222/2224/2: 28/2; 65"

**Fatih Mehmet EMEN<sup>3</sup>**

<sup>5</sup>Rt qh0F t0'Dmf wt 'O gj o gv'Chkl'Gt uq { 'Wpkxgt ukş. 'Hcewnş 'qhl'Gpi kpggt kpi . 'F gr ct vo gpv'qhl'  
Ej go kut { . 'Dmf wt. 'VÄtnkş g0'

<sup>5</sup>QTEK 'KF <j wru<1qteş Qti İ222/2224/6; 96/4; 62"

#### ABSTRACT

C"r qy fgt"uco r ng"qh'Dc4Ef \*DQ<sub>5+4</sub>."eqpewttgpw { "f qr gf "y kj "8"o qrl "Gw<sup>-</sup>"cpf "3"o qrl "M<sup>-</sup>."y cu" u { pvj gukş gf "wukpi " yj g'eqo o qp'uqrkş /ucvş"o gşj qf "k"cp"ck" cvo qur j gtg0'Z/tc { "f khl'cevkş" \*ZTF + xgtkşgf "yj cv'şj g'Dc4Ef \*DQ<sub>5+4</sub><208Gw<sup>-</sup>. 203M<sup>-</sup>"uco r ng'r cvgt p'o cvej gf "yj g'tghgtşpeg'KEF F'f cwc'hkg0' Vj g'o cvgt knu'rcwleg'r ctco gvtu'y gtg'hqwpf "vq'dg"ç"?; 07: 379'x . 'd"? 70548: ; 'x . 'cpf "e"? 80732: 8'x . " y kj " " ? "33: (84938Å)Vj g'egm) "xqno g"y cu'hqwpf "vq'dg"4; 308; 29'x<sup>5</sup>. "cpf "k'y cu'eqo r ctgf "vq'şj g" Dc4Ef \*DQ<sub>5+4</sub>"ş quv'uco r ng'şj cv'şj cup) 'f qr gf 0Hqwtkş 'Vtcpuhtş "kşltctgf 'Ur gevşueqr { \*HVKT +y cu'cnuq" wşgf "vq'gzco kşg'şj g'xkdtcvkşpnrşr gevşueqr { . 'cpf "şj g'tguwu'kşf kcvşgf "şj cv'şj g'utvewtş'eqo r tkşgf "DQ<sub>5</sub>" cpf "DQ<sub>6</sub>" wpu0'Çv'tqo "şgo r gtcwtş. 'r j qvqno kşgueşpeg"gzekcvkşp" \*RNG+" cpf "go kuukşp" \*RN+" y gtş" kşxşgukş cvşf 0C"dtqşf "ej cti g'tcpuhtş \*EV+dşpf "dgş gşp"422"cpf "522"po . 'y kj "c'egşvt "cv47: "po . "ku" xkukşrş"kp"şj g'gzekcvkşp"ur gevşc0'K'ecş"dg"cuukş pşgf "vq'şj g"EV"dgş gşp"Q<sup>4</sup>" cpf "Gw<sup>-</sup> 0'Vj g"uco r ng) " nwo kşgueşpeg"gzekcvkşp"şj qy u'c'pqvşegşrş"tgş"go kuukşp"cv'839"po . 'y j lej "ku'cuuqekşgf "y kj "şj g"Gw<sup>-</sup> "7F<sub>2</sub>" "9H<sub>3</sub>"tcpuukşp0'Vj g'grşvşkş" f kr qşrş"tcpuukşp"ku'tşur qpukşrş"şj g'utşqpi "go kuukşp"cv'839"po 0C" o ci pşvşkş" f kr qşrş"tcpuukşp"cv'7; 6"po "7F<sub>2</sub>" "9H<sub>3</sub>"şh'Gw<sup>-</sup> +r tqş wşgu"y gşn'ş go kuukşp0'Vj g"uco r ng) " ej tqo cvşkş { "eqqtşf kşcvşu"y gtş"şj g'hqwpf "cu"z"? 208674"cpf "{ "? 205766."y j lej "r w'k'kşvş"şj g"EK"3; 53" ej tqo cvşkş { "f kci tco ş"tgş"tşi kşp0'Utşqpi "tgş"go kuukşp"İtşo "şj g"r j qur j qt"cv'839"po "uwi i guş"şj cv'kş" eqwşf "dg"çrr rşgf "cu"ç"tgş /go kşkşpi "r ctv'şh'y j kşg'İki j vşgo kşkşpi "f kşf gu"şy /NGF u0'

**Keywords:** 'Rj qur j qtu. 'Rj qvqno kşgueşpeg. 'Tctş/gctşj . 'Dqtşvşu. 'Uqrkş 'Ucvş'Tşgşcvkşp. 'EK0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### STUDY ON PHOTOLUMINESCENCE PROPERTIES OF A NOVEL RED-EMITTING PHOSPHOR OF $Ba_2Cd(BO_3)_2: 0.06Eu^{3+}, 0.01Na^{1+}$ FOR w-LEDs

*Saltuk Buğra TÖRELİ*

<sup>3</sup>Tgu0Cuu0'Cf cpc 'Crr cturp 'VÄtng 'Uekpeg'cpf 'Vgej pqrqi { 'Wpkxgt ukş. 'Hcewnş 'qh'Gpi kpggt kpi .

O cvgt kcu'Uekpeg'cpf 'Gpi kpggt kpi . 'Cf cpc. 'VÄtnkş g0'

<sup>3</sup>QTEKF 'KF <j wru<1qtekf Qti İ2222/2223/; 7; 4/8762"

*Vural Emir KAFADAR*<sup>2</sup>"

<sup>4</sup>Rtql0Ft0'T c/kc pvr 'Wpkxgt ukş. 'Hcewnş 'qh'Gpi kpggt kpi . 'Rj {ukeu'Gpi kpggt kpi . 'T c/kc pvr. 'VÄtnkş g0'

<sup>4</sup>QTEKF 'KF <j wru<1qtekf Qti İ2222/2224/2: 28/2; 65"

*Fatih Mehmet EMEN*<sup>3</sup>"

<sup>5</sup>Rtql0Ft0'Dmfwt 'O gj o gv'Çnkİ'Gtuq { 'Wpkxgt ukş. 'Hcewnş 'qh'Çtu'cpf 'Uekpegu. 'F gr ctvo gpv'qh'

Ej go kut { . 'Dmfwt. 'VÄtnkş g0'

<sup>5</sup>QTEKF 'KF <j wru<1qtekf Qti İ2222/2224/6; 96/4; 62"

#### ABSTRACT

Wukpi 'y g'wpls wg'uqrk /ucv'gej pls wg. 'c'r qy f gt'uco r ng'qh'Dc4Ef \*DQ<sub>5+4</sub>'f qr gf 'uko wncpgqwanş 'y kj '8' o qn 'Gw<sup>5</sup>- 'cpf '3'o qn 'Pc<sup>3+</sup>- 'y cu'r tqf weg f 0'Vj g'Z/tc { 'f kttcevşq' \*ZTF +r cvgt'p'qh'Dc4Ef \*DQ<sub>5+4</sub>< 208Gw<sup>5</sup>- .202Pc<sup>3+</sup>- 'eqpho gf 'y g'uco r ng'o cvej kpi 'gzcewş 'y kj 'y g'ucpf ctf 'KEF F 'f cve' hrg0Vj g'hcwşeg' r ctco gvtu'qh'y g'b cvgtkenly gtg'ecrewevcf 'cu'c'?'; 079797'x . 'd'?'70532: 'x . 'e'?'8072: 48'x . 'ceeqo r cplgf' 'y kj " '?'33: 075469'Ac'pf 'y g'xqno g'qh'y g'egni'y cu'f gvgto kpgf 'cu'4; 30 : : 8'x<sup>5</sup> . 'rkuvş . 'cpf 'eqo r ctgf' 'y kj 'y g'wpf qr gf 'Dc4Ef \*DQ<sub>5+4</sub>'j qu0'Vj g'xkdtcevşq'pcn'ur gevşueqr { 'y cu'cuq' kpxgukı cvgf 'y kj 'Hqwtkş' Vtcpuhto 'kphctgf' 'Ur gevşueqr { '\*HVK+ 'y j kej 'uj qy gf 'y g'r tgugpeg'qh'DQ<sub>5</sub>'cpf 'DQ<sub>6</sub>' wpsu'kp' 'y g' utwewtg0Vj g'r j qvno kpguepeg'gzekcvşq' \*RNG+ 'cpf 'go kuukq' \*RN+ 'ej ctcevştku'cu'y gtg'gzco kpgf 'cv' tqo 'go r gtcwtg0Vj g'gzekcvşq'ur gevştgxgcn'c' dtqcf 'ej cti g'vtcpuht' \*EV+ 'd'cpf 'dgw ggp'422'cpf '522' po . 'egpvşkpi 'cv'482'po 0'K'ecp'dg'cuukı pcdng'v' 'y g'EV'htqo 'Q<sup>4</sup>'v'Gw<sup>5</sup>- 0'Vj g'nwo kpguepeg'gzekcvşq' qh'y g'uco r ng'gzj kdku'c'r tqpwpegf 'tgf 'go kuukq'cv'839'po . 'eqttgur qpf kpi 'v' 'y g'<sup>7</sup>F<sub>2</sub>' 'H<sub>4</sub>'vtcpuşkq' qh'Gw<sup>5</sup>- 0'Vj g'kpvşug'go kuukq'cv'839'po 'tguwu'htqo 'cp'grgevtle'f kr qrg'vtcpuşkq'0'Y gcn'go kuukq'tguwu' htqo 'c'o ci pgve'f kr qrg'vtcpuşkq'cv'7; 6'po '\*<sup>7</sup>F<sub>2</sub>' 'H<sub>3</sub>'qh'Gw<sup>5</sup>- 0'Vj g'ej tqo cvekvş 'eqqtf kpcvşu'qh'y g' uco r ng'y gtg'f gvgto kpgf 'v' 'dg'z'?'208674'cpf { '?'205766. 'r rckpi 'k'kpvş g'y g'tgf 'l' qpg'qh'y g'EKG'3; 53' ej tqo cvekvş 'f kci tco 0'Vj g'r j qur j qt'f go qputcvşu'c' utqpi 'tgf 'go kuukq'cv'839'po . 'kpf lecvşkpi 'ku' r qvşvkn'cu'c' 'tgf /go kşkpi 'eqo r qpgpv'ht' 'y j kg'iki j v'go kşkpi 'f kqf gu'şy /NGF u'0"

**Keywords:** 'Rj qur j qtu. 'Rj qvno kpguepeg. 'Tctg/gctvş . 'Dqtcvşu. 'Uqrk' 'Ucvş' 'Tgcevşq. 'EKG0'



ŞÖNİL İPLİK ÜRETİMİNDE CER PASAJ SAYISI VE GERİ DÖNÜŞÜM LİF ORANININ  
KİLİM AŞINMA DAYANIMINA ETKİSİNİ ARAŞTIRILMASI

*İbrahim Halil TEKİN<sup>1</sup>*

<sup>3</sup>*O grkng'Vgmaki'Ucp0xg'Vke0C0 0'I c/kcpvgr.'VÄtnk'g0'*

<sup>3</sup>*QTEKF 'KF <j wru<1lqt ekf Qti I222/2224/37: 6/7936"*

*Adil ATAŞ<sup>1</sup>"*

<sup>3</sup>*O grkng'Vgmaki'Ucp0xg'Vke0C0 0'I c/kcpvgr.'VÄtnk'g0'*

<sup>3</sup>*QTEKF 'KF <j wru<1lqt ekf Qti I222;/2223/3; 76/3542"*

*Halil İbrahim ÇELİK<sup>2,\*</sup>*

<sup>4</sup>*I c/kcpvgr.'©pkxgt ukxguk'Vgmaki'O Äj gpf kirk k'D'ÄÄo Ä.'I c/kcpvgr.'VÄtnk'g0'*

<sup>4.</sup>*QTEKF 'KF <j wru<1lqt ekf Qti I222/2224/3367/8693"*

**ÖZET**

J cn'xg'nkko "Ägvko k'f Äp{c"i gpgnkp g"³pgo ik'dk"vgmaki'ugm³⁄⁴Äf Ä0" | grkng'Qtvc'Fq w'xg"Cu{c" Ängrtk"dw'cncpf c"³pgo ik' Ägvko "o gtnq| rgtk' qnw wto cmcf,t0'VÄtnk'g." j cn'xg'nkko " Ägvko kpf g" f Äp{cp,p'³pf g'i gngp"Ängrtk'p'gp'dk'kf k0Uqp" {,metf c'nkko "Ägvko kpk'±qni{c{i ,pvc v , 'xg'³pgo ik'dk" Ägvko "j ceo kpg'wv v , "i ³⁄⁴Äo gmgf k0J chh" {cr ,{c"ucj kr "qno cu," {,nepcdkrt"qno cu,"xg'f c j c"wev " qno cu,"ugdgd'k'g" {wt'k'k'xg" {wt'f , , "rc| ctf c"rc{ , ±qni'j , | n"ctvo cmcf,t0'O gxew'vgmpqnlkf g"nkko " Ägvko k' ³pki'kr rkn' mncp,nceni i gt±gmg vktro gmgf k0' ³pki'kr rknmt"³⁄⁴ grkng"o qdkn{c" xg"qvqo qvx" ugm³⁄⁴Äp'g" {³pgrni'f ³⁄⁴ go grkni'ho c "Ägvko kpf g" {c{i ,p'qrceni'hwrcp,nc cmcf,t0'Hctm,'ikh'hqo d'p'cu{qpw' xg'vcuct,o f c"Ägvk'gp" ³pki'kr rknmt" c{t,ec'v'kni'³⁄⁴o g'mwo c . 'j cn.'dcwepk'g.'nef kh'g'mwo c "Ägvko rgtk'p'g" vgtel'j "gf kro gmgf k0' ³pki'kr rkn' nk'k'kr rknmt'k'p'p'ctcu,pc"kr rkn' gmugp'k'p'g" f kn'qrceni' {gtrg vkt'k'p'j cx" kr rknmt'k'p'p'dgnk'w' w'p'wnc'hgukro guk'xg'ucptcu,pf c'dÄmÄo "w'i wrcpeteni'netctn'j erg'i gvt'kro guk' {qnw'rc" grf g" gf k'p'j ceko ik" vÄ' nÄ" xg" ³⁄⁴ i Äp" i ³⁄⁴ ÄpÄo g" ucj kr "dk" hcpv'g' k'kr rkn' vÄ' Äf Ä0'J cx"kr ik k' {Ä' g" i ³⁄⁴ ÄpÄuÄpÄ" dgrk'rgo gmg' xg" {cr ,p,p" {cmc ,ni' 92/97" k'p'k' qnw wto cmcf,t0' " pegnk' ±cn o crctc" demf , ,pf c" i gk' f ³⁄⁴ Ä Äo " rknmt'k'p'p" ³⁄⁴ grkng'f g" kr rkn' Ägvko kpf g" mncp,rf , , " dk±qni' ±cn o c" dwmpo cmcf,t0'Cpecm'i gk'f ³⁄⁴ Ä Äo " rknmt'k'p'p" ³pki'kr rkn'hqto w'p'f c"mncp,rf , , "u,p,tn"uc{,f c"±cn o c" dwmpo cmcf,t0'F k g" vetchcp" ³pki'kr rkn' ³⁄⁴ grkng'k'p'p" nkko " r gthqto cpu" ³⁄⁴ grkng'k'p'p' g'vkn'gt'k'p'p' k'p'eg'p'f k' k'dk' ±cn o c'c'tcuwrcp co , v,t0"

Cxtwrc' [ g knO wedcnev,'kg'dk'rkng'vÄo 'ugm³⁄⁴rgt'f g'f ³p'i Äugr'gnupqo k'g" {³pgrko "ctvo , vt0'Äp'ng'k'p' Ägvko kpf g" i gk' f ³pÄ Äo " o cr' go g" o kmct,p,p" ctv,t,m cu," cv,ni' o kmct,p,p" xg" gpgt'k' uct'k'k'cv,p,p" c| cn,m cu," f qrc {,u,'kg'f c j c'f Ä Äni'netdqp" c{c'ni'k'p'g'ucj kr "Ägvko "uÄ'g±ng'k'p'p" {³pgrm guk' qt w'p'w'j erg' i gm k vkt0'Uwpwrcp" ±cn o cf c" i gk'f ³pÄ Äo " rkn'k'gt'knk" ³pki'kr rknmt'k'p'p'f c j c'f Ä Äni'gpgt'k'k'uct'k'k'cv,'kg" Ägvk'gd'k'k'k'k'xg'nkko "Ägvko f gk'r gthqto cpu," f g gtrg'p'f k'kro k vkt0'Dw'co c±rc." nkko "Ägvko kpf g" cvm" kr ik k'qrceni'hwrcp,nceni'qrcp" ³pki'kr rknmt'k'p'p'j cx"kr ik k'd'k'g g'p'ng'k'k'p'i "g kto g'uk'xgo kpf g'dk'r cucl'xg" knk'r cucl'egt"±gnko k'w'i wrcp' cni'Ä' gt'g'knk'i t'wrc"Ägvko k vkt0J gt'dk'j cx"kr ik k'i twd'w'322' 'RGU.'72' / 72' 'RGU'tRGV.'322' 'tRGV'qno cni'Ä' gt'g'Ä' hctm,'ikh'hct , o 'qtc'p,pf c"Ägvko k vkt0Mk'k'kr rkn'³⁄⁴ grkng'k'p'p' ucdk'wwwrceni'vni'dk" pwo ctf c"322' 'RGU'gn' chcp"Ägvko k vkt0'F c j c"ucptc" ³pki'kr rkn'pwo w'p'ng'k'p'p' mncp,nceni' qrc'nc' f c"8" nkko " pwo w'p'guk' Ägvko k' i gt±gmg vktro k vkt0' Mkro " pwo w'p'ng'k'p'p' "DU" GP" 3: 35-3; ; : " uc'p' ctf ,pc" w'i w'p' qrceni' c ,po c" f c{cp,o , " vgu'k' w'i wrc , vt0' Gif g" gf k'p'p' uc'p'w'rc't' k'v'v'k'kn'gn'qrceni'c'p'c'k' "gf k'ng'gm'gp'w'i w'p" ³pki'kr rkn'³⁄⁴ grkng'k'p'p' d'grk'rgo k vkt0'

**Anahtar Kelimeler:** ³pki'kr rkn'I gk'f ³pÄ Äo "gn'ch'Mkro ."Egt.'C ,po c'f c{cp,o ,0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

Vj g'r tqf wevkqp'qh'ectr gw'cpf "twi u'tgr tgugpw'c"uki pkklecpv'eqo r qpgpv'qh'vj g'i mdcn'vgz vkg'kpf wwt { O' P qvcdn' . 'eqwv'v'kgu'kp'vj g'O kf f rg'Gcu'v'cpf 'Cuk'r m' { 'c'uki pkklecpv'tqng'kp'vj ku'ugevqt. 'r ct vkwrcn' 'kp'vgt o u' qh'r tqf wevkqp'0Vwng' { 'ku'qpg'qh'vj g'y qtrf ) u'htqgo quv'r tqf wegtu'qh'ectr gw'cpf "twi u'0K'ku'g'xkf gpv'vj cv'twi " r tqf wevkqp'j cu'dgeqo g" c'j ki j n' r' t'gxcn'gpv'r tceveg'kp'tgegpv' { gctu. 't'gcej kpi "c'uki pkklecpv'r tqf wevkqp' xqmw g'O'F w'g' v'ku' rki j y gki j v." y cuj cdng." cpf "equv'gh'ge'v'kg' ut wewt g." ku"o ctngv'uj ctg'ku'ter kf n' " g'zr cpf kpi "kp" dqj "f qo gw'ke" cpf "kp'vgt'p'v'k'p'cni' o ctngv'u'0'kp" vj g' ewt'gpv' v'ej pqm'j k'cni' r'p'f uecr g." twi " r tqf wevkqp'ku'cej k'x'g'f 'vj tqwi j 'vj g'w'k'k'k' v'k'q'p'q'h'ej g'p'k'ng' { ctp'0Ej g'p'k'ng' { ctpu'ctg'g'z v'p'uk'g'n' { go r n'q' { gf " kp" vj g"o cpw'cew't'kpi "qh" w'r j qn'vgt { "h'cdt'k'eu." r ct vkwrcn' "kp" vj g' h'm'p'k'w't'g' cpf "cw'qo q'v'x'g' " k'p'f w'v'k'g'u'0' E'j g'p'k'ng' { ctpu'r tqf wegf 'kp'f'k'ht'g'p'v'h'k'd'g't'eqo d'k'p'v'k'p'u'cpf 'f'g'uk'i pu'ct'g'c'n'q' r' t'g'ht'g'f 'kp'v'j g'r tqf wevkqp' qh't'k'eq'v'n'p'k'w'f 'h'cdt'k'eu." ectr gw." d'rc'p'ng'w'cpf "x'g'x'g'v'h'cdt'k'eu'0'E'j g'p'k'ng' { ctp'ku'c'v'r g'q'h'c'p'e' { " { ctp'y k'j " c'x'q'nw' k'p'q'w'u." j ckt { "cpf "w'p'k' w'g'c'r r g'ct'c'p'eg'q'd'v'k'p'g'f 'd' { "ew'w'k'pi "vj g'r k'ng' { ctpu'r m'eg'f 'r g'r g'p'f k'ew'rc't'v'q' vj g' { ctp'c'z'k'u'd'g'y g'p'v'j g'h'q'em' { ctpu'v'q'c'eg't'v'k'p'g'p'i vj "cpf 'vj g'p'v'c'd'k'k' k'pi "vj go 'd' { 'c'r r n' k'pi "y k'u'0'V'j g' r k'ng' { ctp'f'g'v'to k'p'g'u'v'j g' u'w'h'c'eg'c'r r g'ct'c'p'eg'cpf "eq'p'uk'w'w'g'u'c'r r t'q'z'k'o c'v'g'n' { "92/97" "qh'v'j g' u'w'w'w'g'0' N'q'q'n'k'pi "c'v'r t'g'x'k'q'u'w'w'f'k'g'u." vj g't'g'c't'g'o cp' { 'u'w'f'k'g'u'k'p'y j k'ej 't'g'e' { e'ng'f 'h'k'd'g't'u'c't'g'w'ug'f 'kp'v'j g'r tqf wevkqp' qh' { ctpu'y k'j "ur g'ek'n'r t'q'r g't'v'k'u'0'J q'y g'x'g't." vj g't'g'c't'g'k'o k'g'f 'p'w'o d'g't'q'h'u'w'f'k'g'u'k'p'y j k'ej 't'g'e' { e'ng'f 'h'k'd'g't'u' c't'g'w'ug'f 'kp'ej g'p'k'ng' { ctp'h'q'to '0'Q'p'v'j g'q'v'j g't'j cpf . 'vj g't'g'ku'p'q'u'w'f' { "g'z'c'o k'p'k'pi "vj g'g'h'g'ew'q'h'ej g'p'k'ng' { ctp'r t'q'r g't'v'k'u'q'p't'wi 'r g't'h'q'to c'p'eg'ej c't'c'v'g't'k'k'eu'0

Y k'j 'vj g'G'w't'q'r g'c'p'I t'g'g'p'F g'c'n'v'j g't'g'p'f 'v'q'y c't'f' u'ek'w'rc't'g'e'q'p'q'o { 'j cu'k'p'et'g'c'ug'f "kp'c'm'uge'v'q'tu'0'K'j' cu' d'geqo g'o cpf c'v'q't' { 'v'k'p'et'g'c'ug'v'j g'c'o q'w'p'v'q'h't'g'e' { e'ng'f 'o c'v'g't'k'c'n'k'p'v'j g'r tqf wevkqp'q'h'r tqf wev'u." v'q't'g'f w'eg' vj g'c'o q'w'p'v'q'h'y c'w'g'c'p'f "g'p'g't'i { 'eq'p'uw'o r v'k'q'p.' cpf 'vj g't'g'ht'g'v'q'b' q'x'g'v'q'y c't'f' u'r tqf wevkqp'r t'q'eg'u'g'u'y k'j " c'h'q'y g't'ect'd'q'p'h'q'q'r t'k'p'0'k'p'v'j g'r t'g'ug'p'v'w'f' { . 'vj g'o c'p'w'cew't'c'd'k'k'v' { 'q'h'ej g'p'k'ng' { ctpu'y k'j 't'g'e' { e'ng'f 'h'k'd'g't' eq'p'v'g'p'v'y k'j "n'q'y g't'g'p'g't'i { "eq'p'uw'o r v'k'q'p'c'p'f "vj g'k'r g't'h'q'to c'p'eg'k'p't'wi " r tqf wevkqp'y g't'g'g'x'c'n'c'v'g'f '0'k'p' q't'f' g't'v'q'c'ej k'x'g'v'j ku." vj g'r k'ng' { ctp'eqo r q'p'g'p'v'q'h'v'j g'ej g'p'k'ng' { ctpu'k'p'v'g'p'f' g'f "h'q't'w'ug'c'u'y g'h'v' { ctpu'k'p' t'wi 'r tqf wevkqp'y g't'g'r tqf wegf 'kp'v'y q'i t'q'w' u." w'k'k'k'k'p'v'j q'p'g'r c'u'c'i g'c'p'f "y q/r c'u'c'i g'f t'c'y 'H'c'o g'u'y k'j k'p' vj g't'k'pi "ur k'p'k'pi "u' { u'g'o '0'G'cej "r k'ng' { ctp'i t'q'w' "y cu'r tqf wegf "kp" vj t'g'g'f'k'ht'g'p'v'h'k'd'g't' d'ng'p'f "t'c'v'k'q'u'cu' 322' 'RGU.'72' /72' 'RGU't'RGV.'322' 't'RGV'0'V'j g'h'q'em' { ctp'r t'q'r g't'v'k'u'y cu'h'g'r v'eq'p'uc'p'v'c'p'f 'vj g' { 'y g't'g' r tqf wegf 'H'q'o '322' 'RGU'h'k'd'g't'k'p'c"u'k'p'i n'g'eq'w'p'0'V'j g'p." c'v'q'v'c'n'q'h'8't'wi "uco r n'g'u'y g't'g'r tqf wegf "w'uk'p'i " ej g'p'k'ng' { ctp'uco r n'g'u'0'c'd't'c'uk'q'p't'g'uk'uc'p'eg'v'g'u'v'y cu'c'r r n'g'f "v'q'v'j g't'wi "uco r n'g'u'k'p'c'ee'q't'f' c'p'eg'y k'j "DU' GP'3: 35-3; ; : "u'c'p'f'c't'f'0'V'j g't'g'u'w'u'q'd'v'k'p'g'f 'y g't'g'v'c'v'k'w'k'ec'm' { c'p'c'n' { gf "cpf 'vj g'o qu'v'w'k'c'd'ng'ej g'p'k'ng' { ctp'r t'q'r g't'v'k'u'y g't'g'f' g'v'to k'p'g'f'0

**Keywords:** 'Ej g'p'k'ng' { ctp.'T'g'e' { e'ng'f 'h'k'd'g't.'T'wi . 'F't'c'y 'H'c'o g.'C'd't'c'uk'q'p't'g'uk'uc'p'eg'

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DÜZİÇİ OVASI'NIN UZUN DÖNEMLİ (2000-2022) KURAKLIK DEĞERLERİNİN NDVI ANALİZİ İLE İZLENMESİ MONITORING LONG-TERM (2000-2022) DROUGHT VALUES OF DÜZİÇİ PLAIN WITH NDVI ANALYSIS

Alperen TAPÇI

<sup>3</sup>[ *Amügnükpu* %4 t gpekük 'Pk f g' %0 gt 'j crkf go k' *Äpkxgt ukxguk* "Uquf crldkko rgt "gpunkÄuÄ 'Eq t chç c." Pk f g. 'VÄtnkç g0'

<sup>3</sup>QTEK 'KF <j wru<llqtekf Qti D222;/2228/; ; 28/92; 9"

Türkan BAYER ALTIN<sup>2</sup>"

<sup>4</sup>"Rt qlFT. 'Pk f g' %0 gt 'j crkf go k' *Äpkxgt ukxguk* "pucp'xg'vqrnw "dkko rgt k'lc nÄnguk 'Eq t chç c. 'Pk f g." VÄtnkç g0'

<sup>4</sup>QTEK 'KF <j wru<llqtekf Qti D222/2223/: 8; 4/3935"

#### ÖZET

Gpf Äntkç grif gxtko 'uqptcu, pfc' hquki' emvhwrcp, o .p, p'ctvo cu, p, k' rç{gp'ugtc'i c| , 'ctv, rct., 'mÄgugrikmko " Ä gt lpf g" dgrtki kp" pgi cvk' gvnkrgt " {ctvo , vt0' " | grnkmg" vct, o ucn' ugm<sup>3</sup>4. " dw' fg k knkmgtp" gp" ±qnl' j kuçf kfk k'rcrcpctf cp" dktkf k0Dw'±cn, o cf c'F Ä kçk'qxcu, p'w' wp'f<sup>3</sup>4pgo rk<sup>\*4222/4244+</sup>{c , . 'u, ecmm' xg'hwcm, nif g' grtgrtklpegrgp k vkt0Quo cpkç g' Cnf gpk' D<sup>3</sup>4i guk' Cf cpc' D<sup>3</sup>4Äo ÄpÄp' f q' wuwpcf c' "gt' cnt+ klu, p, trct, 'kçpf g' "gt' crmp' qxc. "gvtch, f c' rctrc' ±gxtkç k' k0Uwct, 'Eg{ j cp' P gj tk' xg' hqumet, 'vctch, pfc' p' f tpgp" gf kkt0Mwtcm, nif gvnkrgt k' lpegrgo gni' xg' cprco cni' co ce, {rc' mwrcp, rçp<sup>3</sup>4pgo rk' {<sup>3</sup>4pgo rgt" wprctf, t= w' f w' i <sup>3</sup>4ÄpÄrgtk' Ä' gt lpf gp" grf g' gf krgp' P qto crkç gf 'F k' hgt gpeg' Xgi gvcvkp' kçf gmk' \*P F XK' xg' Ucpf c' tv[ c , " pf gmk' \*URKç k0' Grf g" gf krgp" uqpwæct " {, m, m' xg' o gxuko rkn' qrtcm' hctm, | co cp' <sup>3</sup>4±gmçt kçf g' lpegrgp k vkt0Dwpwrc' dktkmg" u, ecmm, nif xg' {c , " xgtkrgt k' mwrcp, rctcm' {, m, m' qtvcrc c" URKç g' grtgrtk' j gucr rçpo , vt0Dw'±cn, o cp, p' co ce, . 'F Ä kçk' qxcu, pfc' w' wp'f<sup>3</sup>4pgo rk' hwcm, nif vtwo wpw' cprco cni, t0' Grf g' gf krgp' xgtkrgt " {, m, m' xg' o gxuko rkn' qrtcm' nif g' grtgrtk k' k' k' vkt0P F XK' {, m, m' qtvcrc c' f g' g' tk' 422: " {, npf c' uc' nmu, | "dknk' xglgvcu{qp} {q' wprw w" \*2/2055+ xg' 4243" {, npf c' "kug' Qtvc' f gtgeg f g' uc' nmu, "dknk' xglgvcu{qp} {q' wprw w" \*2055/2088+ qrtcm' vgr k' gf k' k' vkt0O gxuko rgt kçp' {cr v, , o , | {, m, nif g' grtgrtk' g' kug' P F XK' g' grtgrtk' m' b' gxuko kçp' 4227" {, npf c' uc' nmu, | "dknk' xglgvcu{qp} {q' wprw w" \*2/2055+ xg' 4237" {, npf c' "kug' qtvc' f gtgeg f g' uc' nmu, "dknk' xglgvcu{qp} {q' wprw w" \*2055/2088+ vgr k' gf k' k' vkt0' malçj ct" o gxuko k' kçp' 4235" uc' nmu, | "dknk' xglgvcu{qp} {q' wprw w" \*2/2055+ xg' 423; " {, npf c' "kug' qtvc' f gtgeg f g' uc' nmu, "dknk' xglgvcu{qp} {q' wprw w" \*2055/2088+ vgr k' gf k' k' vkt0URKçpcrk' kçf g' F Ä kçk' qxcu, " {cmp' ±gxtgukçf gp" cnpcp' Eg{ j cp. 'F <sup>3</sup>4v' qn' Mcj tco cpo ctc " {c , "kvcu{qpçt, pfc' p' grf g' gf krgp' xgtkrgt g' i <sup>3</sup>4g. " o gxuko rkn' {, m, nif g' grtgrtk' demf , pfc' m' b' gxuko kçf g' 423; " {, npf c' ±qnl' kçf g' vkt' {c , . \*50x4+ Eg{ j cp' kvcu{qpwpf c' xg' 4235" {, npf c' "kug' kçf g' vkt' hwcm, m' \*307/30; + vgr k' gf k' k' vkt0F <sup>3</sup>4v' qnl' kvcu{qpwpf c' kug' 4234" {, npf c' ±qnl' kçf g' vkt' {c , . \*40x4+ qrf w' w' xg' 4237" {, npf c' "kug' pqto cni' \*20; /2+ qrtcm' vgr k' gf k' k' vkt0' 423: " {, npc' i grkçf k' kçf g' pqto crg' " {cmp' mwcm' \*2/\*20; + f g' grtgrtk' Mcj tco cpo ctc " kvcu{qpwpf c' vgr k' gf k' k' vkt0Uqpwæ' qrtcm' F Ä kçk' qxcu, pfc' 4235" {, npf c' kçf g' vkt' hwcm, m' 4237" {, npf c' pqto cni' qrtcm' nif g' ±gmçg o k' vkt0URKçpcrk' kçf g' grf g' gf krgp' mwcm' nif wæct 'P F XK' kçf g' vkt' dwæct, 'c' p, " f<sup>3</sup>4pgo kçp' f g' <sup>3</sup>4vÄ o gmçf k0Dw' f vtwo "dk' g' i grgegmg' F Ä kçk' qxcu, "kçp' i kçf g' vkt' çrcp' xg' ctvc' p' Ähw' net , u, pfc' " {gvtuk' j crg' i grgp' uw' nç' pemct, . i, f c' i Äxgpeguk' c±, u, pfc' p' gp' <sup>3</sup>4pgo rk' vçf k' f' qrtcm' qtvc' {c' ±, nç' cmcf, t0' [ cr, rçp' dw' ±cn, o c' i grgegmg' F Ä kçk' qxcu, " kçp' " {cr, rçcni' nwtcm, mc' o Äçcf grg' r rçpço cu, pfc' " {qnl' <sup>3</sup>4vçtçkç' qrtcm, t0'

Anahtar Kelimeler: Mwtcm, m' URK' P F XK' F Ä kçk' qxcu, "

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#### ABSTRACT

Chgt "y g'lpf wutkntgxqmwkq. 'i tggpj qwug' i cu'lpetgcugu'hmny kpi "y g'lpetgcugf "wug'qh'huukihwgn'j cxcg" j cf "uki pkkecpv'pgi cxxg'ghgevu"qp "y g'i mdcd'lenko cvg0Vj g'ci tlewwt'cn'ugevqt "kp'r ct'kwert "ku'qpg'qh'j g" ctgcu" y j gtg" y g'ug" ej cpi gu" ctg" o quv' hgn0' k'p" y ku" uwf { ." y g' npi /vgt o " \*4222/4244+" r tgekr kcvkqp. " vgo r gtcwtg" cpf "f tqwi j v'xcnwgu"qh'j g'F A kkr' r nkp"y gtg"gzco kpgf 0'Vj g'r nkp. "necvzf "y kj lp" y g' r tqxlpekn'dqtf gtu'qh'Quo cpk' g' "necvzf "lp" y g'gcu'qh'j g' Cf cpc" T gi kqp'qh'j g'O gf kgttcp'gcp" T gi kqp+ " ku'lwttqwpf gf "d { 'o qwpvckpu0ku'y cvgtu'ctg'f tclpgf "d { 'y g'Eg{j cp" T kxgt "cpf "ku'v'kdwct'ku0Vj g'ko r qt'cpv" o g'j qf u'wugf "v'gzco kpg'cpf "wpf gtucpf "y g'ghgewu'qh'f tqwi j v'ctg=P qto crk' gf "F khtg'peg" Xgi gcvkqp" k'p'f gz " \*P F XK" cpf "Uc'p'f ct'f "Rt'gekr kcvkqp" k'p'f gz " \*URK" qd'cvkpgf "It'qo "ucv'nksg" ko ci gu'0'Vj g' qd'cvkpgf " tguwmu'y gtg"gzco kpgf "cv'f khtg'gpv'ko g'uecngu'cu'cppwcn'cpf "ugcuqpcn'0'k'cf f k'kqp. "cppwcn'c'xgtci g'URK xcnwgu'y gtg'ecre'w'v'f "wukpi "vgo r gtcwtg"cpf "r tgekr kcvkqp" f cv'0'Vj g'eko "qh'j ku'uwf { "ku'v'wpf gtucpf " y g' npi /vgt o "f tqwi j v'ukwcvkqp"lp" y g'F A kkr' r nkp'0'Vj g' qd'cvkpgf "f cv' y gtg'gxcnw'v'f "cppwcm' { cpf "ugcuqpcn'0'Vj g'cppwcn' o gcp'xcnw'qh'P F XKy cu'f v'gto kpgf "cu'wpj gcmj { "r n'p'v'xgi gcvkqp" f gpuk' { "lp" 422: . \*2/205+." cpf "cu' o qf gtcvgn' { j gcmj { "r n'p'v'xgi gcvkqp" f gpuk' { "lp" 4243. \*205/\*208+0'k' y g'cppwcn' xcnwgu'y g'ecre'w'v'f "hqt" y g'ugcuqpu. "P F XK'xcnwgu" y gtg'f v'gto kpgf "cu'wpj gcmj { "r n'p'v'xgi gcvkqp" f gpuk' { "lp" 4227" hqt" y g' y k'p'gt "ugcuqpu. \*2/205+." cpf "cu' o qf gtcvgn' { j gcmj { "r n'p'v'xgi gcvkqp" f gpuk' { "lp" 4237. \*205/\*208+0'k' y g'ur' t'kpi "ugcuqpu. "wpj gcmj { "r n'p'v'xgi gcvkqp" f gpuk' { "lp" 4235. \*2/205+." cpf "cu" o qf gtcvgn' { j gcmj { "r n'p'v'xgi gcvkqp" f gpuk' { "lp" 423; . \*205/\*208+0'k' y g'URK'cpcn' uku. "cee'q'f kpi "v'j g' f cv' "qd'cvkpgf "It'qo "Eg{j cp. "F 3/4 v' qn" Mcj tco cpo ctc "r tgekr kcvkqp" ucvkqpu'v'ngp" It'qo "y g' x'k'ek'k' { "qh" F A kkr' r nkp. "y j gp" y g'ugcuqpcn'cppwcn'xcnwgu'ctg"gzco kpgf. "xgt { "j gcx { "r tgekr kcvkqp" \*50x4+" y cu" f g'v'ge'v'f "lp" y g' y k'p'gt "ugcuqpu"lp" 423; "cv'j g'Eg{j cp" ucvkqp"cpf "ugxgtg'f tqwi j v'\*/307/\*30 ; ++lp" 42350'k' y g'F 3/4 v' qn' ucvkqp. "xgt { "j gcx { "r tgekr kcvkqp" \*40x4+" y cu'f g'v'ge'v'f "lp" 4234" cpf "p'qto cn' \*20 ; /2+lp" 42370' k' 423: . "pgct/pqto cn'f tqwi j v'\*/2/\*20 ; ++xcnwgu'y gtg'f g'v'ge'v'f "lp" y g' Mcj tco cpo ctc "ucv'kqp0Cu'e' t'guwmu." ugxgtg'f tqwi j v'q'ee'w't'g'f "lp" y g'F A kkr' r nkp"lp" 4235" cpf "p'qto cn'lp" 42370'Vj g'f t { "eq'p'f k'k'qpu" P F XK' k'p'f gz " h'p'f kpi u' qd'cvkpgf "It'qo "y g'URK'cpcn' uku"ctg"eq'p'uk'ng'p'v' hqt" y g' uco g' r g' t'k'q'f 0'Vj ku'ukwcvkqp" r t'gug'p'u'wu" y kj "y g' o quv'ko r qt'cpv'j t'gcv'lp" v'gto u'qh' h'q'q'f "uge'w't'k'f. "y kj "y cvgt" t'gu'q'w'eg'u' i t'cf wcm' { "f get'g'cu'k'pi "hqt" y g'F A kkr' r nkp" cpf "d'ge'qo kpi "lp'uw' h'k'eg'p'v'lp" y g' h'c'eg' qh'cp'lp'et'g'cu'k'pi "r q' r w'cv'kqp'0'Vj ku'uwf { "y kni' w'k'f" y g' h'w'w't'g'f tqwi j v'eq'p't'q'n' r' n'p'p'k'pi "hqt" y g'F A kkr' r nkp'0'

**Keywords:** "F tqwi j v."URK'P F XK'F A kkr' r nkp"

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#### KIZILCIK TÜKETİMİNİN HELİKOBAKTER PİLORİ ÜZERİNE ETKİSİ EFFECT OF CRANBERRY CONSUMPTION ON HELICOBACTER PYLORI

Gizem YILMAZ<sup>1</sup>

<sup>3</sup>[ *AmuğmNacpu*" t gpekuk "Crcp{c "Crc cff kp "Mg{m dcv'Opkxgt ukxguk'Uc n,mDsko rgt k'GpukvAuA." Dgurgpo g'xg'F k' gvgvniCpcedkko "F cn. "Cpvcıf c. "VAtnk'g"

<sup>3</sup>QTEKF "KF <j wru<1qtekf Qti I222;/2226/3693/922Z"

Ezgi TOPTAŞ BIYIKLI<sup>2</sup>"

<sup>4</sup>Ft0" t0©{guk "Crcp{c "Crc cff kp "Mg{m dcv'Opkxgt ukxguk'Uc n,mDsko rgt k'HcnAnvguk "Dgurgpo g'xg" F k' gvgvniD'Ano A. "Cpvcıf c. "VAtnk'g"

<sup>4</sup>QTEKF "KF <j wru<1qtekf Qti I222/2224/; 499/322Z"

#### ÖZET

M, ,re,m' öGtlecegcgö" hco kn{cu,pc" ck' o g{xgrgtf gp" dtk' qnrw. " uq wnm",no cp" knko rgtf g" xg" cukf kn' vqr temctf c" {gk o gmgf k'OMÄAm"u,ten,"qxcn{er temctc"ucj kr ±cn,"hqt o wpc "dk"dkmkf k'00 g{xg"¼ Ä" o g{xg"uw{w"uqu."r g{pk. "±knqrcv"xg"vcj ,n'dctct,pf c"mwmp,o , "{c{i ,pf,t0Xkco kp."o kpgtci'xg"hepqriki' dkr kmgt'i kdk'cpvkmkf cp"¼ grnkmtg"ucj kr "dk±qndk'qcmki'dkr gp"demo ,pf cp" gpi kpf k'OCpvkmkf cp." cpvkphrc o cwct." cpko wclgplm" cpvktcn" cpvdcmgtk'gni' xg" cpvkwpi cn' ¼ grnkmtg" ucj kr vt0' M, ,re,m' k±gtk kpf gnk' dk'qcmki' dkr gprgt" ctce,n ,{re" netf k'qxcumÄngt" j cuxcnmct. "f k'cdgv." qdgl kg." qmkf cvki' utgu."nepugt."c ,|"uc n ,."kf tct" {qnw'gphgmkf qpct, "Ä gtlpg"qno nw'gvnkgt"uc re {cdko gmgf k'OMkpkni' ±cn o crctf c'dcmgtk'gni' cvqlgprgtg'het ,gvnk'k'qif w wücr vpo , vt0Uqp" {,mctf c'm, ,re, ,p'i cutk'v' r gr vni' Ängt" xg" o kf g" nepugt' k±p" dk" gvngp" qrcctni' i ¼ Ängp" J grnkqdcmg" Rkqt' Ä gtlpf g" gvnk' qrcdkreg k' i Äpf go g" i gm k vt0' Dw" ±cn o cf c" rkgtecvÄ" cte vto cu," kg" m, ,re,m' vÄngko klp" j grnkqdcmg" r kqt' Ä gtlpf gnk'gvnk'kp'kpegr{gp" ±cn o crct,p" f gtrgpo guk'co c±rpo , vt0M, ,re, ,p" k±gtk kpf g" dwmpcp" C" vkr' r tqcpvuk' cpk' kprgtlp." J grnkqdcmg" Rkqt'kp" o kf g" j Äetgrgt' kpf g" xg" o wmwvckn' cmkxuc{ qpwpw' gpi gmgo gf g" gvnk' qrcdkreg k' ucr vpo , vt0' M, ,re,m' f k'gp±k' dcmgt' uw rct,p,p" i grk o g" qrcu,n ,p, c| cncdko gmgf k'0' J grnkqdcmg" Rkqt' gtef knu{ qpwpf c" cpvdk' qvni' vgf cxkulp" gni' qrcctni' m, ,re,m' mwmp,o ,p,p" vgf cxk' k' qno nw' gvnk'gf k' kp' i ¼ vngtgp" ±cn o crct" o gxewwt0' Cpecni' m, ,re, ,p" vgf cxk' g" mwmp,recni' hqt o w" o kmct, "xg"mwmp,o "uÄ guk' r' kni' k'kf ej c" her uco n" ±cn o crctc' kj v' k' c±' xctf, t0'

Anahtar Kelimeler: 'm, ,re,m' j grnkqdcmg' r kqt' i cutk'v'

#### ABSTRACT

Etepdgtt { 'ku'qpg'qh'vj g'htwku'dgmp i pi "v'v' g'\$Gtlecegcg\$'hco kn' "cpf' i tqy u'lp'eqif. "vgo r gtcv'g'enko cvgu" cpf "cekf le"uqku'0'K'ku'c'uj twd/uj cr gf "r rpvly kj "uo cm'tqy /uj cr gf. "qxcn'gexgu'0'K'ku'y kf gn' "wugf "kp'ht wks" r wr. "lwkg."ucweg."ej ggug."ej qeqrvg"cpf "egtgen'dctu'0'K'ku'tlej "kp"o cp { "dkqcev'xg"eqo r qwpf u'y kj " cpvqz'kf cpv'r tqr gt vgu."uwej "cu'xkco kpu."o kpgtci'cpf "r j gpqrle"eqo r qwpf u'0'K'j cu'cpvqz'kf cpv."cpv/ kphrc o cvqt { ."cpvko wci gple."cpvktcn" cpvdcvgtkci'cpf "cpvkwpi cn'r tqr gt vgu'0' Etepdgtt { "ecp" j cxg" r quks'xg" ghgeu"qp"ectf kqxcuewct "f kugcugu."f kcdgvgu."qdguk'f. "qz'kf cv'xg"utguu."ecpegt."qtci'j gcnj "cpf" wlpct { "tcev'lp'hev'kpu'vj tqwi j "vj g"dkqcev'xg"eqo r qp'gpw'k'eqpv'kpu'0'K'j cu'dggp" hqwpf "v'q"dg"ghge'v'xg" ci c'kpu' dcevtkci' r cvj qi gpu'kp" enlp'kci'uwf lgu'0'kp" tgegpv { gctu. "k'j cu'dggp" dtqwi j v'v' "vj g" hqtg" v' cv' etepdgtt lgu'o c { "dg"ghge'v'xg"qp" J grnkqdcvgt "R{ ntk'y j lej "ku'eqpuk' gtgf "c"ecwuc'v'xg"ci gpv'ht "i cutk'ku." r gr v'wregtu'cpf "uqo cej "ecpegt0'Vj ku'uwf { 'clo gf "v'q'eqo r kg'rkgtcwtg'tgugctej "cpf "uwf lgu'gzco klp' i "vj g" ghge'v' qh' etepdgtt { "eqpuwo r v'kp" qp" j grnkqdcvgt" r { ntk'0' K' j cu' dggp" f gvto kpgf "vj cv' v' r g" C" r tqcpv' qe { cpk' kpu'eqpv'k' kpf "kp' etepdgtt lgu'o c { "dg"ghge'v'xg"kp" r tgxgp'v'pi "vj g'cev'k'cv'kp' qh' J grnkqdcvgt" R{ ntk'kp" uqo cej "egmu' cpf "o wewu'0' Etepdgtt lgu'o c { "tgf weg" v'j g" rkn'kj qqf "qh' f gxgnr kpi "tguk'v'cpv"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

dcevtkn'utckpu0Vj gtg'ctg'uwf kgu'lj qy lpi 'yj cv'yj g'wug'qh'etcpdgtt { 'lp'cf f kkp'v'cpvdkqve'tgcvo gpv' kp" yj g" gtcf lecvkp" qh"J grleqdcevt" R{mtk'j cu" c" r qukkxg" ghgev" qp" yj g" vgcvo gp0'J qy gxgt." o qtg" eqo r tgj gpukxg'uwf kgu'ctg"pggf gf "tgi ctf lpi "yj g"hqto ."co qwpv'cpf "f wcvkp"qh'wug'qh'etcpdgtt { "lp" vgcvo gp0

**Keywords:**'etcpdgtt {."j grleqdcevt"r {mtk'i cuktku"

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#### ABSTRACT

Kp'c'i mdcn'k' gf 'y qtrf . 'ej cpi kpi 'f lgvct { 'j cdku'cpf 'rj { ulecn'k'p'ev'x'k'v' 'j cxg' o cf g'qdguk' { 'c' i mdcn'kuuwg' Y j gp' o gf lecn'pwt'k'k'p' 'v' j gtr { . 'rj { ulecn'ce'v'x'k'v' 'k'p'v'gt'x'gp'v'k'p'u' . 'cpf' 'o' gf lecv'k'p' 'v' j gtr { 'h'c'n'v'q' { 'k'g'f' " uwl'h'k'p'v't'gu'w'u'k'p' 'qdguk' { 'v' t'gc'v' gpv' . 'dct'k'v't'le' 'u'w'ti' g' { 'd'ge'q'o' gu'c' 't'g'x'c'p'v'q'r' v'k'p'OT' g'eg'p'v'uw'f' k'g'u' 'j' cxg' 'uj' qy' p' 'v' j' c'v' 'k'o' d'c'r'p'eg'u' 'k'p' 'v' j' g' 'i' w' 'o' k'et'q'd'k'q'v' 'o' c' { 'd'g' 'c' 'u'k'i' p'h'k'p'v' 'h'c'v'q't' 'r'g'c'f' k'p'i' 'v'q' 'q'd'g'uk' { 'O' 'D'c't'k'v't'le' 'u'w'ti' g' { . 'e'q'p'uk'f' g't'g'f' 'q'p'g' 'q'h' 'v' j' g' 'o' q'u'v' 'g'h'g'ev'x'g' 'v' t'gc'v' gpv' 'h'q't' 'q'd'g'uk' { . 'p'q'v' 'q'p'n' { 'c'ej' k'g'x'g'u' 'y' g'k'i' j' v' 'r'q'u' 'd'w' 'c'nu'q' 'r' q'u'k'k'x'g'n' { 'k'o' 'r' c'ev' 'v' j' g' 'i' w' 'o' k'et'q'd'k'q'v' 'o' 'E'j' c'p'i' g'u' 'k'p' 'i' w' 'o' k'et'q'd'k'q'v' 'c't'g' 't'g'i' c't'f' g'f' 'c'u' 'q'p'g' 'q'h' 'v' j' g' 'h'w'p'f' c'o' g'p'w'e'k'o' g'ej' c'p'k'u'o' u'w'p'f' g't'n' { k'p'i' 'v' j' g' 'r' q'u'k'k'x'g' 'e'k'p'k'c'n'q'w'eq'o' g'u' 'q'h' 'v' j' g' 'u'w'ti' g' { 'O' 'T' g'eg'p'v'uw'f' k'g'u' 't'g'x'g'c'n' 'c' 'u't'q'p'i' 't'g'r'v'k'p'uj' k'r' 'd'g'w' g'g'p' 'i' w' 'o' k'et'q'd'k'q'v' 'c'p'f' 'c'f' k'r' q'u'k' { 'O' 'V'j' k'u' 'u'w'f' { 'c'k'o' g'f' 'v'q' 'e'q'o' 'r' k'g' 'e'w't'g'p'v't' g'ug'c't'ej' " g'z'c'o' k'p'k'p'i' 'v' j' g' 't'q'r'g' 'q'h' 'r' t'q'd'k'q'v' 'e'u' 'k'p' 'v' j' g' 't'g'r'v'k'p'uj' k'r' 'd'g'w' g'g'p' 'd'c't'k'v't'le' 'u'w'ti' g' { 'c'p'f' 'k'p'v'g'uk'p'c'n' 'o' k'et'q'd'k'q'v' 'o' 'K'p' 'y' g'k'i' j' v' 'r'q'u' 'k'p'f' w'eg'f' 'd' { 'd'c't'k'v't'le' 'u'w'ti' g' { . 'u'j' 'k'h'u' 'k'p' 'v' j' g' 'i' w' 'o' k'et'q'd'k'c'n' 'e'q'o' 'o' w'p'k'k'g'u' 'r' 'c' { 'c' 'u'k'i' p'h'k'p'v' 't'q'r'g' 'O' 'V'j' g' 'g'h'g'ev' 'q'h' 'v' j' g' 'u'w'ti' g' { 'k'u' 'c'u'q'ek'v'g'f' 'y' k'j' 'e'j' c'p'i' g'u' 'k'p' 'd'k'g' 'c'ek'f' 'o' g'v'c'd'q'r'k'u'o' 'c'p'f' 'c'p' 'k'p'et'g'c'ug' 'k'p' 'r' 'J' " 'r'g'x'g'u' 'f' w'g' 'v'q' 't'g'f' w'eg'f' 'u'q'o' c'ej' "x'q'n'w'o' g' 'O' 'C'f'f' k'k'k'p'c'm' { . 'e'j' c'p'i' g'u' 'k'p' 'j' q't'o' q'p'g' 'r'g'x'g'u' . 'u'w'ej' "c'u' 'r'g'r' v'k'p' "c'p'f' " i' j' t'g'r'k'p' . 'r' q'u'v' 'u'w'ti' g' { 'c't'g' 'f' k't'g'ew' { 't'g'r'v'g'f' "v'q' 'g'p'g't'i' { "o' g'v'c'd'q'r'k'u'o' "c'p'f' "v' j' g' 'o' k'et'q'd'k'q'v' 'o' 'E'j' c'p'i' g'u' 'k'p' 'v' j' g' " o' k'et'q'd'k'q'v' 'k'p'f' w'eg'f' 'd' { 'd'c't'k'v't'le' 'u'w'ti' g' { 'r' q'u'k'k'x'g'n' { 'k'o' 'r' c'ev' 'v' j' g' 'i' w' 'o' k'et'q'd'k'q'v' 'o' 'g'v'c'd'q'r'k'u'o' . 'k'p'h'c'o' 'o' c'v'k'p' " 'r'g'x'g'u' . "j' q't'o' q'p'c'n' 'd'c'r'p'eg'u' . 'c'p'f' "q'x'g't'c'm' 'o' g'v'c'd'q'r'k'e' "h'c'v'q't'u' 'O' 'K'p' "t'g'eg'p'v' { 'g'c't'u' . "k'v'j' c'u' 'd'g'g'p' "u'w'i' i' g'u'v'g'f' "v' j' c'v' 'r' t'q'd'k'q'v' 'e'u' 'o' c' { 'd'g' "g'h'g'ev'x'g' 'k'p' "o' c'k'p'v'c'k'p'i' "v' j' g' 'r' q'u'k'k'x'g' "e'j' c'p'i' g'u' 'k'p' "i' w' 'o' k'et'q'd'k'q'v' "r' q'u'v' 'u'w'ti' g' { 'O' 'K' 'k'u' 'v' j' q'w'i' j' v' 'v' j' c'v' 'r' t'q'd'k'q'v' 'e'u' 'o' c' { 't'g'i' w'r'v'g' 'i' w' 'o' k'et'q'd'k'q'v' . 't'g'f' w'eg' 'k'p'h'c'o' 'o' c'v'k'p' . 'k'o' 'r' t'q'x'g' 'o' g'v'c'd'q'r'k'e' "d'c'r'p'eg' . " c'p'f' "u't'g'p'i' v' j' g'p' "u'w'ti' k'ec'n' 'q'w'eq'o' g'u' 'O' 'C'n'j' q'w'i' j' "u'q'o' g' "u'w'f' k'g'u' "j' cxg' "uj' qy' p' "r' q'u'k'k'x'g' "t'g'u'w'u' "h'q'o' "w'uk'p'i' " r' t'q'd'k'q'v' 'e'u' 'r' q'u'v' 'd'c't'k'v't'le' 'u'w'ti' g' { . 'e'q'p'h'k'v'k'p'i' 'h'k'p'f' k'p'i' u'j' cxg' 'c'nu'q' 'd'g'g'p' 'q'd'ug't'x'g'f' . 'c'p'f' 'v' j' g' 'g'h'g'ev'x'g'p'g'u' 'q'h' " r' t'q'd'k'q'v' 'e'u' 't'g'o' c'k'p'u' 'w'p'erg'c't' 'O' 'O' q't'g' 'e'q'o' 'r' t'g'j' g'p'uk'x'g' 'u'w'f' k'g'u' 'c't'g' 'p'g'g'f' g'f' 'v'q' 'f' g'v'g't'o' k'p'g' 'v' j' g' 'c'r' 'r' t'q'r' t'k'v'g'f' q'u'c'i' g' " c'p'f' "f' w'c'v'k'p' "q'h' 'w'ug' 'O' 'H'w'w't'g' 't'g'ug'c't'ej' "q'p' "r' t'q'd'k'q'v' 'e'u' . "r' q'u'v' 'd'k'q'v' 'e'u' . "c'p'f' "r' c't'c'd'k'q'v' "d'c'ev'g't'k' "o' c' { "e'q'p'v't'k'd'w'g' " v'q' 'v' j' g' 'f' g'x'g'n'r' 'o' g'p'v' 'q'h' 'p'g'y' "v' j' g't'c'r' g'w'k'e' 'u't'c'v'g'i' k'g'u' 'v'c't'i' g'v'k'p'i' "v' j' g' 'o' k'et'q'd'k'q'v' 'c'p'f' "q'h'g't' 'p'g'y' "c'r' 'r' t'q'c'ej' g'u' 'h'q't' " o' c'p'c'i' k'p'i' "q'd'g'uk' { / 't'g'r'v'g'f' "o' g'v'c'd'q'r'k'e' "f' k'ug'c'ug'u' }

**Keywords:** 'dctkvtle' uwti gt { . 'i w'o k'etqdkqv' . 'r t'qdkv'eu' "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TÜRKİYE'DE YEREL YÖNETİM REFORMLARININ GELİŞİMİ VE GÜNCEL ZORLUKLAR

#### DEVELOPMENT OF LOCAL GOVERNMENT REFORMS IN TURKEY AND CURRENT CHALLENGES

Ali GÖRGÜN

.. tO 3/40'Ft0'¥ wmw qxc '©pkxgt ukxguk 'Mq| cp 'O gurgn| Ānugnqmww| 3/pgvko 'xg'Qt i cpk| cu| qp 'D3/40 Ā' [ gt grn| 3/pgvko rgt 'Rt0'Cf cpc NĀtnk| g. QTEK' 'KF <j wru-1qt ekf Qti D22; /2229/4: : /; 2; 2"

#### ÖZET

Dw'dkrf ktk "VĀtnk| gōf gnk| { gt grn| { 3/pgvko rgtlp "ctkj ugn| grk ko kpk'xg'tghqto "uĀtg+rgtkp|kpegrgo gmg." { gt grn| { 3/pgvko rgtlp "net ,nc v , "i Āpegr|uqt wprct, "xg" | qtnmmt, "grg"cmo cmcf ,t0'VĀtnk| gōf g" { gt grn| { 3/pgvko rgtlp "o qf gtp" cprco f c" { cr ,ncpf ,t,mo cu, " Quo cprn" o r ctcvqtnw wprw" uqp" f 3/pgo rgtlpf g" dc mo , " xg" Ewo j wtk| gv'f 3/pgo k'dq { wpec"dk±qm'tghqto "uĀtgek'kr'f gxco "gvo k vt03; : 2"uqptcu, "f 3/pgo f g"j ,| rncpcp" { gt gmg o g'j ct gngvgtk" { 3/pgvko "ukugo kpf g'3/pgo rk'f g k knkmgtg" { qn'c±o , vt0Dw±cn o c. "VĀtnk| gōf gnk" { gt grn| { 3/pgvko "tghqto rct,p,p" { cucn'±gt±gxgukp'k'xg"o gtnḡ| k' { 3/pgvko rē'krk nkrgtlpf gnk'f g k knkmgtk'cpcrk " gvo gmgf k0"

C { t,ec. " { gt grn| { 3/pgvko rgtlp "o crk'uat wprct, "nc { pcn| { gvtuk| rk k'xg" { gvnk'r c { nc ,o , "i kdk'vgo grn| qtnmmtc" f c "f kmnev'±gno gmgf k0'O gtnḡ| k' { 3/pgvko "kr" { gt grn| { 3/pgvko rgt "ctcu,pf cnk" { gvnk'r c { nc ,o , "uqt wprw'xg" hpcpcn| dc ,o u, | n'n' gmuknk k" { gt grn| { 3/pgvko rgtlp "gnkprk k'c| cno cmcf ,t0'Dwprw" { cp, "u,c." { gt grn| { 3/pgvko rgtlp "cme'f c j c" { cmp'dk" { 3/pgvko "lc mo c'j gf ghkpf gvgmg { gp'ncv,no e, " { 3/pgvko "o qf gmgtklp" gmuknmgtk'f g'3/pgo rk'dk"ctv, o c"nupwuf wt0'Dw±cn o cf c. "VĀtnk| gōf gnk" { gt grn| { 3/pgvko rgtlp "o gxew" f wtw wprw "cpcrk k' { cr ,mo cmc "xg" f c j c "gnk'p dk" { gt grn| { 3/pgvko " { cr ,u,p,p "lp cu,pc" { 3/prkn'3/pgtkrgt " uwpwo cmcf ,t0'

Anahtar Kelimeler: [ gt grn| { 3/pgvko . "VĀtnk| g. "o gtnḡ| k' { 3/pgvko . "ncv,no e, " { 3/pgvko 0'

"

#### ABSTRACT

Vj ku'r cr gt "gzco kpgu'vj g'j kuvtkecn'f gxgnr o gpv'cpf 'tghqto 'r tqeguugu'qh'hqecn'i qxgtpo gpw'lp "Vwtng { . " cf ft gukpi "vj g'ewtgpv'kuwgu'cpf 'ej cmgpi gu'vj g { 'hceg0Vj g'o qf gtp'ut wewtkpi "qh'hqecn'i qxgtpo gpw'lp" Vwtng { "dgi cp'lp'vj g'ncv"Qwqo cp "Go r ktg"cpf "eqpvkpwgf "y kj "pwo gtqwu'tghqto "r tqeguugu'vj tqwi j qw" vj g "Tgr wdile" gtc0'Vj g' ceegrntcvkqp "qh'f gegpvcnk' cvkqp" o qxgo gpw' r quv3; : 2"j cu'rgf "v"uki pkhccpv' ej cpi gu'lp'vj g'i qxgtcpeg'u { ugo 0Vj ku'uwf { "cpcn| | gu'vj g'rgi cnl'co gy qtn'qh'hqecn'i qxgtpo gpv'tghqto u' lp "Vwtng { "cpf "vj g'gxqmkpi 'tgrv'kpuj kr "y kj "egpvcn'cf o kpkutcvkqp0"

Cf f kkpemf . " k' j ki j rki j w" vj g' eqtg' ej cmgpi gu' hceg' " d { " hqecn' i qxgtpo gpw. " kpenmf kpi " hpcpekn' eqputcvku. " tguqweg' u j qtci gu. " cpf " kuwgu' tgrv'gf " vj " cwj qtk' " u j ct kpi 0' Vj g' ut wi i rg' qxgt " cwj qtk' " f kutkdwkqp'cpf "vj g' hcen'qh'hpcpekn'kpf gr gpf ppeg'ltqo 'egpvcn'i qxgtpo gpv'wprf gto kpg'vj g'gh'ge'v'x'gpggu" qh'hqecn'cf o kpkutcvkqp0' Hwt vj gto qtg. "vj g'cdugpeg'qh'r ctv'ekr cvqt { "i qxgtcpeg'o qf gu'vj cv'uw r qt v'vj g' i qcn'qh'r tqxk' kpi "i qxgtcpeg' emugt "v'ekkk' gpu'tgo ckpu'c'etk'kecn'kuwv0Vj ku'r cr gt "cpcn| | gu'vj g'ewtgpv' ucvg'qh'hqecn'i qxgtpo gpw'lp "Vwtng { "cpf "r tqr qugu'tgeqo o gpf cvkqp'u'ht "dwkf kpi "c'o qtg'gh'ge'v'x'g'hqecn' i qxgtcpeg'ut wewt g0

Keywords: "Nqecn'i qxgtpo gpw. "Vwtng { . "egpvcn'cf o kpkutcvkqp. "r ctv'ekr cvqt { "i qxgtcpeg0'

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MWCNT/POLİPİROL NANOKOMPOZİTLERİN KİMYASAL OKSİDATİF SENTEZİ VE SÜPERKAPASİTÖR ÖZELLİKLERİNİN İNCELENMESİ" CHEMICAL OXIDATIVE SYNTHESIS OF MWCNT/POLYPYRROLE NANOCOPPOSITES AND INVESTIGATION OF THEIR SUPERCAPACITOR PROPERTIES"

Feridun DEMİR<sup>1\*</sup>

<sup>3</sup>Rt q10F t0'Quo cpk'g'Mqtmw'Cvc '©pkxgt ukxguk 'NkucpuÄunÄ'G kko 'GpukwÄuÄ. 'Mko {c 'OÄj gpf kurk k' Cpcdkko 'F cn. 'Quo cpk'g. 'VÄtnk'g"

<sup>3</sup>QTEKF 'KF <j wru-Älqtekf Qti D222/2223/8594/8; 7: "

Pelin ÖKDEM<sup>2</sup>

<sup>4</sup>Mko {c [ ÄmugniOÄj gpf kurk Mko {ci gt. 'Quo cpk'g'Mqtmw'Cvc '©pkxgt ukxguk 'NkucpuÄunÄ'G kko 'GpukwÄuÄ. 'Mko {c 'OÄj gpf kurk k' Cpcdkko 'F cn. 'Quo cpk'g. 'VÄtnk'g"

<sup>4</sup>QTEKF 'KF <j wru-Älqtekf Qti D22; /2227/3: 39/5: 74"

#### ÖZET

Rqiko gtrgt. 'b qf gtp' {c co ,p'dkt±qmñrcp,pf c'³pgo rk'dkt'tqnlq {pco cmcf ,t'xg' {gpkr qiko gt'o cñ go grgtkp' i grik vktko guk'o Äj gpf kurkn'xg'dkko "crp,pf c'cmkh'dk'ctc vto c'nupwuf wt' rgnvnp'r riko gtrgt. 'grgmtkni' cmo ,p, 'kvgdkrgp'³⁄⁴ gn'r qiko gtrgtf k'ORqirk ktqni\*RR{ '+k' k'kgvngprkni'³⁄⁴ gnknmgt'kp'ucj kr 'qnw. 'ugpu³⁄⁴rgtf g' xg'r kn'xg'uÄr gtner cuk³⁄⁴rgtf g' i kdk'gpgtlk'f gr qico c'ekj c| rct,pf c'u,mæc"nwrcp,nt0¥ qn'f wxctn'netdqp' pcpqVÄr rgt " \*O Y EP Vrgt+" dkt±qm' nupucvtni' vÄr " j cnkpf g' f Äj gprgo k " netdqp' cvqo rct,pf cp" qnw cp" pcpqncrcf c" {cr ,mpf ,t,m , " o cñ go grgtf k't' Dw' {cr ,. " {Ämugni' o gnæpkn' f c {cp,mn,m} j chikrni' xg' grgmtknugnk'kgvngprkni' kdk'qrc cpÄunÄ'³⁄⁴ gnknmgt'uwpc0O Y EP Vrgt. "±g kur'pcpqno r q| k'b cñ go grgtkp' i grik vktko gulpf g' ³⁄⁴pgo rk' dkt' tqn' q {pco cmcf ,t' RR{ " xg" O Y EP Vrgt'kp' nqo dlpcu {qpw. " {Ämugni' r gthqto cpun' pcpqno r q| krgt" qnw wto cni' k±p" kn' k' ±gnæk' dkt' {cmæ ,o " uwpo cmcf ,t' Dw' vÄr" pcpqno r q| krgt. 'j gt' kn'b cñ go gpkp'³⁄⁴ gnknmgt'kp'dk'ng vktgtni' {gp'k'xg'i grik o k 'w'i wco c't' qvcuk' gngt' uc rct' Dw' ±cn o cfc. " nko {cucni' qmuk'cvkni' r riko gk'cu {qp' {³⁄⁴pgo k' krg' RR{ " xg" O Y EP VIRR{ " pcpqno r q| krgt" ugprv| rgo k " xg" gfr g" gfr krgp" pcpqno r q| krgt'kp' uÄr gtner cuk³⁄⁴" ³⁄⁴ gnknmgt' k'pgrgo k vkt' C {t,ec."dq| wco , " O Y EP V."5-3"qtc,pf c'cuk"\*J 4UQ6J 4Q4+"xg'dc| " \*PJ 6QJ J 4Q4+" ±³⁄⁴ gnknmgt'k'kg' hqpmuk' qprni' crg'i gk'kko k "xg"/O Y EP Vj/RR{ "xg"/d/O Y EP Vj/RR{ "pcpqnno r q| krgt" gfr g' gfr kko k vkt'O O Y EP Vrgt'kp' r rirk ktqni' o cvtkulpf g' j qo qlgp' f c ,no , "xg" pcpqno r q| krgt'kp' nædwni' ±gnkf gn'wr k'b qthqnlkni' {cr ,rct, 'UGO 'i ³⁄⁴ ÄpvÄrgt'k'kg'i ³⁄⁴ ngo rgo k vkt'O O Y EP Vrgt'kp' hqpmuk' qprncu, " krg'qnw cp' hqpmuk' qprni' tw rct,p' O Y EP Vrgt'kp' dkt'ctc {c'i gro gulpg'xg'muo gp'vr cmæpo crct,pc'pgf gp' qrf w w' UGO. " HVKT" xg" ZTF" cpcrk' rgtk' krg' i ³⁄⁴ ngo rgo k vkt'O O Y EP V" xg" f/RR{ f gp' qnw cp' pcpqno r q| krgt'kp' k'kgvngprk' k'p'uch'f/RR{ } g'm {cuc' f'cj c' " Ämugni' qrf w w'dwmpo w wt' OEX. 'I EF 'xg' GKU' uqpwærc, " c/O Y EP V" xg" d/O Y EP Vrgt'kp' f Ä Äni' r ctvknÄni' k±gtknk' pcpqno r q| krgt' k±gt'kulpf g' mwrcp,o ,p,p' o cñ go grgt'kp' uwr gtner cuk³⁄⁴" ³⁄⁴ gnknmgt'kp' qnw nw' {³⁄⁴pf g. " cpecn' {Ämugni' r ctvknÄni' k±gt'knmgt'kp' g' qnw uw' " {³⁄⁴pf g' gnknkf k' k' i ³⁄⁴ Äno Ä vÄt' [ Ämugni' r ctvknÄni' k±gt'knk' pcpqno r q| krgt' g' dwmpcp'vr rpo , ' j cfr gnkhqpmuk' qprnw' O Y EP V' r ctvknÄrgt'kp'p. 'grgmtqvctf cnk'k' qprct,p' k'kgvngprk' k'p' xg' f c ,no ,p,p' c| cm cu,pc' xg' f qrc { ,u, {rc' gpgtlk'f gr qico c' ner cukgrgt'kp' f Ä o gulpg' pgf gp' qrf w w' i ³⁄⁴ Äno Ä vÄt'0¥ cñ o c'RR{ "xg"/O Y EP Vrgt'kp' dkt'ctc {c'i gro gulpg'p. "o cñ go g' dkko k'xg' pcpqngprqnlk' crp,pf c' j g' gecp' xgtek' dkt' i grik o g' qrf w w'p'w' i ³⁄⁴rgto k vkt'O Dw' vÄr" pcpqno r q| krgt'kp'ctc v,t,m cu, " ±g kur'gpf Ävkt' gn'xg'dkko ugn'w'i wco crct' k±p'dÄ' Änidk' r qvcuk' gng'ucj kr vkt'O

Anahtar Kelimeler: Rqirk ktqn ¥ qn'f wxctn'netdqp' pcpqVÄr " \*O Y EP V+ 'P cpqno r q| k' UÄr gtner cuk³⁄⁴"

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#### ABSTRACT

Rqn{ o gtur r{ "cp"ko r qtcvpvtqr{ "lp"o cp{ "ctgcu"qh'o qf gtp"rkg. "cpf "y g" f gxr o gpv'qh'pgy "r qn{ o gt" o cvgtknu"ku"cp"cevkg"tgugctej "qr le"lp" gpi lpggtkpi "cpf "uelgpeg'Eqpf wevkg" r qn{ o gtu"ctg"ur gekn' r qn{ o gtu'y cv'ecp"eqpf wev'grgevtle"ewtgpv'Rqn{ r { ttqr{ "RR{ "+" cu"i qaf "eqpf wev'kxk{ "r tqr gtvku"cpf "ku" hts wgpv{ "wugf "lp"ugpuqtu"cpf "gpgti { "uvqci g" f gxlegu"uwej "cu"dcwtkgu"cpf "uwr gtecr cekqtu'O wnk/ y cmgf "ectdqp"pcpqwdgu"\*O Y EP Vu+"ctg"pcpquecrg"utwewtgf "o cvgtknu"eqpukukpi "qh"ectdqp"cvqo u" cttcpi gf "lp"o cp{ "eqpegpvtle"wdgu'Vj ku'utwevtg'qh'htu"qwuucpf kpi "r tqr gtvku"uwej "cu"j ki j "o gej cplecn' utgpi y . "hi j v'y gli j v."cpf "grgevtlecn'eqpf wev'kxk{ 'O Y EP Vu"r r{ "cp"ko r qtcvpvtqr{ "lp"o g" f gxr o gpv' qh'xctkqu"pcpqueo r qukg"o cvgtknu'Vj g"eqo dlpcvqp"qh"RR{ "cpf "O Y EP Vu"qh'htu"cp"lpvgtgukpi " cr r tqcej "q"etgcvg"j ki j /r gthqto cpeg'pcpqueo r qukgu'Uwej "pcpqueo r qukgu'r tqxkf g'pgy "cpf "cf xcepgf " cr r rlecvtqp" r qv'pvcn" d{ " eqo dlpcvqp " y g" r tqr gtvku" qh" dqj " o cvgtknu' k{ " y ku" uwf { ." RR{ " cpf " O Y EP VIRR{ "pcpqueo r qukgu'y gtg'u{p'y guk gf "d{ "ej go kecn'qz kf cvkg'r qn{ o gtl cvkqp"o gj qf "cpf "y g" uwr gtecr cekqt " r tqr gtvku" qh" y g" qdvcvpgf " pcpqueo r qukgu" y gtg" kpxguki cvgf 'O k{ " cf f kkp." r tkvkgp" O Y EP V"y cu"hwpev'qpcrk gf "y kj "cekf "J 4UQ6IJ 4Q4+"cpf "dcug"\*PJ 6QJ IJ 4Q4+"uqnwkpucv'c"tcvq"qh" 53" cpf " c/O Y EP Vf/RR{ " cpf " d/O Y EP Vf/RR{ " pcpqueo r qukgu" y gtg" qdvcvpgf 'O J qo qi gpgquw" f kvtkdwkqp"qh'O Y EP Vu"lp"y g"r qn{ r { ttqr{ "o cvkz"cpf "uj gm'eqt g"v' r g"o qtr j qm'i kecn'utwevtgu'qh'y g" pcpqueo r qukgu'y gtg'qdugt xgf "d{ "UGO 'ko ci gu'OK'y cu'qdugt xgf "d{ "UGO . 'HVKT"cpf "ZTF "cpn{ ugu'y cv' y g"hwpev'qpcrk'i tqw u'hqto gf "d{ "y g"hwpev'qpcrk cvkqp"qh"O Y EP Vu"ecwugf "y g"O Y EP Vu"vq"eqo g" vqi gj gt"cpf "r ctvkm{ "ci i tgi cvg'OK'y cu'hqwpf "y cv'y g"eqpf wev'kxk{ "qh'y g"pcpqueo r qukgu'eqpukukpi "qh" O Y EP V"cpf "f/RR{ "y cu"j ki j gt'eqo r ctgf "v'r wtg'f/RR{ 'OEX. 'I EF "cpf "GRU"tguwu"uj qy gf "y cv'y g" wug" qh" c/O Y EP V"cpf "d/O Y EP Vu"lp"pcpqueo r qukgu"y kj "m'y "r ctveng"eqpvgp'r qukkxgn{ "chgevgf "y g" uwr gtecr cekqt "r tqr gtvku"qh'y g"o cvgtknu. "dw'pgi cvkgn{ "cv'j ki j "r ctveng"eqpvgp'OK'j cu'dggp"qdugt xgf " y cv'y g"hwpev'qpcrk gf "O Y EP V"r ctveng"lp"y g"ci i tgi cvgf "ucv'lp"pcpqueo r qukgu'y kj "j ki j "r ctveng" eqpvgp'ecwug"y g" f getgcug"lp"y g"eqpf wev'kxk{ "cpf "f kvtkdwkqp"qh"lqpu"lp"y g"grgevt qf gu"cpf "y wu"y g" f getgcug"lp"y gk "gpgti { "uvqci g"ecr cek{ 'O Vj g"uwf { "uj qy gf "y cv'y g"eqo dlpcvqp"qh"RR{ "cpf "O Y EP Vu" ku"cp"gzekki "f gxr o gpv'lp"y g" hkrf "qh'o cvgtknu"uelgpeg"cpf "pcpqvej pqm'i { 'O Vj g" kpxguki cvkqp"qh" uwej "pcpqueo r qukgu"j cu'i tgcvr' qv'pvcn'htq'xctkqu'lpf wutkn'cpf "uelgpev'le"cr r rlecvtqp'u"

**Keywords:** Rqn{ r { ttqr{ . 'O wnk/ y cmgf "ectdqp"pcpqwdgu"\*O Y EP V+. 'P cpqueo r qukgu. 'Uwr gtecr cekqt "

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#### TÜRKİYE SELÇUKLU DEVLETİ'İNDE ŞEHİR TARİHÇİLİĞİ YAZICILIĞI

Arife EKİCİOĞLU

Mej tco cpo cte "UÃvÃ" o co "©pkxgt ukvguk "Uqu{cn'Dkko rgt "GpukvÃuÃ "Vctkj "Cpc "Dkko "F cn,"[ Ãnuñi' Nucpu" t gpekuk'

Qt ekf <2222/22224/2822/9: 88"

#### ÖZET

Dw'±cn o c."VÃnk{g"Ugn±wmw"F gxrgvkf ¾pgo kpg'ck" gj krgtkp'vctkj ugnñ grk ko kpk'xg'dw'crpfc cnk'o gxew' cte vto crct, 'lpegrgo g{kco c±ro cmcf,t0"

VÃnk{g"Ugn±wmw" F gxrgvkf j ÃnÃo "uÃf Ã Ã" gj krgt" krg" kni kñk"i ÃpÃo Ã g" nef ct" dk±qm' cte vto c" {cr,m , vto'Dw' gj krgt."f q w'krg'dcv,"ctcu,pf c"dk"nñ tÃxc| krguk'i ¾to gmg"xg'dktgt"i g±k "i Ã gti -j ," pkrk k'vc ,o cmcf,t0Dk±qm'nÃnÃg'f g'gx'ucj kr rk k' {cr cp"Ugn±wmw" gj krgtk"i ÃpÃo Ã "vctkj "{c| ,e,n , " k±p"¾pgo "ct| "gvo gmgf kt0 Cpcf qmwf c" {gt "crp" dw" gj krgt "ucf geg" uk{cuk" xg"nÃnÃgñi nuþwo wpf cp" ne{pcm,F g kñxgto rk'qr tcnct"Ã g tkpf g'dwmpo cu,"c±,u,pf cp'f c'vctkj ±krgtkp'cte vto c"nuþwuw'qm w wt0' Ugn±wmw" gj k'f qmwuw'pw'j cpi k¾4 gñkmg'ucj kr "qñf w wf c" gj k'vctkj ±kr k'pqcuc,pf c'¾pgo rk'dk'j wuwu' qm w wt0' VÃnk{g"Ugn±wmw" gj k" vctkj k' {c| ,e,n , " VÃnñ vctkj k' gj k" {cr,rc,t,p,p" c{f ,pñv,m cu,pf c" rkgtcvÃg'¾pgo rk'hñvñ'uc ne{cecm,t0"

Dw'±cn o cf c'Qtv'±c " gj k'cte vto crct,pf c'mwrcp,rcp'o gvqf qñlknñ{cmc ,o rc't'f g gtrgpf kkrö gmg'xg" cte vto c"vgnpmgtkplp"¾pgo k'xwti wrcpo cmcf,t0'Dw' cte vto c" VÃnk{g"Ugn±wmw" gj krgtkp"j cpi k' {¾pñgtkplp"fcj c"hc| rc"cte v,t,m cu,"i gtgmk kpg"xg'dw" gj krgtkp"vctkj ugn"uqu{q/gñpgo kn'xg"nÃnÃgñi ¾4 gñkmg'ucj pcu,n'grg"cnpedkgeg k' nuþwuw'pf cnk' vgo gn' uqtwrctc" {cp,v' cteo cmcf,t0'Dw' dc rco f c." gj krgtkp'lpegrgo gukf g'mwrcp,rcp" {¾pgo rgt."ne{pcmct "xg'grf g'gf krgp" dwi wrct "c{t,pv,n"qñctnñ'grg" cnpo , vto'Dw'±cn o c"VÃnk{g"Ugn±wmw" gj krgtkp"vctkj "{c| ,o ,pf cnk'tqnÃpÃ'xg'¾pgo kpk'xwti wrcö cmc." dw' gj krgtkp"uqu{cn'gñpgo kn'xg"nÃnÃgñi{cr,rc,t,"j cnmpf c'f c'f g'gtkprgo gukpg'dk"cpñc{ , "uc rco c{ , " j gf ghrgo gmgf kt0' D¾4 rgeg." j go " VÃnk{g"Ugn±wmw" F gxrgvkf j go " f g" i gpñi' qñctnñ VÃnñ urco " o gf gpk{g'vlp" gj krg o g'uÃg±rgtkj cnmpf c" {gpk'xg'f g gtrk'dkñi krg'grf g'gf kñ guk'co c±rcpo cmcf,t0'

**Anahtar Kelimeler:** VÃnk{g"Vctkj k"VÃnk{g"Ugn±wmw"F gxrgvk" gj k"Vctkj ±kr k' {c| ,e,n , "





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Wpłxgtuk{ " tcpm' hktuv' y kj " 35" r wdreclvqpu." hqmjy gf " d{ " Wpłxgtuk@umkpkmo " J co dwi " y kj " 5" r wdreclvqpu0k"vgo u"qh'ekclvqpu." y g"Wpłxgtuk{ "qh'J co dwi "tcpm'hktuv'y kj "367"ekclvqpu." y j kg"y g" Hgf gtcn'kpwkwg'hqt"Qeewr clqpcn'Uchgv{ "cpf "J gcnj "cpf "y g"Wpłxgtuk{ "qh'O cppj gko "ctg'ugeqpf "y kj " 364"ekclvqpu0Co qpi "y g"cwj qtu'y kj "y g'o qu'ekclvqpu." Hgrhg"cpf "Lqgti "tcpm'hktuv'y kj "576"ekclvqpu." hqmjy gf "d{ "Mwi "cpf "Mcvj ctłpc'y kj "36; "ekclvqpu."cpf "Hcpng"cpf "Rwpf v'y kj "364"ekclvqpu0Vj g'o quv' Hgs wgpv{ "wugf "ng{y qtf "kp"r wdreclvqpu"tgrv{ "vq"J gcnj "Qtkpvgf "Ngcf gtuj kr "ku"y g"r j tcug"\$J gcnj " Qtkpvgf "Ngcf gtuj kr 0\$Vj kutgugctej 't tqxkf gułki pħecpvlpuki j w'lpvq'y j kej 'vqr keutgugctej gtu'ecp'hqewu' qp'kp'y gkt 'hwwt g'uwf kgu0

**Keywords:** J gcnj "Qtkpvgf "Ngcf gtuj kr ."J gcnj ."Ngcf gtuj kr

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#### MEŞRUTİYETTEN CUMHURİYET DÖNEMİNE TÜRK-YUNAN İLİŞKİLERİNDE PERDE ARKASINDAKİ ETKİN BİR İSİM: BASİL ZAHAROFF

#### AN ACTIVE NAME BEHIND THE SCENES IN TURKISH-GREEK RELATIONS FROM THE CONSTITUTIONAL MONARCHY TO THE REPUBLIC PERIOD: BASIL ZAHAROFF

Prof.Dr. Serap TAŞDEMİR

Co cu{c "©p{kxgt ukxguk "Hgp/Gf gdl{ cvHcnÅnguk Vctkj "D/4nÅo Å "Co cu{c "  
j wru-Ålqt ekf Qti İ2222/2225/377;/: 4: Z0

#### ÖZET

J gt'k=ko ck'gnppqo kn'xg'cumgt,'f Å gp.'ngpf kp'w{i wp'dk'uk{ cucnf Å gp"{ctcv,t03: 9: 'Dgtrkp'Mqpi tguk' j go 'Cxtwr c'j go 'f g'Demep'f kr mo cukupf g'dk'f 3/pÅo 'pqmcu,p,'vgo uki'gf k{ qtf w0Dk'ctcnc'ngpf krgtkp'k' 3: 37of gp'kkdctgp"ödÅ{ Ån'I Å+gtö"qrctem'vcp,o r{cp"Cxtwr en'f gxrgvgt "kg" {ct,o cf cp,p'kelpf g'xg' f , ,pf c'hcck{k'gv'i 3/vgtgp'i Å+gtk'dkrg ko kl+cv, o crct.,.: 9: "kg'3; 36" { ,mct, 'ctcu,pf c"Quo cpn'F gxrgk' xg'Demep'f gxrgvgtkp'vctkj kp'tclkn'dk'u,mnmc'ngukpvk'g'w tcvp'dk'f k'k'ntk' "xg'ucxc " {c cpo cu,pc' ugdgr "qm w wt0'Dk'pek'F Åp{c"Ucxc ,."Ugxtk'dk"det, "cpm o cu,"medwi'gvo g{gp"VÅmgt'k+kp"O krk' O Åecf grg'kg'f gxco "gwo k'xg'Nq| cp"Cprc o cu,"kg'vo co mpo , v,0Dw'eq tch{cf c'3: 99'vctkj kpf g'ukrj " vÅect,'qrctem'±cn, o c{c'dc r{cp'Deukl\ cj ctqlh'wp'hcck{k'gvrgtk'kg'49'Mcu,o '3; 58'vctkj kpf g': 9" {c ,pf c' 3/4nÅo Åpg'nef ct'd3/4i gf gnk'f gxrgvgtkp'xg'j cmmct,p'j c{cvct,pf c'gvnk'qrf w0Ukrj "vÅectn ,pc'i kf gp'km' i 3/4gxkp'ngpf kuk'f g'| o kof gp'±qni'w cni'qm c{cp'Ucm| 'cf cu,pf c'f q cp'xg'ckrgukp' ucpdwrc'i ko guk'rg' Hgpgt'p" | gpi kp'±gxtgrgtkpf g' {gt'cm'p' /f c'j c"uqpte" [ wpcpkvcp'Dc demep,"qrctem'Ugr j gp'Umwrf ku' 3/pgtkuk'rg'ug+kf İOQ'vctkj vgp'3/4nÅo Åpg'nef ct'ngpf kulpg'net , "{cr,m'p'r qrgo knrgt'f g'\\$| cj ctqlh'wp'ukvgo k\\$" qrctem' cf m'p',t,m'p' xg' tenk'rgtk' vctch,pf cp' u,mnmc' nqr {cmep' cpecm' curc' g' k' dgpl gtk' qm c{cp' {3/pvgo rgtk'rg'ö3/4nÅo "vÅect,ö'f k'g'Årgpo k'Deukl\ cj ctqlh'j go " pi kk' "j go 'f g'Hcpu, |vqr nwo rct,p,p" gp'Åu" {3/pvgek'±gxtgrgtkpf' {Åmrgo k ."VÅnk' grk'dk'Two "qm cmc'dk'rkmg'VÅnk'gø'g'net , "j ctngvgtk' f guvgmgo k w0Dw'±cn, o cf c'3: 99of g'km'f gp'k'cnx,'ucv, ,{r'dc r{cp'gvnk' "Demep"Ucxc rct., "Dktpek' F Åp{c"Ucxc , "xg'O krk'O Åecf grg'of gnk'VÅmgt'g'net , "f wt w.w.'hcck{k'gvrgtk'kg" [ wpcpkvcp'±c' {cr v, " {ctf ,o rct'ne'±pcmctc'f c{en'qrctem'grg'cn'pccm,t0

Anahtar Sözcükler-Deukl\ cj ctqlh'VÅm[ wpcp'rk nkrgtk'Demep'Ucxc rct,'xg\ cj ctqlh'Dktpek'F Åp{c"Ucxc ,xg\ cj ctqlh'O krk'O Åecf grg'xg\ cj ctqlh0

#### ABSTRACT

Gxgt { 'uqelen'geppqo le."cpf 'o kkkct { "qtf gt'et'gevcu'c'uwkcdrg'r qrkkecn'qtf gt0Vj g'3: 9: 'Dgtrkp'Eqpi tguu' tgr tgu'pvgf "c'w'p'kpi "r qkp'lp'dqvj "Gwtqr gcp"cpf "Demep'f kr mo ce{0Qp'qpg'ukf g'y gt'g'y g"Gwtqr gcp" ucvgu'y cv'j cf 'f ghkpgf 'y go ugrxu'cu'Si tgevr qy gtu'ukpeg'3: 37.'cpf 'qp'y g'qvj gt'y gt'g'y g'eqo r qukkkpu' cpf 'eqph'kw'qh'f qy gtu'qr g'cv'kpi 'dqvj 'kukf g'cpf 'q'wukf g'y g'r gpkpuwrc0Dgy ggp'3: 9: 'cpf '3; 36.'c'ugt'ku' qh'et'kugu'cpf 'y ctu'tgr gcv'f n' 'k'p'vgt'w vgf 'y g'j' kvqt { "qh'y g'Qwqo cp'Go r ktg'cpf 'y g'Demep'ucvgu'0Vj g' Hktu'Y qtrf "Y ct."y j lej "y cu'pqv'ceegr vgf "cu'c'r gceg'ci tgggo gpv'd{ "y g"Vwtm."eqpv'p'wgf "y kj "y g" P cvk'p'cn'Utwi i ng'cpf 'y cu'eqpen'f gf 'y kj 'y g'Vtge'v' {qh'Ncwucppg0Vj g'cev'k'k'ku'qh'Deukl\ cj ctqlh'y j q" uctv'gf 'y qtnkpi 'cu'c'cto u'f gcrgt 'lp'y ku'f gqi ter j { "kp'3: 99.'eqpv'p'wgf 'vq'j cxg'cp'ko r cev'qp'y g'rkxgu'qh' yj g'tgi kq'u'ucvgu'cpf 'r gqr ngu'wp'v'kij ku'f gcvj 'c'v'y g'ci g'qh': 9'qp'P qxgo dgt'49.'3; 580J ku'htu'cuuki po gpv' yj cv'rgf 'j ko 'lpvq'cto u'f gcrkpi 'y cu'uwu i guv'f d{ "Ugr j gp'Umwrf ku.'y j q'y qwrf 'rcvgt'dgego g'y g'Rtko g" O kpkvgt'qh'I tggog.'cpf 'y j q'y cu'dqtp'qp'y g'ku'rcpf 'qh'Ej kqu.'pqv'ht'ht'qo "Kko k."cpf 'dgeco g'r ctv'qh' yj g'y gcnj { 'ekt'ngu'qh'Hgpgt'ch'gt'j ku'hc'o kn' 'o qxgf 'vq'Kvcpdw'0H'qo 'y cv'ko g'wp'v'kij ku'f gcvj . 'j g'i cl'p'gf " pqv'q'kgv' 'cu'y g'So gtej cpv'qh'f gcvj S'y tqwi j 'y j cv'j ku'tkx'cu'ht'gs vgpv'v' 'eqr kgf 'dw'eqw'f 'p'gxgt' tgr r'ecv'g."

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

c"o gj qf qmı { "tghgttgf "v"cu"\$\ ej ctqlh"u{ uvgö \$\ ej ctqlh"cuępf gf "v"vj g"j ki j guv'o cpci gtken'ektęgu" qh"dqv "Dtkkuj "cpf "Htgpej "uqelgv{."y j kg."f gur kg"dękpi "c"l tggm'ltqo "Vwtng{."j g"uwr rqtvgf "cevkpu" ci clpuv"Vwtng{0'k"vj ku"uwf {."j ku"lphwępeg."y j lej "uctvgf "y kj "vj g"htuv"uwo ctępg"ucęg"l"3: 99."j ku" ucpeg"ci clpuv"vj g"Vwtm'l"p"vj g"Dcmęp"Y ctu."Y qtrf "Y ct"Kępf "vj g"Y ct"qh"ęf gr gpf gpeg."j ku"cevkklęgu" cpf "vj g'ckf "j g'r tqxkf gf "v"l tggęg"y kndg"ę kęwuwęf "dcęgf "qp"uęwęgu0

**Keywords:** "Dcuki\ ej ctqlh "Vwtnkuj /l tggm'lt gręvkpu."Dcmęp"Y ctu"cpf "\ ej ctqlh "Hktuv"Y qtrf "Y ct"cpf" \ ej ctqlh "Y ct"qh"ęf gr gpf gpeg"cpf "\ ej ctqlh0

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TARİH BİLİNCİ OLUŞTURMADA BİR ARAÇ: ORİYANTİRİNG SPORU A TOOL IN CREATING HISTORICAL CONSCIOUSNESS: ORIENTEERING SPORT

*Prof.Dr. Serap TAŞDEMİR*

*Co cuf c '©pkxgt ukxguk'*

*Hgp/Gf gdlk cvHcnÅnguk'Vctkj 'D'Åo Å 'Co cuf c'*

*j wr u-llqt ekf Qti l222/2225/377;/: 4: Z"*

"

#### ÖZET

O gmp'xg" {qn'dkni kulpg'w\ wo nppo c {c'qt {cpvcu{ qp'f gpkrtOC {p, 'ngko gf gp'vÅgf k k'j cuf g'htnm'dq {ww' xg'k ngxk'qncp'dk'nextco 'xct<Qt {cpvklpi OJ ctke" {ctf ,o , {rc" {3p'dwnc c {, 'kgtgp." co cpc'net , " {cr ,ncp' xg'htnm "dk±qm'w\ i wnc cu, "qncp'dk'f q c'ur qt w' gmkpf g'c±mc {cec ,o , | "qt {cpvklpi "ur qt w' "3: 22Å" {, mtf c" uxg±og" qtvc {c" ±,no , . " dkrpo g {gp' d'ni grtgk' r wuwnc' xg" j ctke" {ctf ,o , {rc" i g±o gm' k±p' mwncp,m , =q'vctkj vgp'kldctgp'f Åp {c'i gpgkpg" {c {,ncp'dk'ur qt'qm w wt'0Dw'htnm'xg" g rpegrk'ur qt." VÅnk'gf g'3; 92)rtf gp'kldctgp'ukrcj n'mwxgvgtg'dc n'mwwo nct'xg'f k gt'næo w'mwwo nct, 'dÅp {gulpf g' Mq ctenl'J gf gl'Dwnc'cf, {rc"dc no , . "Urcj n'Mwxgvgtg'qt {cpvklpi "vcmo , "ctce,n , {rc"3; 9: 63; 9; " {,mct,pf c" hccrk'gv' i 3/4vgtok " qnr "4222" {,ncp'c" ukxk' mwnr rgt'kr" {c {,m , vt'0I ÅpÅo Å f g' nq ctenl' qt {cpvklpi ." Mc {cnc" Qt {cpvklpi ." Dkumvg" Qt {cpvklpi ." Gpi grkgt" ±p" Qt {cpvklpi " \*Rvkcnc" Qt {cpvklpi k'i kdk'vÅrtgk'dwncp'qt {cpvklpi "ur qtwpw'uc n,m'pgukngt'p" {gk vkrno guk'kr"vqr nwo ucn' nempocp,p'f guvgmpo gulpf g'±qm'3pgo rktqn'Ådwncpocmcf ,t0Qt {cpvklpi "ur qt w'f c'j c'±qnlf q cf c" {3p' dwnc" gmkpf g'i gt±gmng vkrno gmng'dkrkng." m3/4 tgvko "ncf go gulpf gp'kldctgp'g kko kp'c {t,m c| "dk' rct±cu, "j -rkp"i gm gmgf k'0[ Åmgn3/4 tgvko "mwwo nct,pf c" {cr ,ncp" {Åmgn'rkucpu'xg'f qmqt c'vlg' rgtkpg' dcmrf , .pf c"lug'4227/4246" {,mct, "ctcu, "7"vcpguk'f qmqt c."85"vcpguk'[ Åmgn'rkucpu'qm cni'Å gt g'htnm, " f kul rkprtg'f g'vqr no "8: "vg| " {cr ,rf , , "vgur kv'gf kro k vt'0Dwncpnc' dkrkng." ±cn o c" {cr ,ncp' f kul rkprtg' ctcu,pf c'vctkj "nupwuw'dwncpocmcf ,t0Vctkj "dkrpek'o gmp'dkni kulplp'dkrpeg'f 3pÅ vÅÅo guk'ckf k' gvp' dk' rct±cu, hncpoc u, 3/4gnk'kr' hÅvÅt grtvcnm , 'c {p, "qncprtrc'i grgegn'cf ,pc'j g'gecp'xg' hnk' Åt go gmk'0 J cmct'xevp'uc {f ,mct, "vqr temct, "qpcocuk'ncf , "xgtkpg" {gt'cf nct, 'kr'vcr wrcpf ,t, {qtrct0Vctkj "dkrko k'rg" w te cprct" {gt' cf nct, "nupwuw'pf c" f kmcv' i 3/4vgtok gmgf krtgt'0 Qt {cpvklpi " {ct, nct,pf c" co c±' ctc| k'g" {gtng vkrno k' "j gf ghgt'k'gp'muc'uÅt gf g'dwnc' rctmw'w'co co no cni' gmkpf g'3/4 gvvgug'f g.'dw'±cn o cf c" 3/4 grkng'vctkj , " gj krtgf g'qt {cpvklpi "ur qt w' {ctf ,o , {rc"vctkj "dkrpek'p'ncvnm" qnw wtwnc cu, "nupwuw'grg" cnpcecm,t'0

**Anahtar sözcükler** - Vctkj "dkrpek' qnw wo wpc'ur qt." Qt {cpvklpi "xg"vctkj "dkrpek"vctkj k' gj krtg'xg" Qt {cpvklpi "ur qt w'0"

"

#### ABSTRACT

Cf cr vckqp'v'ur cvkn'c'pf 'tqcf 'lphqto cvkqp'ku'ecmgf 'qtkgpvcvqp0Vj gtg'ku'c'eqpegr v'vj cv'f gtxgu'htgo 'vj g' uco g'y qtf 'dwj' cu'c'f khtgtpv'f ko gpukqp'c'pf 'hwpevqp<Qt'kpgvgtkpi 0Qt'kpgvgtkpi . 'y j lej 'y g'ecp'g'zr rckp' cu'c'pcwtg'ur qt v'vj cv'lpqxrgu' hkp' kpi 'f kgevqp'y kj 'y g'j gr 'qh'c'o cr . 'ku'f qpg'ci ckpu'vko g'cpf 'j cu' o cp { 'f khtgtp'v' r hccv'kpu." go gti gf 'kp'Uy gf gp'kp'v'j g'3: 22u'cpf 'y cu'wugf 'v'etqu'w'pncqy p'tgi kqpu' y kj 'y g'j gr 'qh'c'eqo r cu'c'pf 'o cr =k'j cu'dgeeqo g'c'ur qt v'vj cv'j cu'ur tgc'f 'cm'q'xgt'v'j g'y qtrf 'ukpeg'v'j gp'0 Vj ku'f khtgtp'v'c'pf 'hwp'ur qt v'v'ctv'gf 'kp'Vwng { 'kp'v'j g'3; 92u'w'pf gt'v'j g'pco g'qh'T wppkpi "Vcti gv'Hkpf kpi " y kj kp'v'j g'kpukw'kqpu'ch'kr'cv'f 'y kj 'y g'cto gf 'hqtegu'cpf 'qy gt'r wdrke'kpukw'kqpu." cpf 'k'y cu'cev'xg' v'j tqw j 'y g' Cto gf "Hqtegu'qtkpgvgtkpi "vgco "kp'3; 9: /3; 9; "cpf "ur tgc'f 'y kj "ekxkr'ep'envdu'kp'42220 Vqf c' . 'qtkpgvgtkpi . 'y j lej 'j cu'v'f r gu'w'ej 'cu't wppkpi 'qtkpgvgtkpi . 'un'k'qtkpgvgtkpi . 'dle {eng'qtkpgvgtkpi . " qtkpgvgtkpi 'hqt'v'j g'f kucdrg' "v'ckr'qtkpgvgtkpi +. 'j cu'c'xgt { 'ko r qtvc'pvt'qng'kp'tckukpi 'j genj { 'i gpgtcv'kqpu'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

cpf 'lwr r qtvkpi 'lqekcnf gxgnr o gpvOCnj qwi j 'qtkgpvggtkpi 'ku'bo quvnf 'r gthqto gf 'cu'c'y c{'qh'kpf kpi 'qpgu' y c{'kp'pcwtg.'k'dgeqo gu'cp'kpugr ctdgr'r ctv'qh'gf wecvkqp'lvctv'kpi 'htqo 'vj g'r tko ct{'uej qqnhgxgr0Y j gp' y g'mqnm'cv'vj g'bo cuvgt'u'cpf 'f'qevqtcn'vj gugu'y tkwgp'kp'j ki j gt'gf wecvkqp'kpukwkwkpu.'k'ku'f gygto kpgf 'vj cv' c'vqcn'qh'8: 'vj gugu'y gt'y tkwgp'kp'f khtgpv'f kuekr nkgu.'7'qh'y j lej 'ctg'f qevqtcn'cpf '85'qh'y j lej 'ctg' o cuvgt'u'f gi tggg.'dgy ggp'vj g'{'gctu'4227/42460J qy gxgt.'j kvqt {'ku'pqv'co qpi 'vj g'f kuekr nkgu'uwwf kcf 0' J kvqtkecn' cy ctgpguu' ku' vtcpuhqto kpi " ur cvken' npqy rgi g' kvq" eqpuekvwupguu." o cnkpi " k' c" r ctv' qh' dgrupi kpi ."cpf "i gpgtcv'kpi "gzekgo gpv'cpf "kf gcu'ht'vj g'hwwt'g'y kj "vj qug'y j q'j cxg'vj g'uco g'ewwntcn' eqo o qpcrkf 'y kj 'vj g'q'vj gtORgqr rgt'ggf 'vj g'rcpf u'vj g{'eqpukf gt'vj gkt'j qo gncpf 'y kj 'r'ceg'pco gu'ecm'gf " qpco cuvkn0Vj qug'y j q'ctg'gpi ci gf "kp'vj g'uekgpeg'qh'j kvqt {'ctg'ectghw'cdqw'r'ceg'pco gu'OCnj qwi j " vj g'clo "kp'qtkgpvggtkpi "eqo r gvkkqpu'ku'uwo o ct'k' gf "cu'kpf kpi "vj g'vcti gu'r'ceg'qp'vj g'i tqw'pf "kp'vj g' uj qtv'gu'v'ko g'cpf "eqo r r'gv'kpi "vj g'eqwtug.'vj ku'uwwf {'y km'f kuewu'vj g'kuuw'qh'eqpvtkdw'kpi "v'j kvqtkecn' cy ctgpguu'y kj 'vj g'j gr "qh'qtkgpvggtkpi "ur qtvu.'gur gekm'{'kp'j kvqtkecn'ekkgu0"

**Keywords:** "Ur qtvu'kp'vj g'hqto cvkqp'qh'j kvqtkecn' cy ctgpguu." Qtkgpvggtkpi "cpf "j kvqtkecn' cy ctgpguu." j kvqtkecn'ekkgu'cpf 'Qtkgpvggtkpi 'ur qtvu0"

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AS A PROMINENT EMOTION IN THE RELATIONSHIP BETWEEN CITY AND  
EMOTION: BELONGING"

KENT DUYGU İLİŞKİSİNDE ÖNE ÇIKAN BİR DUYGU OLARAK: AİDİYET

Gülhan ATILLA

*O c t f k p ' C t w m w ' © p k x g t u k g u k ' N u c p u Ğ u n Ğ ' G k k o ' G p u n k Ğ u n Ğ ' O c t f k p . ' V Ğ t n k Ğ g O'*

*QTEK: 'K' < j w r u < l q t e k f Q t i D 2 2 2 / 2 2 2 4 / 6 4 4 5 / 6 : 7 7 "*

ÖZET

Mgpv."dk"ctcf c"{c c{cp"kpucprt,p"dkrkmgrmgtkpf gp."qtvcn'mĀvĀrĀngt kpf gp"fq cp"xcg"kpucprt,p"{c c{, "gnkngtk'kg"dĀvĀpġg o k "cncpf,t0Dw'vcp,o f ep"j ctgngvg'ngpv.'kĀpf g"{c c{cp"kpucprt,c" dĀĀ Ā Ā 'i grk kt' xg'ngpv'kpucprt,c"uĀgnk'gvnk'ko 'j crkpf gf kt0Mgpvgt'p'vcp,o ,"{cr ,ntngp'i gpgnkmg'hk knk'f cr ,nct,pf cp." pĀmw"q w p n m m t , p f c p d e j u g f k r o g m g f k t 0 H e n e v d w ' v c p , o n e t , p { c p , p f c ' n g p v = k p u c p r t c ' k t = k g ' i g + o k ' d k ' d Ā v Ā p ' q r c p . " { g p k g p g p ' x g " i g r k g p . " k g k k o . " g v n k g k o " x g " f w i w c p , o , p " ± q m { q w p " q r f w w { g t n g t f k t 0 p u c p r t , p " d w n p f w m e t , " { g t " k g " f w i w ' x g " f Ā Ā p e g r g t k p k ' 3 4 f g n g v t o g r g t k ' o g n e p r c " c t e r e t , p f c " d e " m t f w m e t , p , p " i 3 4 v g t i g u k f k t 0 ' p u c p " x g " n g p v " e t c u , p f c n k ' d w ' d e " n g p v k p " u q { w r e v , , p , " d k Ğ " i 3 4 v g t k t 0 D 3 4 n g r k m g ' n g p v t w j w q n w w t 0 M g p v t w j w ' k Ā p f g { c c { c p " k p u c p r t , p " f w i w r e t , f , t 0 "

Ckf k Ğ v ' k p u c p , p " d k " v q r n w w c . " d w n p f w w { g t g . " n a p w o c " n g p f k u k p k ' w o " d e , o n " q r e t e n i j k u g v o g u k ' f w t w o w f w t 0 M k k p k " n g p f k p k ' f g g t n g p f k t o g u k ' v c p , o c u , " x g " i Ā x g p r k " { c c o c u , p c " n e v m f c " d w n p w t 0 ' p u c p " u q u { c n ' d k " x c t n m ' q r f w w ' k Ā p " q p w p " d w ' j k v k c e , p , " n e t , n c o c u , p c " { c t f , o e , " q n m t 0 ' O c u r q y o w p " k j v k c ± r e t " j k Ğ t c t k u k p f g " q r f w w ' i k d k ' u g x i k ' x g " c k " q m c " k j v k c e , . " n k k p k " n g p f k u k p k ' d k " i t w r . " f k p . " v q r n w w m " u r q t " m w Ā d Ā x g { c " g p " d c u k ' 3 4 p g m g ' c k g u k Ğ n g ' d Ā v Ā p ġ g v t o g u k f k t 0 D w p w r c " d e r e p v , n " q r e t e n i n g p v c k f k Ğ k h k k p k p " d w n p f w w { g t g " n e t , " j k u g w k k ' d e n n m f w i w w w f w t 0 M k k p k " u q u { c n " m Ā v Ā g r i x g " n k k u g r i 3 4 g r k m g t k Ğ n g " d k r k m g ' n g p v g " { Ā m g f k k f w i w u e n i c p r o f , t 0 "

Ckf k Ğ g v " ± q w p n m m " n k k p k " c { t , " c { t , " k j v k c ± r e t , p , p " d k " c t c { c " i g r g t g n i Ā x g p " f w i w u w p w " q n w w t o c u , { r e " c r e n e n f , t 0 D k g { f g ' c k f k Ğ v f w i w u w p w " q m c u , n g p f k p g ' q r c p " 3 4 u c { i , u , p , " e t v t e t e n i d k g { k p ' n g p f k p k ' 3 4 p g o r k ' x g ' c p r o n " j k u g v o g u l p g " { c t f , o e , " q n m t 0 C k f k Ğ v n g p v k r g " d e r e p v , n " q r e t e n i f Ā Ā p Ā r Ā Ā Ā p f g ' k u g ' k p u c p r t , p " n g p f k g t k p k ' o g m p , p " d k " r c t ± c u , " q r e t e n i f Ā Ā p Ā r " n g p f k p k ' q " o g m p " Ā Ğ t k p f g " { g v n k k ' i 3 4 o g u k ' j c m e t c " x g " u q t w o n w m m e t c " u c j k r " q r e t e n i 3 4 o g u k ' q r e t e n i ' v c p , o r e p e d k r t 0 "

pucprt dw n p f w m e t , " { g t k ' n g p f k g t k Ğ n g ' d Ā v Ā p ġ g k n i c p r o f c " k p c " g f g t n g t 0 ' O g n e p r c " k p u c p r t , p " h k k n u g i ' k j v k c ± r e t , p e " i 3 4 g f Ā Ā g p r g p k t = c p e c n i ' o g n e p r c , p " d k " f k g t " 3 4 g r k k ' f g " k p u c p r t , p " f w i w u e n i ' x g " d k k u g r i ' k j v k c ± r e t , p , " f e " n e t , n c { e d k f k m g t k ' c r e p r c " q m c u , f , t 0 D k g { k p " d k k u g r i f Ā p { c u , p f c n k ' g v n k ' v g r n k g t . " d k g { k p " f e x t e p , n e t , " f w i w r e t , " x g " e n i , n e t , " c k f k Ğ k ' q n w w t o c m c f , t 0 C k f k Ğ v ' k p u c p , p " n g p f k p k ' d w n p f w w { g t f g p " e u r e " n q r c o c { c e c , p , " f Ā Ā p o g u k f k t 0 ' C k f k Ğ v ' f w i w u w ' k p u c p f c " d k " k j v k c ± v t " x g " d w " k j v k c ± " n e t , n c p o c f , , p f c ' d k g { ' n g p f k p k ' { c i p , | ' x g ' v q r n w w m d k k k e p k p g p " c { t , n i j k u g f g t 0 ' p u c p , p " n g p f k 3 4 g r k m g t k " u q u { c n i ± g x t g ' x g " m Ā v Ā g n i f g g t n g t f g " d k g { f g ' c k f k Ğ v ' q n w w t o c f c " 3 4 p g o r k ' g v o g p r g t f k t 0 "

Dc | , " k p u c p r t , " d g r i k r k " { g t n g t g " ± g n g p . " d k " o g m p c " c k f k Ğ v ' j k u g f k r o g u l p f g " r u k n a r q l k n i " d k " w p u w t " d w n p o c m e f , t 0 ' p u c p r t , p " n g { k h ' e r f , n e t , " x g " k Ā p f g " d w n p o c n i ' k u g f k m g t k ' o g m p r c t . " c k f k Ğ v ' i g r k k o k p g " { c t f , o e , " q n m t 0 M g p v g ' c k f k Ğ v f w i w o c m ' k p u c p r t c " c p r o n " i 3 4 Ā p g p " c r e p r c n e " q n w w t 0 ' p u c p r t , p " n g p f k g t k Ğ n g " 3 4 f g n g v t f k m g t k ' n g p f k g t k p k ' d k " r c t ± c u , " q r e t e n i j k u g w k m g t k ' x g " u g x i k Ğ n g " e v , t r e f , n e t , " o g m p r c t . " q p r e c " d g r i k r k ' c p r o n e t " { Ā m g f k m g t k ' o g m p r c t f , t 0 ' V c , p o c . " v e t n i ' g v o g " x g { c " { , m o " u q t c u , p f c . " d k " o g m p , p " u e n i p r g t k ' q " o g m p , 3 4 n g { g d k r k . " d k " n e { , r " j k u k ' { c c { e d k r k " j e w e " q p r c t " k Ā p " { c u " d k g " w w e d k r k t 0 D w t e f c n k ' k p u c p , p " j k u g w k k ' i g p g r i n e { , r " j k u k p g " d k " i 3 4 p f g t o g f g p " 3 4 g f k = f g t k p " d k " d e , p " u q p c " g t o g u l p f g p " n e { p c n e p c p ' i Ā Ā n Ā d k " Ā Ā p v Ā f Ā t 0 "

Anahtar Kelimeler: 'Mgpv.'o gmp. 'f w i w ' n k o r k m ' c k f k Ğ v 0

ABSTRACT BOOK

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ABSTRACT

C"ekv "ku"cp"ctgc"vj cv'go gti gu"ltqo "vj g"wpk{ "cpf "eqo o qp"ewmwg"qh'r gqr ng"rxkpi "vqi gjv gt"cpf "ku" kpgi tcvf "y kj "vj g'y c { 'r gqr ng"tkxg0Dcugf "qp"vj ku" f ghpkkqp. "vj g'ekv "i tqy u'cpf "f gxrqr u'y kj "vj g'r gqr ng" rxkpi "k"k'cpf "vj g'ekv "ku"kp"eqpuwcpv"kvgtcevq"y kj "r gqr ng0Y j gp" f ghpkpi "ekkgu. "vj gk"r j { ulecn' utwewtgu"cpf "r qr wcvq" f gpukkgu"ctg" wuwcm{ "o gpvqpgf 0J qy gxgt. "k"cf f kkp"vq"vj gug" f ghpkkqpu. "ekkgu" ctg" r nregu" vj cv' ctg" c" y j qng" kvgtv kpgf " y kj " r gqr ng. " tpggy gf " cpf " f gxrqr kpi . " y j gtg" eqo o wplecvq. "kvgtcevq"cpf "go qvq"ctg"xgt{ "kvvpug0Vj g'ncev'j cv'r gqr ng'kf gpvkh{ "vj gk'hggkpi u'cpf " vj qwi j w'y kj "vj g'r nreg'v g' "ctg'k'ku'cp'kpf lecvq"vj cv'v g' j cxg"gvcdkuj gf "c"dqpf "y kj "vj g'r nreg0Vj ku" dqpf "dgw ggp"r gqr ng"cpf "vj g'ekv "uj qy u"wu"vj cv'v g'ekv "j cu"dgeqo g"cdutcev0Vj wu. "vj g'ekv "ur k'k'ku" hqto gf 0Vj g'ekv "ur k'k'ku"vj g'go qvqpu"qh'v g'r gqr ng"rxkpi "k"k0

Dgnpi kpi "ku"v g'ucv'qh'hggkpi u'hwm{ "f gr gpf gpv'q"p"eqo o wpk{ . "r nreg"qt"r qukkqp0K'eqpvkdwgu"vq" c" r gtuqpu'ugrh/cuuguu gpv'tgeqi pkkqp"cpf "ugewk{ 0Ukpeg"o cp'ku'c"ulecn'dgkpi . "k'j gr u'j ko "vq"hwkhi'v ku" pggf 0Cu"kp"O cumy u'j kgtcej { "qh'pggf u. "vj g'pggf "hqt"mxg"cpf "dgnpi kpi "ku"v kpgi tcv'qpgugrh'y kj "c" i tqw . "tgrk kq. "eqo o wpk{ . "ur qtu"enw"qt. "k"vj g"uko r ngu'gzco r ng. "hco k{ 0T gnv'vq"vq"vj ku. "wtdep" dgnpi kpi "ku"c"ugpug"qh'cwcej o gpv'vq"qpgu'r nreg0K'ku"vj g'go qvqpcn'o gcpkpi "vj cv'c"r gtuqpu"cwtkdwgu"vq" vj g'ekv "vqi gjv gt"y kj "ku"ulecn'ewmwcn'cpf "r gtuqpcn'ej ctcevtkku0

Dgnpi kpi "ku"o quw{ "tgrv'vq"vq"vj g'kpf kxk wcnu" kpf kxk wcn'pggf u'eqo kpi "vqi gjv gt"vq"etgcvg" c"ugpug"qh' vt wu0J cxkpi "c"ugpug"qh'dgnpi kpi "j gr u'v'j g'kpf kxk wcn'vq" hggklo r qtvcv'cpf "o gcpkpi hwi'd{ "kpetgcukpi " j kulj gt"ugrh'gvvgo 0Y j gp"dgnpi kpi "ku"eqpukf gtgf "k"tgrv'vq"vq"vj g'ekv . "k'ecp"dg" f ghkpgf "cu"r gqr ng" vj kpnkpi "qh'v go ugrkgu"cu"r ctv'qh'v g'ur ceg"cpf "uggkpi "vj go ugrkgu"cu"cwj qtk gf "qxtg"vj cv'ur ceg"cpf " j cxkpi "tk j w'cpf "tgr qpukdkkku0

Rgqr ng"eqputwv'v'j gk"r nregu"kp" c"ugpug" vj cv'ku" kpgi tcvf "y kj "vj go ugrkgu0 Ur cegu"ctg" qti cpk gf " ceeqt f kpi "vq"r gqr ng"u'r j { ulecn'pggf u="j qy gxgt. "cpqj gt" hgcwtg"qh'ur cegu"ku"vj cv'v'j g{ "ctg"cuq"ur cegu" y j gtg"r gqr ng"ecp"o ggv'v'j gk" go qvqpcn'cpf "eqi pkkxg"pggf u0Vj g"tgcw'vqpu. "dgi cxkqtu. "go qvqpu"cpf " r gtegr vqpu"qh'v g'kpf kxk wcn'v'j g'eqi pkkxg'y qtrf "qh'v g'kpf kxk wcn'eqpuwkwg"dgnpi kpi 0Dgnpi kpi "ku" vj g'hggkpi "vj cv'qpg"ecp"pgxgt"dg"ugr ctevgf "ltqo "qpgu'r nreg0Vj g'ugpug"qh'dgnpi kpi "ku"j wo cp'pggf " cpf " y j gp" vj ku" pggf " ku"pqv"o gv. "vj g' kpf kxk wcn' hggm' mppgn{ " cpf " ugr ctevgf " ltqo " vj g' eqo o wpk{ " eqpuekwupgu0 Vj g' kpf kxk wcnu" qy p" ej ctcevtkku. " ulecn' gpv'kqpo gpv' cpf " ewmwcn' xcwgu" ctg" ko r qtvcv'v'cevtu'k"etgcv'kpi "dgnpi kpi "k" kpf kxk wcnu0

Vj gtg"ku" c" r u{ej qm{ lecn'grgo gpv'k"vj g'hggkpi "qh'dgnpi kpi "vq" c"r nreg"vj cv'cwtevu"uqo g"r gqr ng"vq" egtv'k'p'r nregu0Rnregu'v'j cv'r gqr ng"gpq{ "cpf "y cpv'v'q"dg'k'j gr "vj g'f gxrqr o gpv'qh'dgnpi kpi 0Dgnpi kpi " vq" c'ekv "ku" hqto gf "d{ "ctgcu"vj cv'uggo "o gcpkpi hwi'v' r gqr ng0Vj g'ur cegu'v'j cv'r gqr ng'kf gpvkh{ "y kj . "hggk' r ctv'qh'cpf "tgo go dgt" hqpf n{ "ctg"vj g"ur cegu"vj cv'v'j g{ "cwtkdwg"egt'v'k"o gcpkpi u"vq0Chgt" c"o qxg. " cdepf qpo gpv'qt" f go qvqkqp. "vj g'k'j cdkcpv'qh'c"ur ceg"o c{ "o ku'k' hggk'c"ugpug"qh'hqu"cpf "gxgp"o qwtp" hqt" k0Vj g'j wo cp'hggkpi "j gtg"ku"o qtg"v'j cp" c'tghgt'ppeg"vq" c"i gpgt'cn'ugpug"qh'hqu="k'ku" c" utqpi "ucf pguu" cv'v'j g'gpv' "qh'c" f ggr "eqppgevq0

Keywords: "Ekv . "ur ceg. "go qvq. "kf gpv'k{ . "dgnpi kpi 0

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ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### BETONLARIN BASINÇ DAYANIMLARININ YERİNDE VE TAHRİBATSIZ OLARAK BELİRLENMESİ ON-SITE AND NON-DESTRUCTIVE DETERMINATION OF COMPRESSIVE STRENGTH OF CONCRETE

*Belkıs ELYİĞİT<sup>1</sup>*

<sup>1</sup>*Doktora Öğrencisi, Fırat Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Teknolojileri Programı, Yapı Ana Bilim Dalı, Elazığ, Türkiye*

<sup>1</sup>*ORCID ID: <https://orcid.org/0000-0002-2556-1862>*

*Cevdet Emin EKİNCİ<sup>2</sup>*

<sup>2</sup>*Dr.Öğr.Üye, Fırat Üniversitesi, Tenoloji Fakültesi, İnşaat Mühendisliği Bölümü, Elazığ, Türkiye.*

<sup>2</sup>*ORCID ID: <https://orcid.org/0000-0002-7114-4832>*

#### ÖZET

Bu çalışmada betonların basınç dayanımlarının yerinde ve tahribatsız olarak belirlenmesi SONREB yönteminin kullanımı, örnek saha çalışması sonuçları ve kentsel dönüşüm sürecinde sağladığı avantajlar ele alınmıştır. Geleneksel yöntemlerden olan karot yöntemi hakkında çok sayıda araştırmalar yapılmıştır. Yöntemin yapının taşıyıcı sistemine azda olsa hasar vermesi, ekonomik olmaması, test sonuçlarının alınma sürecinin uzun zaman alması dönüşüm çalışmalarında zafiyete neden olması gibi birçok olumsuz yönleri ortaya konulmuştur. Bu çalışmada tahribatsız test yöntemlerinden SONREB metodu Elazığ İlinde riskli alan ilan edilen Abdullahpaşa, Mustafapaşa, Rüstempaşa ve Sürsürü mahallelerdeki binalarda kullanılmıştır. İncelenmek üzere her mahalleden iki bina seçilmiştir. Seçilen binaların zemin kat taşıyıcı elemanları ve bodrum kat taşıyıcı elemanlarından toplamda altı noktadan ölçümler tahribatsız test yöntemi SONREB ile alınmış ve betonların basınç dayanım sınıfları belirlenmiştir. Deneysel ölçüm sonuçları, özel yapı denetim firmasının bodrum ve zemin kat taşıyıcı elemanlarının şahit numune sonuçları, TS500, TS11222, TSEN206-1 ve TS10465 açıklanan bilgilerle karşılaştırılmış ve binaların beton sınıfları belirlenmiştir. İncelenen binaların beton sınıfı C35-45 çıkmıştır. Sonuç olarak SONREB metodu kullanılarak binaların beton basınç dayanım sonuçları ile özel yapı denetim firmasının bodrum ve zemin kat taşıyıcı elemanlarının şahit numune sonuçları ve standartların sonuçları benzerlik göstermiştir. Bu yöntemin tahribatlı test yöntemlerinden hem daha ekonomik bir yöntem olduğu hem de daha kısa sürede doğru sonuçlar almaya olanak sağladığı ortaya çıkmıştır.

**Anahtar Kelimeler:** Tahribatsız Test Yöntemleri, SONREB Metodu, Beton Basınç Dayanımı, Kentsel Dönüşüm, Puls Geçiş Hızı, Geri Tepme İndisi

#### ABSTRACT

This study discusses the SONREB method for determining the compressive strength of concretes in situ and non-destructively, the results of sample field studies, and the advantages it provides in the urban transformation process. Numerous studies have been conducted on the core drilling method, one of the traditional methods. Many negative aspects of the method, such as causing little damage to the structure's carrier system, being uneconomical, the long time it takes to obtain the test results, and causing weakness in transformation studies, have been revealed. In this study, the SONREB method, one of the non-destructive testing methods, was used in buildings in Abdullahpaşa, Mustafapaşa, Rüstempaşa and Sürsürü neighborhoods declared as risky areas in Elazığ Province. Two buildings were selected from each neighborhood to be examined. Measurements from a total of six points on the ground floor bearing elements and basement floor bearing elements of the selected buildings were taken with the non-destructive testing method SONREB and the compressive strength classes of the



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concretes were determined. The experimental measurement results were compared with the witness sample results of the basement and ground floor carrier elements of the private building inspection company, the information disclosed in TS500, TS11222, TSEN206-1, TS10465, and the concrete classes of the buildings were determined. The concrete class of the examined buildings was found to be C35-45. As a result, the concrete compressive strength results of the buildings using the SONREB method were similar to the results of the private building inspection company's basement and ground floor bearing elements witness sample and the results of the standards. It was revealed that this method is both a more economical method than destructive testing methods and allows for accurate results to be obtained in a shorter time.

**Keywords:** Non-Destructive Testing Methods, SONREB Method, Concrete Compressive Strength, Urban Transformation, Pulse Transfer Velocity, Rebound Index

#### NOT

Bu çalışma, Belkıs Elyiğit tarafından Cevdet Emin Ekinci'nin akademik danışmanlığında yürütülen "Riskli Alanlarda İnşa Edilen Kentsel Dönüşüm Binaların Mühendislik Özelliklerinin Biyoharmolojik İncelemesi: Elazığ Kent Merkezi Örnekleme" başlıklı Doktora Tezinden türetilmiştir.

#### FİNANSMAN

Bu çalışma, Fırat Üniversitesi FÜBAP Birimi tarafından TEKF.23.55 numaralı proje kapsamında desteklenmiştir.

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#### “GÜVENLİ 112 ACİL SAĞLIK HİZMETİ” BAĞLAMINDA HASTA GÜVENLİĞİ PATIENT SAFETY IN THE CONTEXT OF “SAFE 112 EMERGENCY HEALTH SERVICE”

*Paramedik Saide ALTINTAŞ<sup>1</sup>*

<sup>3</sup>Uc nmlDncn, „Pgx gj kt. V©TM | G”

<sup>3</sup>QTEK F 222;/2229/68: 5/7566”

*Dr.Öğr. Üyesi Emine SEVİNÇ POSTACI<sup>2</sup>”*

<sup>4</sup>Ƴcpcmrg Qpugn| O ctv|Opkxgtukguk Uc nmlJ k o gvgt k O gurgm| Ānugnqmww V,ddk|J k o gvgt Xg”

Vgnplmgt D<sup>3</sup>/m<sup>3</sup> Ā Ƴcpcmrg. V©TM | G”

<sup>4</sup>QTEK F 2222/2224/4: 38/624; ”

#### ÖZET

Dw<sup>±</sup>cn o cf c Uc nmc Mckrg Ucpf ctvct, pf c { gt cncp j cuc xg ±cn cp i Āxgprk klp vgo grpk qnw wtcp ”  
ōI Āxgprk 334 Ceki Uc nmlJ k o gvō ” plp kpegrpo guk co cncpo , vtO Uc nmc Mckrg Ucpf ctvct, p, p”  
dgrkrgpo guk uwpwcp uc nmj k o gvō k f g gtrgp k krg guk i grk vkrk guk xg nckrg m<sup>3</sup> Ā Ā qnw o cu, k<sup>±</sup>lp”  
Ƴpgo ” ct| ” go gmgf kO Uc nmc Mckrg Ucpf ctvct, ” ucf geg ” j cucpgrt ” dĀp { guk f g ” xgtkrgp ” uc nmj  
j k o gvgt k p k f g k i j cucpg Ƴpeguk cncp c uwpwcp ceki uc nmj k o gvgt k p k f g ncr uco cmcf, tO J cucpg  
Ƴpeguk ceki uc nmj k o gvgt k ceki dcno ” j k o gvō k Rctco gf kni xg Ceki V, r ” Vgnplu { gprgt k vctch, pf cp  
ucj cf c w i wcpo cu, krg dc r { cp xg j cuc l { ctenp, p w i w p uc nmlmww wpc pcnk k p vco co rpo cu, { r  
uqpc ” gtgp dk u<sup>3</sup> Ā g<sup>±</sup> k O Dw u<sup>3</sup> Ā g<sup>±</sup> g j cuc xg ±cn cp i Āxgprk klp uc rpo cu, qrf wnc Ƴpgo r k k O ”

ōI Āxgprk 334 Ceki Uc nmlJ k o gvō ” 32 j gf gh Ā Ā gtpg mww w xg 7 ” dq { wcp qnw o cmcf, t032 j gf gh ”  
j cuc i Āxgprk k ” gnrk ” gnrk ” xgtk r k uc nml, ±cn o c qtvco „ j cncpk gvr j cuc qf em, u<sup>3</sup> Ā gnrk | co cpn ”  
xg w i w p qm c ” gnrk f g u, tncp, tngp 7 ” dq { w kug ” ö j cuc xg ±cn cp qf em ” j k o gvgt ” uc nmj k o gvgt k ”  
f guvni j k o gvgt k mww ucni j k o gvgt xg i Ƴvgti g { Ƴpgo kō qrcen u, tncpo cmcf, t<sup>3</sup> Uc nmlDncn, „ ”  
423: -O Rctco gf kni xg Ceki V, r ” Vgnplu { gprgt kōI Āxgprk 334 Ceki Uc nmlJ k o gvō ” j gf gh gnrk k dko grk ceki  
dcno ” xg j cuc l { ctenp, p pcnk u, tcu, pf c w i wcpo cnf, tO Rctco gf kni xg Ceki V, r ” Vgnplu { gprgt k p k dw  
nrpwc ” hctmpf cn , p, ” ctv, to cni co ce, { r ” qnw ” g kko k p f g ” f gtu ” k<sup>±</sup> gnrk k p f g ” ” o gnrk u<sup>3</sup> Ā g<sup>±</sup> g kug  
qt { cpvcu { qp r tqi tco , dc w ” qm cni Ā Ā gt g o gurgm k k g kko rgt k p f g dw j gf gh gnrk { gt xgtk r k grk xg nckrg  
m<sup>3</sup> Ā Ā Ā Ā qnw o cu, uc rpo cnf, tO ”

**Anahtar Kelimeler:** ” J cucpg ” peguk Ceki Uc nmlJ k o gvgt k ” J cuc I Āxgprk k Mckrg ”

”

#### ABSTRACT

Kp ” vj ku uwf { . k/ku clo gf ” vq ” gzco kpg vj g ” Uchg 334 Go gti gpe { ” J gcnj ” Ugtxleg \$ ” y j lej ” hqto u vj g dcuku ”  
qh h c v k p v c p f ” go r m { gg uchgv ” lp vj g J gcnj ” S wrk { Ucpf ctv uO F gvto k p k p i S wrk { Ucpf ctv u lp J gcnj ”  
ku lo r qt vcp v hq t ” vj g ” g x c m c v k p p c p f ” f g x g n r o g p v q h v j g j gcnj ” ugtxlegu r t q x k f g f ” cp f ” vj g ” et g c v k p q h c ”  
s wrk { ” e w n w t g O S wrk { Ucpf ctv u lp J gcnj ” eqxgt ” p q v q p n { ” vj g j gcnj ” ugtxlegu r t q x k f g f ” y k j k p j ” qur k c n i ”  
dw c n u q ” vj g go gti gpe { ” j gcnj ” ugtxlegu r t q x k f g f ” lp vj g r t g j qur k c n i c t g c O R t g j qur k c n i go gti gpe { ” j gcnj ”  
ugt x l e g u ” k u ” c ” r t q e g u u ” vj c v d g i k p u ” y k j ” vj g ” k o r n g o g p v c v k p q h ” go gti gpe { ” ect g ” ugt x l e g u ” k p ” vj g ” h k r f ” d { ”  
Rctco gf leu c p f ” Go gti gpe { ” O gf k c n i V g e j p l e k c p u ” c p f ” g p f u y k j ” vj g ” e q o r n g v k p q h v j g ” v t c p u r q t v c v k p q h ”  
vj g r c v k p v l p l w t g f ” r t g u q p ” vj g ” c r r t q r t l e v g j gcnj ” k p u k w w k p O K k u x g t { ” k o r q t v c p v v q ” g p u w t g r c v k p v c p f ”  
go r m { gg uchgv ” lp vj ku r t q e g u u O ”

ōUchg 334 Go gti gpe { ” J gcnj ” Ugtxlegö ” ku dcugf ” qp 32 ” i q c n i c p f ” e q p u k u ” q h 7 ” f k o g p u k p u 0 3 2 ” v t i g w ”  
Y j k r ” r c v k p v u c h g v ” k u ” r k u g f ” c u ” d g k p i ” g h h e v k g ” g h h e k p v ” j gcnj { ” y q t n k p i ” g p x k q p o g p v ” g s w k c d r g ”  
r c v k p v q t k p v g f . ” e q p v k p w q u ” k o g n { ” c p f ” c r r t q r t l e v g ” vj g 7 ” f k o g p u k p u ” c t g ” r k u g f ” c u ” S r c v k p v c p f ”

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

go r m{ gg/qlkpvf " ugtxlegu." j gcnj " ugtxlegu." uwr r qtv" ugtxlegu." eqtr qtcvg" ugtxlegu" cpf " kpf kecvqt" o cpci go gpv\$0\*O kpkmt {"qh"J gcnj ."423: +0'Rctco gf leu"cpf "Go gti gpe{ "O gf lecn"Vgej plekcpu"uj qwf " mpqy "vj g"i qcn"qh"\$Uchg"334"Go gti gpe{ "J gcnj "Ugtxleg\$"cpf "cr r n{ "vj go "f wtkpi "go gti gpe{ "ectg"cpf " r cvkpvkplwtgf "tcur qtvevqp0k{ "qtf gt "v'kpetgcug"vj g"cy ctgpguu"qh'Rctco gf leu"cpf "Go gti gpe{ "O gf lecn" Vgej plekcpu"qp"vj ku'kuwg."vj gug'i qcn"uj qwf "dg'kpermf gf "k"vj g'eqwtug'eqpvgsu"qh'uej qqn'gf wecvkp"cpf " k{ "vj g'r tqhgukqpcn'tcklpi ."gur gekm{ k{ "vj g'qtkpvkqp'r tqi tco ."cpf "c's wcrk{ 'ewwtg'lj qwf "dg'etgcvgf O

**Key words:** "Rtgj qur kcn"Go gti gpe{ "J gcnj "Ugtxlegu."Rcvkpv'Uchgv{ ."S wcrk{ "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### AL7075 T6 ALAŞIMININ DELİNİMESİNDE FARKLI İŞLEME YÖNTEMİ VE KESME PARAMETRELERİNİN YÜZEY PÜRÜZLÜLÜĞÜNE OLAN ETKİSİNİN İNCELENMESİ INVESTIGATION OF THE EFFECTS OF DIFFERENT PROCESSING METHODS AND CUTTING PARAMETERS ON SURFACE ROUGHNESS IN DRILLING OF AL7075 T6 ALLOY

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Aybars MAHMAT

"O w/ w 'Wpkxgt ukf. 'Hcewn' 'qh'Gpi kpggt kpi. 'O gej cpkect'Gpi kpggt kpi. 'Vwpegrk 'Vwt ngl"  
QTEKF <2222/2223/; 483/2842"

#### ÖZET

Dw'±cn o cf c. 'k r g p o g u k l' q t 'q r p 'C r 297 'V 8 'c n ã o k p { w o 'c r c , o , p , p ' k r p g d k r k k p k ' c t v t o c n l ç o c e , { r c ' i g r p p m i g r l f g r o g ' \* I F + { 3 / p v g o k p g ' c n g t p c v h ' d k { 3 / p v g o ' q r p ' g r g m t q h t g l ' f g u v g m k f g r o g ' \* G F F + { 3 / p v g o k ' 3 / p g t k o k v t 0' r g o f g " m w r p , r p " g r g m t q h t g l " ± 3 4 g n k u l p f g n k " p c p q r c t v k ã n g t " d k " g r g m t k n ' c r p , " q n w w t o w w t 0 ' D w ' g r g m t k n ' c r p , " u c { g u l p f g ' n g u l e k ' v m o " g v t c h , p f c " c , p f , t , e , " r c t ± c e , m r t " v r r e p o , " x g " k r g o g h e r k g u k k t w o , v t 0 J g o ' G F F ' j g o ' f g ' I F { 3 / p v g o r g t k p f g ' h c t m , h g u o g r ' c t c o g t g r g t k l p ' t g t h q t o c p u ' n e t c m g t k u k n g t k p g " g v k r g t k' k p e g r e p o k v t 0' F g p g { u g n ' u q p w a r t . " G F F " { 3 / p v g o k l p " d w " r g t h q t o c p u ' n e t c m g t k u k n g t k p k' 3 / p o i k' ± ã g ' k l k g v t f k k p k i' 3 / v g t o k v t 0 C { t , e c , " o k i ' j , | , p , p " c t w c u , " j g t " k n k ' k r g o g { 3 / p v g o k l e k p ' f g " { ã g { ' r ã ã ã ã n ã ã ã ã p ã ã c | c n w , ' i 3 4 ã ã ã ã v ã 0' r g t r g o g ' j , | , " c t w , m e c " { ã g { ' r ã ã ã ã n ã ã ã ã p ã ã p " c t w , " u q p w e w p c " x c t , m , v t 0 ' F g p g { r g t . " k r g t r g o g ' j , | , p , p , " k r g o g " { 3 / p v g o r g t k l p " x g " o k i ' j , | , p , p " k r g o g " n e r k s g u k ã g t k p f g' 3 / p g o r k d k ' g v k l g ' u c j k r " q i f w w p w i' 3 / v g t o k v t 0 U q p w a r t c m ' f g p g { u g n u q p w a r t , p ' G F F " { 3 / p v g o k k r g o g r ' g t h q t o c p u r t , p , p ' k l k g v t k o g u l p f g' 3 / p g o r k d k ' g v k u k ' x c t f , t 0

Keywords: <Grgmtqhgtg l . 'F g r o g . " r p p g d k r k r k m ' l ã g { ' r ã ã ã ã n ã ã ã ã ã ' C r 297 'V 8 "

#### ABSTRACT

Kp' y j k u ' u w f { . ' c p ' c n g t p c v x g ' o g v j q f " v j ' g ' t c f k k q p c n f t k n k p i " \* I F + o g v j q f . ' v j g ' g r g e t q r j q t g u k / c u k u g f " f t k n k p i " \* G F F + o g v j q f . ' y c u ' r t q r q u g f ' l p " q t f g t ' v j ' k p e t g c u g ' v j g ' o c e j k p c d k r k l ' " q h ' v j g ' f k h h e w n / v q / o c e j k p g " C r 297 'V 8 ' c n o k p w o ' c m { 0 V j g ' p c p q r c t v k e n g u l p ' v j g ' g r g e t q r j q t g u k / u q n w k a p ' w u g f ' l p ' v j g ' t t e g u u ' e t g c v g f " c p " g r g e t k e ' h g r f 0 ' V j c p m i ' v j k u ' g r g e t k e ' h g r f . " c d t c u k x g ' r c t v k e n g u ' y g t g ' e q m g e v g f " c t q w p f ' v j g ' e w w k p i " v q r i ' c p f " v j g ' o c e j k l p i ' s w e r k l ' " k p e t g c u g f 0 ' V j g ' g h h e w n / q h ' f k h g t g p v ' e w w k p i " r c t c o g v g t u ' q p ' v j g ' r g t h q t o c p e g " e j c t c e v g t k u k e u ' y g t g ' k p x g u k i c v g f ' l p ' d q v j " G F F " c p f ' I F " o g v j q f u 0 ' V j g ' g z r g t k o g p v c n i ' t g u w n u ' j q y g f " v j c v ' v j g ' G F F " o g v j q f " u k i p k h e c p v l ' k o r t q x g f ' v j g u g ' r g t h q t o c p e g ' e j c t c e v g t k u k e u 0 k p ' c f f k l q p . ' k / y c u ' q d u g t x g f " v j c v l ' k p e t g c u k p i " v j g ' u r k p f n g ' u r g g f ' f g e t g c u g f " v j g ' u w t h e g ' t q w i j p g u u ' h q t " d q v j " o c e j k l p i " o g v j q f u 0 ' K / y c u ' e q p e n f g f " v j c v v j g ' u w t h e g ' t q w i j p g u u ' k p e t g c u g f " c u ' v j g ' h g g f ' t c v g ' k p e t g c u g f 0 ' V j g ' g z r g t k o g p v u ' j q y g f " v j c v ' v j g ' h g g f ' t c v g . " o c e j k l p i " o g v j q f u ' c p f " u r k p f n g ' u r g g f " j c x g " c ' u k i p k h e c p v g h h e v ' q p ' v j g ' o c e j k l p i ' s w e r k l ' 0 ' C u " c ' t g u w n . " v j g ' g z r g t k o g p v c n i ' t g u w n u ' j c x g " c ' u k i p k h e c p v g h h e v ' q p ' v j g ' k o r t q x g o g p v q h ' v j g ' G F F " o g v j q f " o c e j k l p i " r g t h q t o c p e g u 0

Keywords: 'Grgetqrj qtguku. 'F tknkp i . 'O cej kpcdkrkv l . 'Uwthceg' tqw i j pguu. 'Cr297'V8"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### FARKLI İŞLEME YÖNTEMLERİNİN Tİ6AL4V ALAŞIMININ MİKRO FREZELENMESİNDE İŞLENEBİLİRLİĞE OLAN ETKİSİNİN İNCELENMESİ INVESTIGATION OF THE EFFECT OF DIFFERENT MACHINING METHODS ON THE MACHINABILITY IN MICRO MILLING OF Ti6Al4V ALLOY

Aybars MAHMAT

"O wp/ vt Wpkxgt ukf. Hc ewnf qhGpi kpggt kpi . O gej cplecnGpi kpggt kpi . Vwpe grk Vwt ngl "  
QTEK <2222/2223/; 483/2842 "

#### ÖZET

Dw±cn o cp,p'co ce.. Vİ8Cr6X'cm ,o ,p,p'o kntq'ht gl grgp g'htcm 'k ngo g'r ctco gvtgrtkp' { Ā g{ " r Ā Ā n Ā Ā Ā'xg'vrc "nerf ,to c"qtc p,pc"gnkgtk'f gpg{ ugn'xg"cpckn'qrcn'ctc vto cm,t0F gpg{ rgtf g" ngulek'vmo "qrcn'VKUP "ner n'netd Ā "o kntq'vmo rct'nwrcp,m , vt0 ngo g{"3/4vgo k'qrcn' grpgmugr' xg'wntcuqkn'o kntq'ht gl grgo g'mwrcp,m , vt0% cn o crct "5'ugxk' gf g'kgrgo g'j ,| ,\*32.'42.'52'o o lf cm:" f 3/4po g'j ,| rct ,\*32.'34.7.'37'o lf cm'xg'ucdk'2.24'o o "nguo g'f g'kprk k'nwrcp,rctn'i gt±gm g vkt k vkt O F gpg{ rgt' uqpwepf c{ Ā g{ "r Ā Ā n Ā Ā nif g grtkp'kgrgo g'qtc p,p"ctvo cu, {rc'ctw , . "dwpw" {cp, pf c" { Ā g{ "r Ā Ā n Ā Ā nif g grtkp'kgrgo g'f 3/4po g'j ,| ,p,p"ctvo cu, {rc'c' cf , , "dgrkrgpo k vkt O Mguo g'j ,| ,p,p" xg' kgrgo g'j ,| ,p,p"ctvo cu, "vrc "nerf ,to c"qtc p,p,"ctvto , vt0 Wntcuqkn'o kntq'ht gl grgo g"i grpgmugr' ht gl grgo g{g' i 3/4g{ Ā g{ "nerk'g'k'ctvtf , ,i 3/4 Ā Ā v Ā Ā Ā Cpecn'vrc "nerf ,to c"qtc p, Ā g'k'p'g'±qnl'hc'rc " dk'gnk'qm cf , ,i 3/4 Ā Ā v Ā Ā Ā "

**Keywords** <Wntcuqkn'O kntq'ht gl grgo g." nrgdktk'rkml Ā g{ "r Ā Ā n Ā Ā Ā "Vİ8Cr6X"

"

#### ABSTRACT

Vj g'cko "qh'v ku'uwf { 'ku'q'kpxguki cvg'v' g'ghgevu'qh'f k'htg'gpv' t'qegu'kpi 'r ctco gvtu'qp'uwthceg'tqwi j pguu' cpf "o cvtkn'tgo qxcn'tcvg"lp"o letq"o k'rkpi "qh"Vİ8Cr6X"cmq { "g'zr g'tko gpvcml "cpf "cpcn' v'ecm' O'VKUP " eqcvf "ectdk'f g'o letq"v'qnu'y g't'wugf "cu'eww'kpi "v'qnu'lp"v'j g'zr g'tko gpv'0E'qpxg'v'k'p'c'n'cpf "wntcuqple" o letq"o k'rkpi "y g't'wugf "cu'r't'qegu'kpi "o gvj qf u'0Vj g'uwf k'gu'y g't'ect'k'f "q'w'w'kpi "5'rgxgn'qh'hggf "tcvg" \*32.'42.'52'o o lo k'p+ 't'q'cv'k'p'c'n'lr ggf u'\*32.'3407.'37'o lo k'p+'cpf "c"eq'p'w'c'p'v'f gr vj "qh'ew'qh'2024"o o 0Cu' c"t'gu'w'qh'v'j g'zr g'tko gpw."k'y cu" f'gvto k'p'f "v'j cv'v'j g'uwthceg"t'qwi j pguu'xcn'w'g'k'p'et'g'cug'f "y k'j "v'j g' k'p'et'g'cug'lp'hggf "tcvg."y j k'g'v'j g'uwthceg't'qwi j pguu'xcn'w'g'f get'g'cug'f "y k'j "v'j g'k'p'et'g'cug'lp't'q'cv'k'p'c'n'lr ggf O' Vj g'k'p'et'g'cug'lp'eww'kpi "ur ggf "cpf "hggf "tcvg"k'p'et'g'cug'f "v'j g'o cvtkn'tgo qxcn'tcvg'0K'y cu"q'dugt'xgf "v'j cv' wntcuqple"o letq"o k'rkpi "k'p'et'g'cug'f "v'j g'uwthceg"s'w'rk'v{ "eqo r'ctgf "v'q"eq'p'x'g'p'v'k'p'c'n'o k'rkpi O'J qy g'xg't. "k' y cu"q'dugt'xgf "v'j cv'k'f'k'f "p'q'v'j cxg"o wej "gh'ge'v'qp'v'j g'o cvtkn'tgo qxcn'tcvg'0

**Keywords:** "Wntcuqple."O letq"o k'rkpi ."O cej k'pcdk'k'v{ ."Uwthceg't'qwi j pguu."Vİ8Cr6X"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### FARKLI SÜBSTİTÜE ALDEHİT GRUPLARI İÇEREN 1,4-FENİLEN BİS HİDRAZİN TÜREVLERİNİN SENTEZİ ve SPEKTROSKOPİK ÇALIŞMALARI SYNTHESIS AND SPECTROSCOPIC STUDIES OF 1,4-PHENYLENE BIS HYDRAZINE DERIVATIVES CONTAINING DIFFERENT SUBSTITUTED ALDEHYDE GROUPS

Temel Kan BAKIR<sup>1</sup>

<sup>3</sup>F q ± 0 F t 0' M c u c o q p w' © p k x g t u k x g u k ' H g p' H c n Ğ n Ğ u k ' M k o { c. ' M c u c o q p w: ' V Ğ Ğ n Ğ g 0'

<sup>3</sup>QTEKF 'KF < j w r u - d l q t e k f Q t i I 2222/2224/9669/368: "

Temel Kan BAKIR<sup>1</sup>

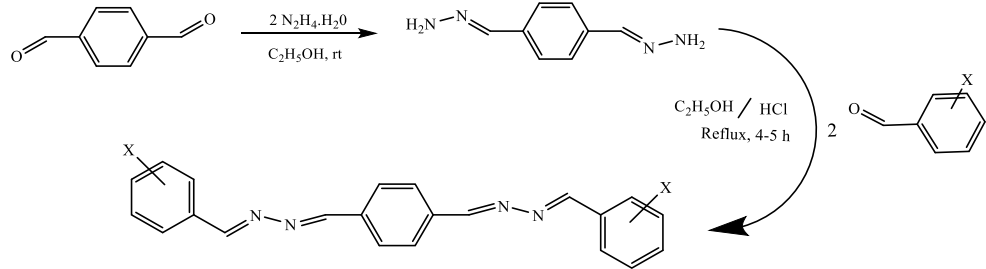
<sup>3</sup>C u u q e 0 R t q l 0 F t 0' M c u c o q p w' W p k x g t u k x f. ' H c e w n f ' q h' U e k g p e g. ' E j g o k u t { . ' M c u c o q p w: ' V Ğ Ğ n Ğ g 0'

<sup>3</sup>QTEKF 'KF < j w r u - d l q t e k f Q t i I 2222/2224/9669/368: "

"

#### ÖZET

V, r v. " g e l c e, n m c. " n a j l o g v k m g. " d q { c t " o c f f g r g t k p " Ğ Ğ g l o k p f g " x g " r r u v k n Ğ u c p c { k u k Ğ k l k ' d k t ± q n Ğ g p f Ğ Ğ t k Ğ g r i c r e p f c " n w m e p, o r t c e " u c j k r ' u e j k h Ğ d e l r e t, . ' l o k p ' i t w d w p c ' d e n ' u Ğ Ğ d u k v Ğ Ğ p v r g t g Ğ Ğ 3/4 g Ğ f g k g p ' d k t ± q n Ğ 3/4 g r n k g " u c j k r v k " ] 3\_0' D w' ± c n, o c f c " h c t m, " u Ğ Ğ d u k v Ğ Ğ " i t w r r e t " k e g t g p " c r f g j k r g t k p " 3.6 / h e p k r g p " d k u " j k f t c l k p " k r g " n a j p f g p l c u { q p ' t g e m u k Ğ q p w p f c p " { g p k Ğ u e j k h Ğ d e l r e t, ' u g p v g l r g p f k 0' m Ğ c c o c f c " 3.6 / d k u Ğ Ğ k f t c l q o g v k n Ğ d g p l g p " g r f g u k ' k e k p " 32 " o o q n Ğ v g t c h k s c n Ğ c r f g j k v ' x g " 43 " o o q n Ğ Ğ k f t c l k p " q f c " u, e c m, , p f c " g v k n Ğ c m q n Ğ k e k p f g " 5/6 " u c c v Ğ n e t, v t, r f, m e p " u q p t c " u Ğ Ğ Ğ r g t g m Ğ g v k n Ğ c m q n f g " { , n e p, r " m v t w w r f w 0' n k p e k' c c o c f c " 32 " o o q n Ğ 3.6 / d k u Ğ Ğ k f t c l q o g v k n Ğ d g p l g p " k r g " 43 " o o q n Ğ h c t m, " u Ğ Ğ d u k v Ğ Ğ " i t w r r e t " k e g t g p " d g p l c r f g j k v ' v Ğ Ğ g x r g t k' g v k n Ğ c m q n Ğ k e k p f g " 6/7 " u c c v Ğ t g h Ğ Ğ " g f k f k 0' M c v e r k Ğ 3/4 " q r c t e n Ğ d k t " k n k' f c o r e " J E r i' n w m e p, r f, " ] 4\_0' T g e m u k Ğ q p " n e t, , o , " u q w w r f w 0' 3/4 n g p " o c f f g " u Ğ Ğ Ğ r f Ğ Ğ x g " m v t w w r f w 0' D 3/4 r e g e g " { g p k' 3.6 / d k u Ğ Ğ G + Ğ Ğ Ğ G + d g p l k r k f g p + j k f t c l q p q - " o g v k n Ğ d g p l g p " v Ğ Ğ g x r g t k' g r f g " g f k f k Ğ Ğ g n k n Ğ 3 + 0'



X: 4-OH; 2,4-di OH; 4-N,N-di metil; 3-OCH3, 4-OH; 3-etoksi,4-OH; 3,5-dimetoksi,4-OH

g n k n Ğ 30 h c t m, " u Ğ Ğ d u k v Ğ Ğ " c r f g j k v Ğ i t w r r e t, " k e g t g p " 3.6 / h e p k r g p " d k u " j k f t c l k p " v Ğ Ğ g x r g t k p k p " u g p v g l k' G r f g " g f k r g p " { g p k' d k r g k m g t k p " D k r g k n Ğ (1) < 6.6 / Ğ Ğ Ğ 3.6 / h e p k r g p " d k u " o g v c p k r k f g p + " d k u Ğ Ğ k f t c l k p / 4.3 / f k r k f g p + " d k u " o g v c p k r k f g p + " d k u Ğ Ğ 4 / o g v q m u k h g p q n Ğ. " D k r g k n Ğ (2) < 7.7 / Ğ Ğ Ğ 3.6 / h e p k r g p " d k u " o g v c p k r k f g p + " d k u Ğ Ğ k f t c l k p / 4.3 / f k r k f g p + " d k u " o g v c p k r k f g p + " d k u Ğ Ğ 4 / o g v q m u k h g p q n Ğ. " D k r g k n Ğ (3) < 6.6 / Ğ Ğ Ğ 3.6 / h e p k r g p " d k u " o g v c p k r k f g p + " d k u Ğ Ğ k f t c l k p / 4.3 / f k r k f g p + " d k u " o g v c p k r k f g p + " d k u Ğ Ğ 4 / o g v q m u k h g p q n Ğ " x g " D k r g k n Ğ (4) < 6.6 / Ğ Ğ Ğ 3.6 / h e p k r g p " d k u " o g v c p k r k f g p + " d k u Ğ Ğ k f t c l k p / 4.3 / f k r k f g p + " d k u " o g v c p k r k f g p + " d k u Ğ Ğ 4.8 / f l o g v q m u k h g p q n Ğ + " f g p g { u g n Ğ " x g " v g q t k n Ğ r g o g p v n k p e r g o g u k' x g t k r f k 0' D k r g k n Ğ 3.4.5 " x g " 6 " k e k p ' d e l, ' h k k n a n k o { c u c n Ğ 4 g r n k m g t ' u, t c u, ' k r g = X g t k o " ' " 8304. " G t k o g " P q m c u, < 492/493 " Ğ. " M j { w' M e j x g t g p i k = X g t k o " " 6; 07. " G t k o g " P q m c u, < 487/488 " Ğ. " M e j x g t g p i k o u k' U c t, = X g t k o " " 8507. " G t k o g " P q m c u, < 495/496 " Ğ. " M e j x g t g p i k = X g t k o " " 6904. " G t k o g " P q m c u, < 482/483 " Ğ. " M e j x g t g p i k' q r c t e n Ğ d w w p f w 0' G r f g " g f k r g p " { g p k' d k r g k n Ğ v Ğ Ğ g x r g t k p k p " 13 J / P O T. " 65 E / P O T " x g " K " c p e r k Ğ r g t k r g " { c r, " n e t e m g t k c u { q p w' { c r, r f, " x g " f g g t r g p f k k r f k 0' m Ğ c c o c f c " v g t g h c e r f g j k l k p " x g " j k f t c l k p " j k f t e v' t g e m u k Ğ q p w p f c p " q n w c p " 3.6 / d k u Ğ Ğ k f t c l q o g v k n Ğ d g p l g p " d k r g k k l k p " K " u r g m t w o r e t, " { q t w o r e p f, 0' F c j c " u q p t c " k n k p e k' c c o c f c " u g p v g l r g p g p " d k r g k m g t k p " K " u r g m t w o w p f c. " d e r e p i, ±

ABSTRACT BOOK

# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

dkg kmgtkpf gp'vgtghcrnf gj kg'ckv'38; 4'eo /<sup>3</sup>af gnk'5'xg'c{p, " gnkrf g'dgp| crf gj k'v'At gxnrgk'k'kp'3922'eo /<sup>3</sup>af g'netdqpki'r kmgtkpk'nc {dqm cu,"xg'ko kpg'ckv'3839'eo /<sup>3</sup>af g" {gpk'dk'r kn'i 3/4 ngo ngpo guk'dkg k kp' ugpvgl kpk'i gt+gmng vk kpk'pgv'dk' gnkrf g'i 3/4ngto gmgf ktO

**Anahtar Kelimeler:** "3.6/hgpkrp'dku'j kf tc| kp." "6J / P O T." "K" "ur gmtqunqr kuk<sup>165</sup>E/P O T O

**REFERANSLAR**

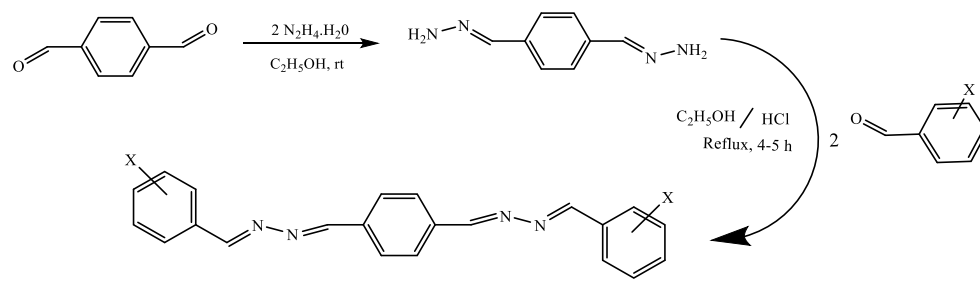
J3\_" [ cnep. "J O" Dcmr. " VOM) " ¥ cxw. " O UU' gv" crf' P gy " /kucv'p" crf gj { f g/P .P /vj kqectdqj { f tc| qpgu< r tgr ctcv'kq. "ur gev'queqr ke'uwf lgu'cpf 'F HV'cr r tqcej "vq'cp'v'qzkf cpv'ej ctcevgtkuk'euOT gu'Ej go "K'pv'to gf " 68."763967662" \*4242+0j wr u<lf qk'Qti B208229 lu33386/242/26492/2"

J4\_" Rgpi /Zkpi "Rgk'Ukpi /J cp"J w" .I kpi "Ej gp. "I qw'Uwp. "Ukpi "S k' C" p'q'x'gn'f wcn'ej cpg'gn'ej go qugpuqt' hqt"EP " wukpi "cu{o o gvtke" f qwdrg/c| kpg" f g'k'x'v'x'gu"kp" cs w'g'q'wu" o gf kc" cpf "ku" cr r n'ecv'kq"kp" dkv'gt' cm qpf . "Ur gev'tej ko kec' Cew' Rctv' C < O qrgewrt " cpf " Dkqo qrgewrt " Ur gev'queqr { "3: 3" \*4239+35363580

J5\_" j gpi . "J O" Nkw" S O" Ngk "Z O' gv' crf' Rgthqto cpeg/o qf k'kgf "r qn' ko kpg" xkt ko gt u<"hg'z'k'k'k'v' . "vj gto cni' uwdk'k'v' { cpf " gcu' t'gr tqegu'kpi O L O cvgt " Uek'76. "48; 2648; : \*423; +0j wr u<lf qk'Qti B208229 lu32: 75/23: / 4; 84/6"

**ABSTRACT**

Uej kh'dcugu. y j lej 'ctg'wugf 'kp'b cp{ 'kpf wutk'nc'ict'gcu'uwe'j 'cu'b gf lek'pg. 'r j cto ce{ . 'equo g'keu. 'r tqf wcv'kq' qh'f { gu'cpf 'r m'uke'kpf wut { . 'j cxg'b cp{ 'r tqr g'v'ku'vj cv'xct { 'ceeqt'f kpi "vq'vj g'uwdu'kw'g'pw'cw'cej gf "vq'vj g" ko kpg"i tqwr "j3\_0'k'p'vj ku'uwf { . "pgy "uej kh'dcugu"y gtg"u{p'vj guk' gf "Htqo "vj g"eqpf gpucv'kq"t'gcev'kq"qh' crf gj { f gu'eqp'v'k'k'pi 'f kh'gt'gp'v'uwdu'kw'g'p'vi tqwr u'y kj "3.6/rj gp{ r'ngp" dku'j { f tc| kpg'0'k'p'vj g'htu'v'ugr . "32" o o qn'qh'v'gtgr j vj cn'crf gj { f g'cpf "43"o o qn'qh'j { f tc| kpg'y gtg'v'k'k'g'f "kp'gy { n'creqj qn'cv't'q'qo "vgo r gtcw'g" hqt'5/6'j qwtu'v'q'q'dv'k'p'3.6/dku'j { f tc| qo gvj { n'dgp| gpg. 'vj gp' h'ngt'gf . 'y cuj gf "kp'gy { n'creqj qn'cv't'f t'kgf O' k'p' "vj g" ugeqpf " ugr . "32" o o qn'qh' "3.6/dku'j { f tc| qo gvj { n'dgp| gpg" cpf "43" o o qn'qh' dgp| crf gj { f g' f g'k'x'v'x'gu'eqp'v'k'k'pi 'f kh'gt'gp'v'uwdu'kw'g'p'vi tqwr u'y gtg'v'g'hw'z'gf "kp'gy { n'creqj qn'ht' "6/7"j qwtu'0'Q'pg'qt" vy q'f tqr u'qh'J Erly gtg'wugf 'cu'b'ecv'cn' uv']4\_0Vj g't'g'cev'kq"o kz w'g'y cu'eq'q'ng'f 0Vj g'r t'g'ek' k'cv'gf "o cvgt'k'cn' y cu' h'ngt'gf "cpf 'f t'kgf 0Vj wu. 'pgy "3.6/dku'j \*G+/\*G+dgp| { r'nf gpg-j { f tc| q'p'q+o gvj { n'dgp| gpg'f g'k'x'v'x'gu" y gtg'v'q'dv'k'p'gf " \*Hki wtg"3+0



X: 4-OH; 2,4-di OH; 4-N,N-di metil; 3-OCH3, 4-OH; 3-etoksi,4-OH; 3,5-dimetoksi,4-OH

Hki wtg'30U{p'vj guk'q'qh'3.6/rj gp{ r'ngp" dku'j { f tc| kpg'f g'k'x'v'x'gu'eqp'v'k'k'pi 'f kh'gt'gp'v'uwdu'kw'g'f "crf gj { f g' i tqwr u'0

Vj g" pgy " eqo r qwp'f u" qd'v'k'p'gf " \*Eqo r qwp'f " (1)< 6.6)\*\*\*3.6/rj gp{ r'ngp" dku' o gvj cp{ n' r'nf gpg++ dku'j { f tc| kpg/4.3/f k' r'nf gpg++ dku' o gvj cp{ n' r'nf gpg++ dku'4/o gvj qz { r j gpqn' . "Eqo r qwp'f " (2)< 7.7) \*\*\*3.6/ r j gp{ r'ngp" dku' o gvj cp{ n' r'nf gpg++ dku'j { f tc| kpg/4.3/f k' r'nf gpg++ dku' o gvj cp{ n' r'nf gpg++ dku'4/ o gvj qz { r j gpqn' . " Eqo r qwp'f " (3)< 6.6)\*\*\*3.6/rj gp{ r'ngp" dku' o gvj cp{ n' r'nf gpg++ dku'j { f tc| kpg/4.3/ f k' r'nf gpg++ dku' o gvj cp{ n' r'nf gpg++ dku'4/gv'j qz { r j gpqn' } cpf " Eqo r qwp'f " (4)< 6. 6)\*\*\*3.6/rj gp{ r'ngp" dku' o gvj cp{ n' r'nf gpg++ dku'j { f tc| kpg/4.3/f k' r'nf gpg++ dku' o gvj cp{ n' r'nf gpg++ dku'4.8/f ko gvj qz { r j gpqn' + g'zr gt'ko gpvcn' cpf "vj g'gt'g'v'ec'n' grgo gpvcn' k'p'x'g'uki cv'kq"ku' i k'x'gp'0'U'qo g' r j { u'keqej go kecn' r tqr g'v'ku" hqt"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

eqo r qwpf u"3.4.5"cpf "6"ctg"i kxgp"kp"qtf gt'y kj =[" lgrf "8304" . "O gnkpi "Rqkpv"492/493"ÅE."F ctniDtqy p=" [ lgrf "6; 07" . "O gnkpi "Rqkpv"487/488"ÅE."Dtqy pkuj "[ gmuy =[" lgrf "8507" . "O gnkpi "Rqkpv"495/496"ÅE." Dtqy p="[" lgrf "6904" . "O gnkpi "Rqkpv"482/483"ÅE."Dtqy p0Vj g"utwewt g"ej ctcevgtk cvkqp"qh"vj g"pgy " eqo r qwpf "f gkxcvkgu"qdvkpgf "y cu'r gthqto gf "cpf "gxcnvcvgf "d{ "6J /P O T."65E/P O T"cpf "K"cpn[" gu0 K"vj g"htuvuci g."yj g"K"ur gevte"qh"vj g"3.6/dkuj { f tc| qo gj { n#dgp| gpg"eqo r qwpf "hqtto gf "d{ "yj g"tgcevkap" qh"vtgr j vj cncf gj { f g"cpf "j { f tc| kpg"j { f tc| y gtg"lpgvtr tvgf 0Vj gp."kp"vj g"K"ur gevte"qh"vj g"eqo r qwpf u" u{ pvj guk gf "kp"vj g"ugeqpf "uci g."yj g"uvctvpi "eqo r qwpf ."vtgr j vj cncf gj { f g."y cu"qdugtxgf "cv38; 4"eo /3" ]5\_cpf "uko kctn["hqt"dgp| cncf gj { f g"f gkxcvkgu0Vj g"f kucr r gctcepg"qh"vj g"ectdqp{ n'r gcmu"cv"3922"eo /3" cpf "yj g"qdugtxvkap"qh"vj g"pgy "r gcm"cv3839"eo /3"dgrupi kpi "vq"vj g"ko kpg"engctn[" kpf kecvg"vj cv"vj g"u{ pvj guk" qh"vj g"eqo r qwpf "j cu"qewttgf 0

**Keywords:** 3.6/rj gp{ ngpg"dku"j { f tc| kpg. "6J /P O T."K"ur gevteqqr { ."65E/P O T0

#### REFERENCES

- [3\_] [ cncf."J 0"Demt." VOM0"¥cxw." O UU"gv"cn0P gy " /kcvk" cncf gj { f g/P.P /vj kqectdqj { f tc| qpgu< r tgr ctvkap."ur gevteqqr ke"uwf lgu"cpf "F HV"cr r tqcej "q"cpvqzkf cpvej ctcevgtkvku0T guEj go "Kvgtto gf " 68."763967662"4242+0j wru<lf qkqti B208229u33386/242/26492/2"
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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SINAV KAYGISI VE DİJİTAL BAĞIMLILIK ARASINDAKİ İLİŞKİNİN İNCELENMESİ INVESTIGATION OF THE RELATIONSHIP BETWEEN TEST ANXIETY AND DIGITAL ADDICTION

Öğr.Gör. Dr. Erhan SUR

Uqpqr '©pkxgt ukxguk 'I gt | g'O gurgnİl Āmugnqmww.'Dki kuġ ct 'Vgnpqrlkgt k'D3/4Āo Ā 'Uqpqr.'VĀt nkġ g"  
QTEKF 'KF <2222/2223/932: /79: 5"

Yusuf Ziya AYDOĞAN

Uqpqr '©pkxgt ukxguk 'I gt | g'O gurgnİl Āmugnqmww.'Dki kuġ ct 'Vgnpqrlkgt k'D3/4Āo Ā 'Uqpqr.'VĀt nkġ g"  
QTEKF 'KF <222; /2229/2295/544Z"

Ömer Talha DEMİRCİ

Uqpqr '©pkxgt ukxguk 'I gt | g'O gurgnİl Āmugnqmww.'Dki kuġ ct 'Vgnpqrlkgt k'D3/4Āo Ā 'Uqpqr.'VĀt nkġ g"  
QTEKF 'KF <222; /222: /7; 4: /5892"

Ahmet Yiğit KANSIZ

Uqpqr '©pkxgt ukxguk 'I gt | g'O gurgnİl Āmugnqmww.'Dki kuġ ct 'Vgnpqrlkgt k'D3/4Āo Ā 'Uqpqr.'VĀt nkġ g"  
QTEKF 'KF <222; /2225/8848/22: 5"

"

#### ÖZET

I ĀpĀo Ā f g' Āpkxgtukg<sup>3/4</sup> tpekrkt "dk" {cpf cp" cnef go kni' de ct, rctc" qf cncp, tngp" f k gt" {cpf cp" f c" ngpf krtkpk" j go " g kko " j go " f g' f k gt" uqu{cn' c±, rctf cp" gvnkg{ gp" r uknqrlkni' o gurgnrg" o Āecf grg" gvo gmgf krtg' I gtgnİ' vgt kni' ±gt ±gxg" i gt gmug" ki k'k' rkgtcvĀt " g kko " j c{c, p, p" xg" f qrc{, u, {rc" cnef go kni' de ct, p, p" f gr tgu{qp. "ne {i, " xg" utgu" i kdk' qr nwo rctf c" qrf wnc" {c {i, p" qncp" twj ucni' r tqdrgo rgtf gp" c , t, " f Ā g{f g' gvnkrgpf k kpk' i 3/4 vgt o k kt " \*Mkks' x f 0" 4242+0[ Āmugnİr wcp" cno c" j gf ghkġ rg" {q wp" dk" vgo r q{rc" ±cn o cm<sup>3/4</sup> tpekrktkpk" dw" f 3/4 pgo f g" ±g k' k' " uqtwprctrc" net , n o cu, pc" pgf gp" qncdko gmgf k t' D w" uqtwprctf cp" dk k' k' f g' u, p, cx" ne {i, u, f, t' U, p, cx" ne {i, u, u, p, cx" ki k' k' f wto rctf c' qtv{c' ±, ncp" {q wp" gpf k g' xg" {c cp, rcp" u, mpv, n" f wto rct, " k' c' f g' gvo gmgf k " \* t gvt " xg" VĀt ngt. " 4243+0"

Dcre, "xg" Uct, w " \*4245+{ cr v, mct, ±cn o cf c' uqu{cnİe {i, f Ā g{ k' k' f k' k' cni' de , o n' n' m' ctcu, pf c' r q| k' k' i' dk' " k' k' nk' dwf wnc, p, " dgrkto gmgf krtg' F k' k' cni' de , o n' n' m' 3/4 pegrkt' k' pvgtpgv' de , o n' n' , " qmctni' cf rcpf, t, m, , vt. " vgnpqrlkpk" i grk o gukġ rg" dk' r' k' m' " f k' k' cni' qtvco rct, p" qtv{c' ±, m' cu, " dk' g{ rgtkpk" vgnpqrlkġ g" { 3/4 grkni' hctm' de , o n' n' m' v' rgtkpk' o g{ f cpe' i' gvt o k kt' D wprct = dki kuġ ct. ' vcdrgv. " VX. " uqu{cn' o gf {c. ' k' pvgtpgv' i' dk' k' cni' h' vgi qtkgtf k " \* Cturp " xg" Dctf cnc, . " 4243+0"

©pkxgtukg<sup>3/4</sup> tpekrktk' Ā g' t' k' p' f g' { cr , rcp' dk' ctc vto cf c. " uqu{cnİe gf {c' h' wncp, o , p, p' u, p, cx" ne {i, u, {rc" qtv{c' f Ā g{f g' r q| k' k' i' dk' " k' k' nk' i' 3/4 vgt f k' k' d' wncp o w w' t' Uqu{cnİe gf {c {, f' c' j c' h' l' r' h' wncp' 3/4 tpekrktk' u, p, cx" f 3/4 pgo rgtkpk' f c' j c' h' l' r' h' ne {i, " {c cf , , p, i' 3/4 vgt o gmgf k " \* Vj qo cu. " 423; +0"

[ cr , rcp" ±cn o cnc' ne {i, " xg" f k' k' cni' de , o n' n' m' ctcu, pf c' r q| k' k' i' k' k' nk' qrf w wpw' i' 3/4 vgt o gmgf k t' U, p, cx" ne {i, u, {rc" f k' k' cni' de , o n' n' m' ctcu, pf cnc' k' k' nk' qrf w wpw' i' 3/4 vgt o gmgf k t' U, p, cx" ne {i, u, {rc" qtv{c' ±, m' cu, " dk' g{ rgtkpk" vgnpqrlkġ g" { 3/4 grkni' hctm' de , o n' n' m' v' rgtkpk' o g{ f cpe' i' gvt o k kt' D wprct = dki kuġ ct. ' vcdrgv. " VX. " uqu{cn' o gf {c. ' k' pvgtpgv' i' dk' k' cni' h' vgi qtkgtf k " \* Cturp " xg" Dctf cnc, . " 4243+0"

Ecuuf { 'xg' Lqj puqp " \*4224+{ctch, pf cp' i' grk kt' k' r' p' Dq| mw' v' x f 0 " \*4239+{ctch, pf cp' VĀt m' gng' kt' k' r' p' dk' k' ugn' u, p, cx" ne {i, u, 3/4 ±g k' k' g' I gt | g'O gurgnİl Āmugnqmww<sup>3/4</sup> tpekrktkpk' u, p, cx" ne {i, u, " v' gur k' y' f' k' r' g' e' g' m' k' t' O f k' k' cni' de , o n' n' m' xg" u, p, cx" ne {i, u, " ctcu, pf cnc' k' k' nk' p" qtv{c' " n' p' w' r' c' d' k' o' guk' k' k' p' " M' g' u' k' e' k' xg" " Vwp± " \*423: +{ ctch, pf cp" i' grk kt' k' r' p' f k' k' cni' de , o n' n' m' 3/4 ±g k' k' n' wncp, r' e' c' m' , t' 0' Hctm, " i' tw " qtvco cnc, p, p" net , n' v' t, m' cu, pf c' " de , o u, | " i' tw rct " v' v' g' u' k' xg" vgnİ' { 3/4 p' n' Ā " CP QXC " v' g' u' r' g' t' k' w' {i' wrcp' c' m' , t' 0' CP QXC " uqpwepf c' k' k' k' h' e' t , n' v' to c' v' g' u' k' p' k' i' g' t' g' m' k' q' r' f' w' w' f' w' to rctf c' " Vwng { " v' g' u' k' h' wncp, r' e' c' m' , t' 0"

Anahtar kelimeler: "U, p, cx" M' c {i u, " F k' k' cni' De , o n' n' m' Cnef o kni' De ct, "

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

P qy cf c { u . w p k x g t u k v { " u w f g p w . y j k g ' h q e w u k p i " q p " c e c f g o k e ' c e j k g x g o g p w . u w t w i i n g ' y k j ' r u f e j q m i k e c n i k u u w g u ' v j c v ' c h g e v ' v j g o " d q j ' g f w e c v k p c m ' c p f ' u e k e c m { 0 D q j ' v j g ' v j g g t g v e c n i h t c o g y q t m ' c p f ' v j g ' t g r g x c p v ' r k g t c w t g ' j c x g ' u j q y p ' v j c v ' g f w e c v k p c n i h g ' c p f ' v j g t g h q t g ' c e c f g o k e ' u w e e g u u ' c t g ' j g c x k n ' c h g e v g f ' d { ' o g p c n i ' r t q d r g o u ' u w e j ' c u ' f g r t g u k q p . ' c p z k g v { ' c p f ' u w t g u u . y j k e j ' c t g ' s w k g ' e q o o q p ' k p ' u e k e g v e u ' M k r k v ' g ' v c r 0 ' 4 2 4 2 + 0 ' }

U w f { l p i ' c v ' c p ' l p v g p u g ' r c e g ' y k j ' v j g ' c l o ' q h i ' g w k p i ' j k i j ' u e q t g u ' e c p ' e c w u g ' u w f g p w ' v q ' g p e q w p v g t ' x c t k q w u ' r t q d r g o u ' f w t k p i ' v j k u ' r g t k q f 0 ' Q p g ' q h ' v j g u g ' r t q d r g o u ' k u ' g z c o " c p z k g v { 0 " G z c o " c p z k g v { " t g h g t u ' v q ' l p v g p u g " c p z k g v { ' c p f ' f k u t g u k p i ' u k w c v k p u ' v j c v ' q e e w t ' l p ' u k w c v k p u ' t g r c v g f ' v q ' v j g ' g z c o " \* ' t g v k { ( " V A t m g t . ' 4 2 4 3 + 0 ' }

D c r e , " c p f " U c t , x c " \* 4 2 4 5 + " u c v g f " v j c v ' v j g { " h q w p f " c ' r q u k k x g ' t g r c v k p u j k r " d g y g g p ' u e k e c n i ' c p z k g v { " r g x g n i ' c p f " f k i k e c n i ' c f f l e v k q p ' l p ' v j g k t ' u w f { 0 F k i k e c n i ' c f f l e v k q p ' y c u ' r t g x k q w u n ' e c m g f ' l p v g t p g v ' c f f l e v k q p . ' d w ' y k j ' v j g " f g x g n r o g p v ' q h ' v e j p q m i { . ' v j g " g o g t i g p e g ' q h ' f h h g t g p v ' f k i k e c n i ' g p x k t q p o g p w u ' j c u ' r g f ' v q ' f k h h g t g p v ' v r g u ' q h ' c f f l e v k q p ' q h ' l p f k x k f w e n u ' v q ' v e j p q m i { 0 V j g u g ' c t g ' u w d e c v g i q t k g u ' u w e j ' c u ' e q o r w g t . ' c d r g v . ' V X . ' u e k e c n i ' o g f k e . ' l p v g t p g v \* C t u r p { ( " D c t f c m t . ' 4 2 4 3 + 0 ' }

K p " c " u w f { " e q p f w e g f " q p " w p k x g t u k v { " u w f g p w . k v ' y c u ' h q w p f " v j c v ' u e k e c n i ' o g f k e " w u g ' u j q y g f " c " o q f g t c v g " r q u k k x g ' t g r c v k p u j k r " y k j " g z c o " c p z k g v { 0 K ' u j q y u ' v j c v ' u w f g p w ' y j q ' w u g ' u e k e c n i ' o g f k e " o q t g ' g z r g t k p e g " o q t g ' c p z k g v { f w t k p i " g z c o " r g t k q f u " \* V j q o c u . ' 4 2 3 ; + 0 " }

U w f k g u ' l u j q y ' v j c v ' v j g t g ' k u ' c ' r q u k k x g ' t g r c v k p u j k r " d g y g g p ' c p z k g v { ' c p f ' f k i k e c n i ' c f f l e v k q p 0 V j g t g ' k u ' p q ' u w f { " l p ' v j g ' r k g t c w t g ' q p ' v j g ' t g r c v k p u j k r " d g y g g p ' v g u v ' c p z k g v { ' c p f ' f k i k e c n i ' c f f l e v k q p 0 K ' v j k u ' u w f { . ' v j g ' g h h g e v ' q h ' l p e t g c u g f ' v g u v ' c p z k g v { ' q p ' f k i k e c n i ' c f f l e v k q p ' y k m i ' d g ' l p x g u k i c v g f 0 " }

V j g " g z c o " c p z k g v { " q h ' I g t l g " X q e c v k p c n i ' U e j q q n ' u w f g p w ' y k m i ' d g ' f g v g t o k p g f " y k j " v j g " e q i p k k x g " g z c o " c p z k g v { " u e c r g ' f g x g n r g f " d { " E c u u c f { " c p f " L a j p u q p " \* 4 2 2 4 + " c p f " t c p u r c v g f " l p v q " V w t n k u j " d { " D q l m x t v ' g v ' c r i 0 ' \* 4 2 3 9 + 0 ' K ' q t f g t " v q " t g x g r n i ' v j g " t g r c v k p u j k r " d g y g g p " f k i k e c n i ' c f f l e v k q p " c p f " g z c o " c p z k g v { . " v j g " f k i k e c n i ' c f f l e v k q p " u e c r g ' f g x g n r g f " d { " M g u l e k ' c p f " V w p ± " \* 4 2 3 : + y k m i ' d g ' w u g f 0 K ' f g r g p f g p v i t q w r u v ' v g u v ' c p f " q p g / y c { " C P Q X C " v g u u ' y k m i ' d g ' c r r n g f " v q ' e q o r c t g ' f k h h g t g p v i t q w r " c x g t c i g u 0 V w n g { " v g u v ' y k m i ' d g ' w u g f ' l p ' e c u g u " y j g t g ' r c k t y k u g ' e q o r c t k u q p ' v g u v ' k u ' p e g e u a c t { " c u ' c ' t g u w n ' q h ' C P Q X C 0 " }

**Keywords** - V g u v ' C p z k g v { . F k i k e c n i ' C f f l e v k q p . ' C e c f g o k e ' U w e e g u u "

#### KAYNAKLAR

C t u r p . " C 0 ' x g " D c t f c m t . " U 0 ' \* 4 2 4 3 + " © p k x g t u k g " " t g p e k r g t l p k p " F k k e c n i ' D c , o n n m r t . p . p " U q u { c n i ' M c { i , " F A j g { r g t k ' © l g t k p f g n k ' G n k u k l p k p " p e g r g p o g u l 0 0 k m ' G k l o . ' 7 2 \* 4 5 2 + ' u 0 ; ; / ; 4 4 0 "

D c r e . " 0 " U c t , x c . " J 0 ' \* 4 2 4 5 + 0 ' U q u { c n i ' M c { i , " F A j g { k ' k r g ' F k k e c n i ' D c , o n n m i ' C t c u , p f c n k ' r k n k f ' g ' M w n r p , o " U A t g u k l p k p " C t c e , n m i ' T q n A < " © p k x g t u k g " I g p ± k k ' © l g t k p g " D k t " p e g r g o g 0 ' C d c p v ' U q u { c n i ' D k r o r g t " F g t i k u k " 4 5 \* 4 + " 3 3 : 3 / 3 3 ; ; 0 f q k < 3 2 0 3 8 3 8 l c u d k 0 3 4 8 ; 8 8 : "

D q l m x t v ' U 0 ' G n k r k ' I 0 " V j q o c u ' E 0 ' N 0 " E c u u c f { " L 0 ' E 0 ' \* 4 2 3 8 + 0 X c n f c v k q p " q h ' v j g " w t n k u j " x g t u k q p " q h ' v j g " e q i p k k x g ' v g u v ' c p z k g v { ' u e c r g o t g x k u g f 0 U c i g ' Q r g p . ' 8 \* 6 + ' 3 6 ; 0 "

E c u u c f { . " L 0 ' E 0 " ( " L a j p u q p . " T 0 ' G 0 ' \* 4 2 2 4 + 0 ' E q i p k k x g " v g u v ' c p z k g v { " c p f " c e c f g o k e " r g t h q t o c p e g 0 ' E q p v g o r q t c t { " G f w e c v k p c n i R u { e j q m i { . ' 4 9 \* 4 + . ' 4 9 2 / 4 ; 7 0 f q k < 3 2 0 3 2 2 8 l e g r u 0 4 2 2 3 0 2 ; 6 " }

M g u l e k " C 0 " ( " V w p ± " P 0 ' H 0 ' \* 4 2 3 : d + 0 ' K p x g u k i c v k p i ' v j g " f k i k e c n i ' c f f l e v k q p " r g x g n i ' q h ' v j g " w p k x g t u k v { " u w f g p w " c e e q t f l p i " v q ' v j g k t ' r w t r q u g u h q t ' w u l p i ' f k i k e c n i ' v q n u 0 W p k x g t u c n i L q w t p c n i q h i G f w e c v k p c n i T g u g c t e j . ' 8 \* 4 + . ' 4 5 7 6 4 6 3 0 j w r u l l f q k 0 q t i B 2 0 3 5 3 ; ; I ' w l g t 0 4 2 3 : 0 8 2 4 2 6 "

M k r k v \ . " F 3 p o g l r g t " U . " G t g p u q { " J . " D g t n q n i ' V F 0 ' © p k x g t u k g " 3 4 t g p e k r g t l p k p g " d g r k t u k r k g " v e j c o o A u A j n A m " g p f k g " x g " d k k u g n ' u . p c x " n e { i , u , " k r k n k u l 0 ' Q t v c f q i w ' V , r " F g t i " 4 2 4 2 - " 3 4 \* 4 + < " 4 8 4 / 4 8 : 0 ' j w r u l l f q k 0 q t i B 2 0 4 3 8 2 3 l q t v c f q i w k r f g t i k u l 0 6 3 3 7 8 "

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

" tgvk" J ." VÃngt" RHU U,pcxc" j c| ,trpcp" ¾ tgpelgtf g" u,pcx" ne {i ,u," kg" cpvtqr qo gvtkn' ¾±Ão rgt"  
ctcu,pf cnkkk mlp' kpegrpo gukODgu'F k' Fgti "4243-3/; "j vr u<lf qkQti B20529842430DF F 06: 7"  
Vj qo cu." F0' Hægdqqm' Cfflekkp" cpf " Cef go le" Cpzkgy" co qpi " Wpkxgtukv" Uwf gpw0k0'  
Hqt wo "423; ."44."8: ó: 50"  
"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SCHIFF BAZLARI İÇEREN YENİ İSATİN TİYO/KARBONHİDRAZONLAR VE BİS-İSATİN TİYO/KARBONHİDRAZONLARIN SENTEZİ VE KARAKTERİZASYONU SYNTHESIS AND CHARACTERIZATION OF NOVEL ISATIN THIO/CARBOHYDRAZONES AND BIS-ISATIN THIO/CARBOHYDRAZONES INCLUDING SCHIFF BASES

Halit MUĞLU<sup>1</sup>

<sup>3</sup>F q±OF t0'Mciwco qpw'©pkxgt uloxuk 'Hgp'Hcnñxguk 'Mko {c.'Mcwco qpw.'Vñnkñ g0'

<sup>3</sup>QTEK 'KF <j wru-llqtekf Qti I222/2223/: 528/459: "

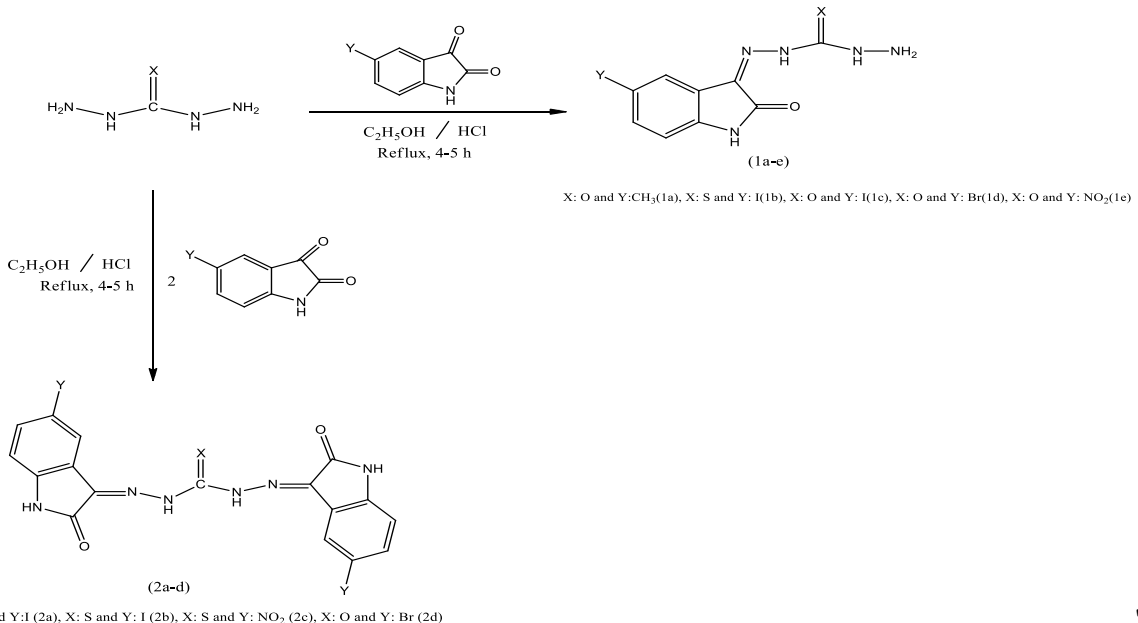
Halit MUĞLU<sup>1</sup>

<sup>3</sup>Cuuqe0Rt ql0F t0'Mciwco qpw'Wpkxgt ukñ.'Hcewnñ'qñUekpeg.'Ej go knt {.'Mcwco qpw.'Vñnkñ g0'

<sup>3</sup>QTEK 'KF <j wru-llqtekf Qti I222/2223/: 528/459: "

#### ÖZET

Kuvp" \*4.5/fkj kftq/4.5/fkmuq/3J /kpfqn" xg" vñgxrgtk" cpv/hwpi cn" cpv/xkten" cpv/vñdgtmñqñl ." ukvqmukukg." cpv/kphco ewct." cpv/k J KX." cpv/k J UX." cpv/k npxñucp." cpv/k dcmgtkf gn" cpv/o knqdkñ cn" cpv/k muf cp" i kdk' 3/4 gnkmgtpf gp" f qnc {, " 3/4go rñ' dkt" j gygtqumknñ' dkg kn' u,p,h,f,t" ]3\_0'Dw" ±cn o cf c=" vñqnetdaj kf tc| k'l'netdaj kf tc| k'\*2.23"o qn"xg"7/uñdukvñg"lucvprgt"\*2.23"o qn:"42"o N'gvcprñk+gtkukpf g" 3/4'f co rñ' J En'xctñ ,pf c'hñet, v,t,rf,'xg'i gtl'ku wwev'cn,pf c'6/7'uccv'nc {pcv,rf,0Dw' gnkrf g'qnv cp'ncv," ãñp'uñ ãñ ãñ' mwtwwf w'xg'gvcprñf g'ntkucmgpf k'kf k' go c'3'f g'i 3/4vgtk'f k k'i kdk'\*3c/g+'grf g'gf kf kOF c'c" uqpte"42"o N'gvcprñk+gtkukpf g"uñdukvñg"lucvprgt"vñgxrgtk"\*204"o qn:"vñqnetdaj kf tc| k'l'netdaj kf tc| k' \*203"o qn"xg"3/4'f co rñ' j k'f qmñt'kn'cuk'"\*322"o N+'xctñ ,pf c' {wctrcm'vedcpñ' dkt'gcmukñ qp"dcnpwpc" k'xg'gf kf k'xg'tgcmukñ qp'net, ,o ,i gtl'ku wwev'cn,pf c'6/7'uccv'nc {pcv,rf,0Dw' gnkrf g'qnv cp'ncv," ãñp'uñ ãñ ãñ' mwtwwf w'xg'gvcprñf g'ntkucmgpf k'kf k']4.5\_0' gnkn'3'f g'i 3/4vgtk'f k k'i kdk'\*4c/f +'grf g'gf kf k'0'



gnkn'30' ucvp"vñqñetdaj kf tc| qpñt,p'xg'dku/lucvprgt"vñqñetdaj kf tc| qpñt,p'i gpgñ'ugpvñl k' Dw'dki k'g'f c {cpctcm"7/uñdukvñg"lucvprgtf gp" xg" vñqñetdaj kf tc| kngtf gp" vñgxrgtp" dc| , " {gpk'lucvprgt" vñqñetdaj kf tc| qpñt,'xg'dku/lucvprgt"vñqñetdaj kf tc| qpñt,'ugpvñl ngpf kOC {t,ec'ugpvñl ngpgp'dkg kmgt HV/ KT.'<sup>18</sup>J 'POT.'<sup>15</sup>E'POT'ur gmtqunqr k'k'xg'grgo gpgñ'cprkñ " {3/4go rgtkñ rñ'f g'lpegrgpñ k'0'

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**Anahtar Kelimeler:** "Uej kh'del rct., "kq lncdaj kf tel qprct. "kucvp. "ur gmtqunqr kn'vgmpknrgt"

#### REFERANSLAR

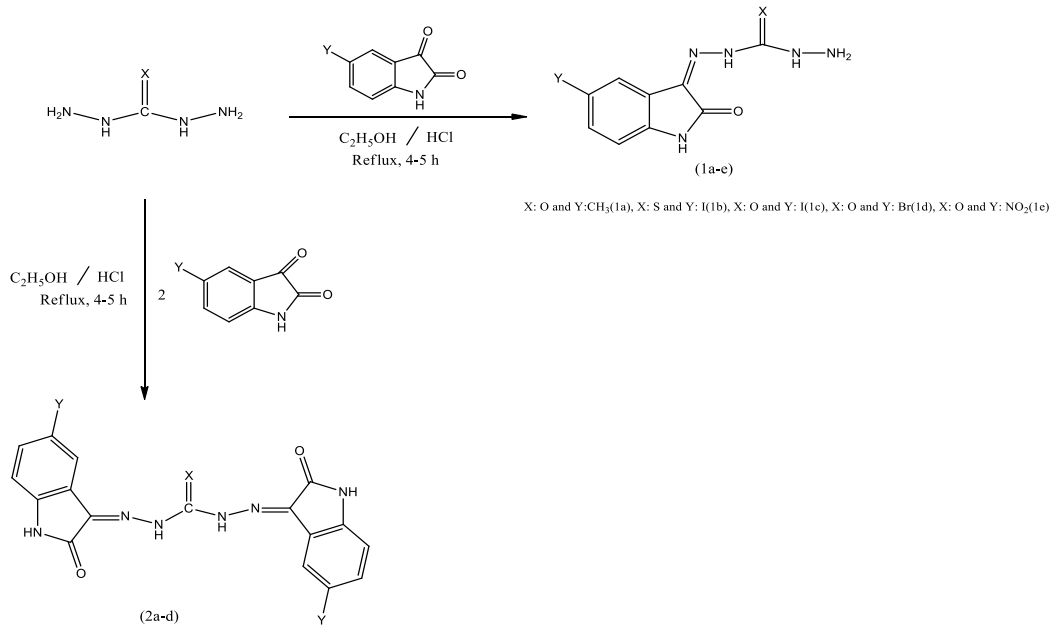
[3] "J crk'O wi nw'O 0Ugtf ct ¥ cxwu. "Vgo gmcp'Dcmt. "J cucp'l cncp. "U{pyj guku. "ej ctcevgtk cvkqp. "s wcpwo " ej go kecn'ecrewn'vqpu'cpf "cpvkz kf cpv'cevkxk' {qh'pgy 'dku/kucvp'ectdaj {f tel qpg'cpf 'vj kqectdaj {f tel qpg' f gtxcvxgu. "Lqwtpci'qh'O qrgewrt "Ut wewtg. "33; 8. "423; +. "3; /: 490"

[4] "O 0Ugtf ct ¥ cxwu. "J cucp'l cncp. "J crk'O wi nw'Vgo gmcp'Dcmt. "P qxgr'ectdaj {f tel qpgu'kpenf lpi "7/ uwdukwgf " kucvp' U{pyj guku. " ej ctcevgtk cvkqp. " cpf " s wcpwo /ej go kecn' uwf lgu" qp" vj g" tgrv'vqpuj kr" dgwy ggp'grgevtqple"cpf "cpvkz kf cpv'r tqr gtv'gu. "Lqwtpci'qh'Rj {ukeu'cpf "Ej go kwt { "qh'Uqrkf u. "362. "4242+" 32; 5840"

[5] "Uj qckd" Mj cp. "J c{cv'Wrcj. "Tchscv"J wuucp. "l qwuch" Mj cp. "O kudej "Wrcj "Mj cp. "O gj o cpf "Mj cp. " Cdf wiUcwct. "O vj co o cf "Ucrggo "Mj cp. "U{pyj guku. "kp'xktq'dkq/gxcnvcv'q. "cpf "o qrgewrt "f qen'kpi "uwf { "qh" vj kqugo lectdc| qpg/dcugf " kucvp ldku/Uej kh'dcug" j {dtkf " cpcni wgu" cu" gh'gevkxg" ej qrk'pugvtcug" kpj kdkqtu. "Lqwtpci'qh'O qrgewrt "Ut wewtg. "34: 6. "4245+."3575730"

#### ABSTRACT

Kucvp "4.5/f kj {f tq/4.5/f kqzq/3J /kpf qng+" cpf "ku" f gtxcvxgu" ctg" cp" ko r qtvcpv' ercuu" qh" j gvgtqe {erle" eqo r qwpf u" f wg" vj gk" cpk/hwpi cn" cpk/xkt cn" cpk/wdgtewrt. "e{vqzlekx. "cpk/lphco o cvqt {."cpk/ J KX. "cpk/J UX. "cpk/eqpxwucpv. "cpk/dcevgtkcn" cpk/o letqdkcn" cpk/qz kf cpv'r tqr gtv'gu"] 3\_0" kp' vj ku'uwf {=" vj kqectdaj {f tel kf g" l'ectdaj {f tel kf g" 2023" o qn" cpf "7/uwdukwgf "kucvp" 2023" o qn" y gtg" o kzgf "kp" 42" o N" gj cpqn" kp' vj g" r t'ugpeg" qh' 3/4" f tqr "J En" cpf "j gcvf "wpf gt" tghwz "hqt" 6/7" j 0" Vj g" uqrk" r tqf wev' uq" hqto gf "y cu" h'ngtgf. "f tkgf. "cpf "et {ucnk gf "htqo "gy cpqn" vj i kxg" (1a-e)" cu'uj qy p" kp" Uej go g30" Vj gp. " uwdukwgf "kucvp" f gtxcvxgu" 2024" o qn. "vj kqectdaj {f tel kf g" l'ectdaj {f tel kf g" 2023" o qn" kp" 42" o N" qh" gj cpqn" 3/4" f tqr "qh" j {f tqej mtle" cekf "y gtg" cf f gf "vq" kp' vj c" 322" o N" tqwpf "dqwqo "hrcun' cpf "tgc'v'q" o kzwtg" y cu" j gcvf "wpf gt" tghwz "hqt" 6/7" j 0" Vj g" uqrk" r tqf wev' uq" hqto gf "y cu" h'ngtgf. "f tkgf. "cpf "et {ucnk gf "htqo "gy cpqn" vj i kxg" (2a-d)] 4.5\_ "cu'uj qy p" kp" Hki wtg" 30"



Hki wtg" 30I gpgtcn' u{pyj guku' qh' kucvp' vj kq lectdaj {f tel qpgu' cpf "dku/kucvp' vj kq lectdaj {f tel qpgu"

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Dcugf "qp"vj ku'kphqto cvkqp."y g'j cxg'u{pyj guk gf "uqo g'pgy 'kucvku'vj kq lectdqj {f tc| qpgu'cpf ""dku'kucvku" vj kq lectdqj {f tc| qpgu' f gtxgf " hqo " 7/uwdurkwwgf " kucvku" cpf " vj kq lectdqj {f tc| kf gu' O qtgqxt." vj g" u{pyj guk gf "eqo r qwpf u'y gtg'kpxguki cvgf "d{ "cu'y gm'cu'HV/KT."3J 'P O T."35E'P O T"ur gev'tqueqr {."cpf " grgo gpvri'cpcn'uku"

**Keywords:** Uej kh'dcugu."vj kq lectdqj {f tc| qpgu."kucvku."ur gev'tqueqr le"vgej pls wgu

#### REFERENCES

]3\_'J cks'O wi nw.'O 0Ugtf ct ¥ cxwu."Vgo gmep'Dcmt.'J cucp'l' cnep."U{pyj guku."ej ctcevgtk cvkqp."s wcpwo " ej go kecn'ecrewn'vku'cpf "cpv'kz'kf cpv'ce'v'k'v' qh'pyg "dku'kucvku'ectdqj {f tc| qpg'cpf "vj kq lectdqj {f tc| qpg" f gtxcvkxgu."Lqwtpcn'qh'O qrgewrt "Utwewtg."33; 8."\*423; +." 3; /: 490'

]4\_'O 0Ugtf ct ¥ cxwu."J cucp'l' cnep.'J cks'O wi nw."Vgo gmep'Dcmt.'P qxgn'ectdqj {f tc| qpgu'kpen'f kpi '7/ uwdurkwwgf " kucvku" U{pyj guku." ej ctcevgtk cvkqp." cpf " s wcpwo /ej go kecn' uwf kgu" qp" vj g" tgrv'kpuj kr " dgwy ggp"grgetqple"cpf "cpv'kz'kf cpv'r' tqr gtv'gu."Lqwtpcn'qh'Rj {ukeu'cpf "Ej go kux { "qh'Uqrk'u."362."\*4242+." 32; 5840'

]5\_'Uj qckd'Mj cp."J c{cv'Wncj ."Tchscv'J wuuckp."[ qwuch'Mj cp."O kucj "Wncj "Mj cp."O gj o cpf "Mj cp." Cdf wiUcwet.'O vj co o cf 'Ucrggo 'Mj cp."U{pyj guku."k'xktq'dkq/gxcn'cvkqp."cpf "b qrgewrt 'f qen'kpi 'uwf { " qh" vj kqugo lectdc| qpg/dcugf " kucvku'ldku/Uej kh'dcug" j {dtkf " cpcmi wgu" cu" gh'ge'v'x'g" ej qrk'p'gungtcug" k'p'j kdkqtu."Lqwtpcn'qh'O qrgewrt "Utwewtg."34; 6."\*4245+."3575730'

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#### YOKSULLUKLA MÜCADELEDE BELEDİYELER: OSMANİYE ÖRNEĞİ MUNICIPALITIES IN STRUGGLE AGAINST POVERTY: THE EXAMPLE OF OSMANIYE

Dr. Doğan PEKER<sup>3</sup>

#### ÖZET

[ qnuwmmw'lpucpn,n'vctkj kñef ct'gunk'dkt'qri wf wt0I ĀpĀo Ā f g'f g'pgo rk'dkt'r tqdrgo "qrcp" { qnuwmmw'c' | i grk o k "xg'i grk o gmg"qrcp"Āmrgt" k+kp"curk'r tqdrgo "qrctcnñ 3/4Āro gmgf kt0Dwpwprc"dkrkmg" { qnuwmmw' i grk o k "Āmrgt" k+kp" f g'pgo rk'dkt'r tqdrgo "ne { pc ,p,"qmw wto cmcf ,t0Uqp" f'pgo rgtf g'3/4 grkmg" { gpk' pgq/rdgtcnr' qrkñcncrct. "mĀt gungng o g. "cungtk'uk' cuk' gnaqqo km'knko " f g k knk kpgf gprgtkpg'dc n,"qrctcnñ qtvc { c"±,ncp'htk' rgtf g' { qnuwmmw wp'f gtlprg o gukpg. "g kuk' rkngtk'p'ctvo cu,pc'xgukg'qm cmcf ,t0Gnppgo k' xg'r ct cucuñuĀtgeg'pgo rk'f gtgeg'f g'gmk'gf gp'gphcu { qp"VĀnk' g'f g'4242/4246" { ,mct,"ctcu,pcf c" { Āmgn' ug { tgo guk' kpucprct,p" tghcj " f Ā g { kpk' " c' cm cu,pc" pgf gp" qm w wt0' I grk'rtk'p' c' cm cu,." o cn' xg' j k' o vngt'p' "hk' c'vct,p,p" { Āmgn' guk'kg'vqr nwo "nguko rgtk'p'cno " i Āmrgt'k'f Ā Āo Ā vĀt0Dwpwprc"dc n" qrctcnñ gl cxcpcñ,hguko rgtg'dkrkmg'k rgtk'qnc' f c' f Ā Āñi grk'rk'nguko rgt'f g' { qnuwmmw wj kuvgv gmgf kt0' ©mrgt'f g'3/4pgo rk' cm3/4" qrcp" o gtnj k' { 3/4pgo rgtk'p' { cp,"u,tc" { gtn' { 3/4pgo rgt' f g' xctf ,t0' O gtnj k' { 3/4pgo rgtk'p' { gtn' vgo ukrekuk' qrctcnñ f c' dwnpf wncct, " d3/4i grgtf g' neo w' cf ,pc" 3/4pgo rk' i 3/4gxrgt" Āwrgo gmgf krtg0' [ gtn' { 3/4pgo rgtk'p'3/4pgo rk'±g krgtk'p' gp"qrcp" dgrgf k' grgt' dwnpf wncct, "d3/4i grgtf g' j cmc'3/4pgo rk'heo w' 3/4gxk'xg'j k' o gk'wpo cmcf ,t0' qnuwmmw' b Āecf grg'c±,u,pcf cp" dgrgf k' grgt'g'3/4pgo rk' i 3/4gxrgt' f Ā o gmgf kt0'Dw'±cn o cf c" pkn' { 3/4pgo "nwncp,rcctcn' Quo cpk' g' "Dgrgf k' guk'p' f g' cxcpcñ, " nguko rgt'g' { qnuwmmw' b Āecf grg'c±,u,pcf cp'pg'i kdkhcrk' g'vgt' { Ā ĀwĀ ĀpĀp'cprc ,mo cu,"xg'rkgtcvĀt'g'hcvñ" uc rpo cu,"j gf ghrgo k kt0'¥ cn o c' uqpwewpf c'±g k'rk'wqpwñct' xg'3/4pgo rgt'g' wpwwo w wt0'

**Anahtar Kelimeler:** Mco w' 3/4pgo k' "MgpvugñCrcp" [ 3/4pgo k' "Dgrgf k' grgt. [ qnuwmmw' "O Āecf grg"

#### ABSTRACT

Rqxtg'v' "ku'c'r'j gpqo gpqp"cu'qñ "cu'j wo cp'j kuqt { 0'Rqxtg'v' .y j lej "ku'ukm'cp"ko r qtvcv'r tqdrgo "vqf c' . " ku' uggp" cu' c' r tko ct { " r tqdrgo " hqt" wpf gtf gxgnr gf " cpf " f gxgnr kpi " eqwv'k'gu' J qy gxgt. " r qxtg'v' " eqpukwgu'cp'ko r qtvcv'uqwtg'qh'r tqdrgo u'kp'f gxgnr gf "eqwv'k'gu'0'k' t'gegpv'ko gu. "gur gekcm' "y j g'et'k'gu" vj cv'j cxg'go gti gf "f w'g'v' pgy "pgq/rdgtcnr' qrk'kgu. "i mdcrk' cvk'p. "o k'k'ct { . " r r'rk'kecn'geqpgo ke. "cpf" erko cv'g'ej cpi g'j cxg'ecwugf " r qxtg'v' "v' f ggr gp"cpf "k'p'gs wcrk'kgu"v' "k'p'et'g'cu'0' k'p'hr'cvk'p. "y j lej "j cu'c" uki p'k'kecpv'ko r cev'q'p'v' g'geqpgo { "cpf" o qpgvct { " r tqegu. "tgo c'k'p'gf "j ki j "k'p'Vwng { "dgw ggp"4242"cpf" 4246."ecwupi "r gqr ng'u'y grhctg'rgxgn'u'v' f get'g'cu'0'F get'g'cu'k'pi "k'p'eqo gu'cpf "k'p'et'g'cu'k'pi "r t'kgu'qh'i' q'qf u' cpf "ugt'x'kgu'j cxg't'gf weg'f "v' g'r w'ej cu'k'pi "r qy gt'qh'ugi o gpw'qh'u'qek'v' 0'Ceet'f k'pi n'f . "gxgp"v' qwi j "v' g' { " j cxg'lqdu'v'qi gv' gt'y kj "f k'ucf xcpvci gf "ugi o gpw. "ny /k'p'eqo g'ugi o gpw'cnuq' h'ggñr' q'xgt'v' 0'

k'p'cf f k'k'p'v'q'egp'v'cnñ q'xgt'po gpw. "cpf" ko r qtvcv'cev'qtu'k'p'eqwv'k'gu. "v' g'g'ct'g'cnuq' h'ecñi' q'xgt'po gpw'0' Cu'h'ecñit'g' t'gug'p'v'k'gu'qh'egp'v'cnñ q'xgt'po gpw. "v' g' { "w'pf g'v'cng'ko r qtvcv'f w'kgu'q'p'd'g'i cñ'h'v'g' r' wdrle" k'p'v' g'tgi k'p'u'y j g'g'v'j g' { "ct'g'h'ecv'gf 0'0' w'p'ekr c'rk'kgu. "y j lej "ct'g'ko r qtvcv'v'f r gu'qh'h'ecñi' q'xgt'po gpw. " r tqxk'f g'ko r qtvcv'v' r wdrle" f w'kgu'cpf "ugt'x'kgu"v' "v' g' r wdrle" k'p'v' g'tgi k'p'u'y j g'g'v'j g' { "ct'g'h'ecv'gf 0' O w'p'ekr c'rk'kgu'j cxg'ko r qtvcv'v'f w'kgu'k'p'v' g'h'i j v'ci c'k'p'u'v' r q'xgt'v' 0'Vj ku'uwf { "c'ko u'v'w'pf g'tunc'p'f "y j cv' n'k'p'f "qh'cev'k'k'kgu'Quo cpk' g' "O w'p'ekr c'rk' { "ect'k'gu'q'w'v'q'eqo dc'v' r q'xgt'v' "h'qt' f k'ucf xcpvci gf "i tqw u'cpf "v'q" eqp'v'k'dw'g'v' "v' g'rk'gt'c'w'g'd' { "v'ul'pi "s w'rk'c'v'xg'o gv' qf u'0'Cu'c' t'g'uwm'qh'v' g'uwf { . "xct'k'w'u'eqpen'w'k'p'u" cpf "t'geqo o gp'f cv'k'p'u'y g'g'r t'gug'p'v'f 0'

**Keywords:** 'Rwdrle' C'f o k'p'k'v'cv'k'p. "Wdcp' C't'g'c' O c'pci go gpv. "O w'p'ekr c'rk'kgu. "Ut wi i ng'Ci c'k'p'u'v' Rqxtg'v' "

<sup>3</sup>O kn'G kko "Denrpn ,."QTEKF <2222/2223/: 424/3; 24. "fqi cpr gngta53B j qvo cñt'eqo ""275; 4; 27749"





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ko r ngo gpygf "kp" yj g" r wdrl" gf wecvkp" egpygt" f kgevqtcygu" chhkcvgf " y kj " yj g" O kpkum { "qh" P cvkqpcn' Gf wecvkp" cpf " yj g" F kgevqtcygu" I gpgtcnlht " Nkgmpu " Ngctpkpi O'Vj ku'uwf { "clo u'vq" gxcnvcg" yj g" ghgevu'qh" r wdrl" gf wecvkp" egpygt" r tqi tco u'qp" r wdrl" qlhlekcu. " y j q" ctg" cv'cp" ko r qtcpv' r qkpv' k' r tqxkf kpi " r wdrl" ugtxlegu. " nggr kpi " wr " y kj " yj g" vko gu. " o cnkpi " r tqi tguu" k' yj gk " hgrf u'qh" gzr gt vug. " cpf " kpetgcukpi " yj gk" o qkxcvqp. " cpf " gzco kpgu" yj go " k' vgtu u'qh" r kgmpu " r gctpkpi " cpf " j wo cp" tguqwtegu" o cpci go gpy O'Cu'c" tguwn'qh' yj g'uwf { . " xctkqu' ukwevqpu" cpf " uwi i guvqpu' y gtg' r t gupvgf O'

**Keywords:** 'Rwdrl' Cfo kpkumcvkp. " J wo cp' Ecr ken 'Rwdrl' Gf wecvkp' Egpygt' Rtqi tco u. "

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#### SAVUNMANIN EKONOMİSİ: SANUNMA SANAYİİ SEKTÖRÜNDE ÖMÜR DEVRİ MALİYET ANALİZİNİN STRATEJİK ÖNEMİ THE ECONOMICS OF DEFENSE: THE STRATEGIC IMPORTANCE OF LIFE-CYCLE COST ANALYSIS IN THE DEFENSE INDUSTRY

Burak KEPME

MQNWO CP'QVQO QV X'GPF©WT 'C "

QTEK 'KF <222; /2224/2678/4: : Z"

#### ÖZET

Ucxwpo c'Ucpc {kk=f, 'wpuwtntc'net , 'dk'Ängplp'i Äxgprk lpk'uc mo cmko ce, {re"±qmf kuk rlpk'heto c ,ni xg" { Ämugnl' cirk' gvrk'cungtk'ükrcj 'ukugo rgtlplp'i grk vktkf k k'xg'Ägvrk k k'dkt 'ugm'Äf Ät0Dw'ugm'Ä. " { Ämugnl' vgnpqmlk'i gt gmktp' dkt' cncp' qnr " { gplk'k'Ä±Ä Äo rgt' i grk vkt o g {k' | qtwpnw'mro cp,p' { cp,pf c' i grk vktk'gp' xg'Ät'gvrp'ukugo rgtlplp'Ä Ä' f gxtk'dq { wpc' f guvgmgpgdkrtrk lplp'dÄ { Äm'Äpgo 'ct' | 'gwk k'dkt'ugm'Äf Ät0"

Ucxwpo c'ucpc {kk'ugm'ÄÄpf g'i grk vktk'gp' xg' c'Ät'gvrp'ukugo rgtlplp'gvnrprk k'vgnpkn'Ä grknmgtk'hcf ct'w' wp' Äo ÄnÄ" uÄf ÄÄgdkt' xg' f guvgmgpgdkrtrk" qro cu, "kr" uc rpedkro gmgf kt0 Dw' gvrk'k' uc r {cdk'gp' ukugo kp' qtw' c' ±,net, rcdkro guk' f cj c' vcut, o " c co cu, pf c' k'gp' Äo Ät' f gxtk' o cirk' gvrtp'kp' vj o kp' gf kro guk' cprk' lplp' {cr, mo cu, "xg' dw' o cirk' gvrtp'kp' f q tw' dk' grkrf g' m { o gvrp' k' kro guk' kr' o Äo mÄp' qro cmcf , t0' Dw' ncr uco f c' " o Ät' F gxtk' O cirk' gv' Cprk' k' \* F O C ± " ukugo rgtlplp' o cirk' gvrtp'kp' f q tw' qrtcm'vcj o kp' gf kro guk' k' uc r { cp' ntk'k'ndkt' ctc ± qrtcm'Äp' r rpe' ±, no cmcf , t0'

O cirk' gv'cprk' k' dc rpi , ± { cv, t, o rct, 'kr' dkrk' mg' kf co g' ö' k rgo g' xg' grf gp' ±, neto c' o cirk' gvrtp'kp' gucde' n'vcp' dÄÄpeÄridkt' {cmc , o 'kr' f cj c' dc ct, n' f cj c' i Äxgprk' qro cmcf , t0' ÄpÄo Ä' f g' i grf k lo k' 'pqmcf c' ct'vcp' t'gnedgv' xg' gnu'pgo kni mu, vct. " ukugo rgtlplp' f cj c' f c' neto c , ni' xg' ±qmf kuk rlpk' dk' " j cn' cm cu, " ugdgdk' r' o cirk' gv' vj o kp' gf kro guk' cprk' lplp' {cr, mo cu, p, f cj c' f c' | qtrc o , v, t0'

Cngt'pck'i' vgf ctk' m'krtp. " Ät'gvrtp. " ÄÄp'rtkp' f g grtp' k' kro guk' xg' vqr mo " o cirk' gv' c | cn, mo cu, " F O C öp, p' dc nec' excp'vclrt, "ctcu, pf c' {gt' cm cmc {ngp. " F O C" gupcu, pf c' k' k' j c | , t' rpo co , " xgtk' vcdcp. " {cpn, " xg' c' {cpn, vj o lprgt' cprk' lplp' i Äxgprk' rtrk lplp' uctucdkf k k' i kdk' netct' xgt'krtp' k' f g' {cpn, " {Äp'rgpf k' gdko gmgf kt0' rncrco c. " Cprk' " xg' | rgo g' qm cniÄ' gt' g' vgo grf g' Ä±' c co cf cp' qnw cp' " F O C. " j gt' c co cf c' vkk' rkmg' { ÄÄÄro guk' i gt' gmp' dkt' uÄt' g±vt0'

©mgo k' f g' " F O C öp, p' Äpgo k' i Äp' i g±vkn±g' f cj c' f c' k' k' cprc , mo cmc' qnr " {gp' k' dc rrv, rccn' r' tqlgrt' f g' ki k' k' ÄÄ' rgo o' g' o' cf f grtp' kp' g' " F O C 'kr' ki k' k' vuvurt, p' {gt' cm cu, " {cr, rccn' ±cn, o cmt, p' f cj c' vkk' 'xg' f gv' {n' qro cu, pc' n'vni' uc r {cecm, t0' DÄ'Ä rkrmg' i grgegnygnk' o cirk' gv' dgrtk' uk' rknmgtlpg' net , " f cj c' j c | , t' qro co , | " o Äo mÄp' qrtccm, t0'

**Anahtar Kelimeler:** " o Ät' F gxtk' O cirk' gv' Cprk' k' Ucxwpo c' Ucpc {kk' F guvgmgpgdkrtrk' O cirk' gv' [ Äp'gvko k'

#### ABSTRACT

Vj g' f ghgug' lpf wut { 'ku' c' b' vnk' cegvf "cpf' eqo r rnz' ugevq' f gf lecvf 'v' y' g' f gxgnr o gp' vcp' r' tqf wevkp' qh' j ki j /equv' b' k' rct { 'y' gcr qp' u' { ugo u. " cko gf 'cv' gpuwt' lpi 'c' pcv' qp' u' u' g' ewt' k' 'ci' ckpu' v' z' vgt' pcr' v' j' t' gcu' Vj' ku' hgn' f' go cpf u' cf xcp' egf 'v' g' j' pqmi { " cpf' lppqxcv' qp. " y' j' kr' cnu' q' go r j' cuk' lpi " y' g' et' k' c' n' l' o r' qt' v' peg' qh' uwr r' qt' v' d' k' r' v' j' tqw' j' qw' v' j' g' h' g' e' { eng' qh' v' j' g' u' { ugo u' f' gxgnr gf 'cpf' r' tqf wegf 0'

Vj g' ghg' v' x' g' p' gu' qh' u' { ugo u' l' p' y' g' f ghgug' lpf wut { 't' r' ku' p' qv' q' p' n' q' p' v' j' g' t' v' g' e' j' p' l' e' c' n' l' r' g' e' k' h' e' c' v' k' p' u' d' w' cnu' q' p' v' j' g' t' m' p' i' g' x' k' v' . " u' u' v' c' k' p' e' d' k' r' k' v' . " cpf' " uwr r' qt' v' d' k' r' k' v' 0' V' q' c' e' j' k' x' g' u' e' j' " ghg' v' x' g' p' gu. " k' / ku' guugp' v' c' n'

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vq'r tgf kev'cpf "cpcn| g'hdge{ eng'equu'ceewtcvgn' 'ltqo 'yj g'f guki p'r j cug'qpy ctf 0'k'vj ku'eqpvzv.'Nhdge{ eng' Equv'Cpcn| uku'NEC+'go gti gu'cu'c'etwekri'vqni'ht' 'yj g'r tgekug'guko cvkqp'qh'u{ uvo 'equu0

Equv'cpcn| uku.'y j lej "eqpuk'gtu'kpkkn'kpxguo gpvu'cngpi ukf g'o clpvpcpeg."qr gtcv'kpcn'cpf "f kur qucn' gzi gpugu."dgeo gu'o qtg'uweeguuhwi'cpf "tgrkcdng'y j gp'cr r tqcej gf "j qriwkecm{ 0'k'v'qf c{ au'eqo r gvkkg' rcpf uecr g.'geppqo le'eqputckpw.'cpf "yj g'kpetgculpi 'eqo r ngzkv' 'cpf 'o wnkf kuer r'pct { 'pcwtg'qh'u{ uvo u." yj g'guko cvkqp'cpf "cpcn| uku'qh'equu'j cxg'dgeo g'kpetgculpi n' "ej cngpi kpi 0'

Co qpi "yj g'r tko ct { 'cf xcpvi gu'qh'NEC'ctg'yj g'gxcn'cvkqp'qh'cngtpe'v'g'uw r r'ktu'cpf "o cpwcewtgtu." cu'y gni'cu'yj g'tgf wekqp'qh'qxgtcni'equu0J qy gxgt."r qatn{ 'r tgr ctgf "f cvdcugu'cpf "gttqpgqu'qt"dkugf " guko cvgu'f wt'kpi "yj g'NEC'ecp'wpf gto kpg'yj g'tgrkcdk'v' "qh'yj g'cpcn| uku'cpf "o kurgf "f gekkqp/o cngtu0' Eqo r tkulpi "yj tgg'hwf co gpwn'uci gu0 R'c'p'kpi ."Cpcn| uku."cpf "O qpkqt'kpi 0' NEC"ku'c'o g'kewqu' r tqegu'yj cv'o wu'dg'eqpf wevf 'y kj "ectg'cv'gcej 'u'gr 0'

k'qwt'eqpvt { . 'yj g'uki p'k'kepeg'qh'NEC'ku'dgeo kpi "kpetgculpi n' "tgeqi pk' gf 0'Vj g'kpenukqp'qh'NEC/ tgr'v'gf "erwugu'k' "eqpvt'cev'u'ht' "pgy "r tq'geu'y kn'eqpvt'kdwg'v'q"o qtg'tki qtqwu'cpf "f gvckngf "gh'ht'u0' Eqpugs wgpw' . 'y g'y kn'dg'dgwt'r tgr ctgf 'ht'hw'wt'g'equv'wpegt'ckp'v'ku0'

**Keywords:** Nhdge{ eng'Equv'Cpcn| uku.'F g'hpug'k'f wut { . 'Uw r qt'v'cdk'v' . 'Equv'O cpci go gpv'

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#### INNOVATIVE RECYCLING METHODS FOR FIBER-REINFORCED COMPOSITES

*Nishant K. Singh<sup>1</sup>, Virendar Kumar<sup>1</sup>, Rajesh K. Verma<sup>1</sup>*

<sup>3</sup>F gr ct wo gpv'qh'O gej cpkecn'Gpi kpggtkpi . "J ct eqwt v'Dwrgt 'Vgej pkecn'Wpkxgt ukv' . Mcpr wt "kpf kc +"

#### ABSTRACT

Vj g'y kf gur tgc f "wug"qh'hdgt/tgkphqtegf "eqo r qukgu."r ct vewrtn' "i rnuu"cpf "ectdqp"hdgt. "k'k'p' wutkgu" uwej "cu"cgqrur ceg. "cwqo qvkg. "cpf "eqputvewkq"j cu"etgcvgf "uki pkecpv'gpxkqpo gpcn'cpf "geqpqo le" ej cmgpi gu"fwg"v'j g"o cvgtkcn)"f wtcdk'k' "cpf "tgukucpeg"v'f gi tcf cvkq'0Vtcf k'k'p'cn'f kur qucn'o gj qf u." rkg'rcpf h'k'k'pi "qt'k'p'k'p'gtcvkq. "wpf gto k'p'g'ektewrct"geqpqo { "qdlgevkgu"cpf "h'k'k'v' "tgeqxtg'xcn'cdng'tcy " o cvgtkcn'0 Vj ku"uwf { "gzr nqtgu" go gti kpi "tge{erki "vgej pls wgu' ur gek'k'ecm' "ej go kecn" vj gto cn" cpf " o gej cpkecn'r tqeguugu' vj cv'cko "v'cf f tguu'v'j gug'ej cmgpi gu'd { "gpcdrki "gh'k'k'p'v'tgeqxtg { "cpf "tgwug'qh' hdgt/tgkphqtegf "eqo r qukgu'0Gcej 'o gj qf 'ku'gxcn'cv'gf 'h'q' 'ku'gh'gevkg'gpguu'k'p'o c'p'v'ck'p'k'pi 'hdgt's wcrk'v' . " gpxkqpo gpcn' ko r cev." gpgti { "eqpuwo r v'k'p." cpf " geqpqo le" h'g'cuk'k'k'v' { '0' C f f k'k'p'cm' . " vj ku" t'gugctej " cuuguu'v'j g'r qv'p'v'cn'ht'uecn'pi "v'j gug'v'gej pls wgu'v'q'o gg'v'k'p'f wutk'cn'f go cpf u'cpf "uwr r qt'v'c'emugf/nqr " uwr r n' "ej ck'p'0'D { "k'p'x'g'v'ki cvk'pi " vj gug"cf x'c'pegf "tge{erki " r tqeguugu." vj ku"uwf { "j k'j r'ki j u" r t'cev'kecn' r cvj y c { u'v'qy ctf "uw'v'ck'p'cdng"eqo r qukg'r tqf vewkq"cpf "r tqxk'f gu'tgeqo o gpf cvk'qpu'ht'c'ri k'p'k'pi "hdgt/ tgkphqtegf "eqo r qukg'o cpw'hcw'wtk'pi "y k'j "ektewrct"geqpqo { "r tk'pek'rgu'0'

**Keywords:** 'Eqo r qukg. 'Tgkphqtego gpv. 'Gpxkqpo gpcn' 'Eqo r qukg'o cpw'hcw'wtk'pi . 'Tge{erki . 'Ektewrct' geqpqo {0'

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#### PEM YÜKSEK BASINÇLI ELEKTROLİZÖRDEN ÜRETİLEN HİDROJEN İÇİN YAKIT TANKI TASARIMI VE ANALİZİ DESIGN AND ANALYSIS OF HYDROGEN PRODUCED FROM PEM HIGH PRESSURE ELECTROLYZER

Ebubekir TUNCAY<sup>1</sup>

<sup>3</sup>©pxcp. "Gt ekf gu"©pkxgt ukvguk "Hgp'Drko rgt k'GpıvkaAuÃ. 'Gpgt lk'Ukwo rgt k'O Aj gpf kurk k 'Mc {ugt k" VÃtnkğO'

<sup>3</sup>QTEKF "KF <j wru<lqt ekf Qti D222;/2224/2977/: 678"

Nesrin KAYATAŞ DEMİR<sup>2</sup>

<sup>4</sup>Rt qfFtO'Gt ekf gu"©pkxgt ukvguk "Hgp'Drko rgt k'GpıvkaAuÃ. 'Gpgt lk'Ukwo rgt k'O Aj gpf kurk k 'Mc {ugt k" VÃtnkğO'

<sup>4</sup>QTEKF "KF <j wru<lqt ekf Qti D222/2223/:: 85/: ; 33"

#### ÖZET

Uqp" { ,mctf c. "pÃhu'ctv, "xg'hquki'vdcpn" { cmvrt, p"vÃngpo gukf rg'dk rkmg" f Ãp { c"±cr ,pf c"gpgtlk'kj vkt ce, " uÃtgnk'ctvo cmcf ,tO'P Ãhu'ctv ,p,p'dgtcdgtlpf g'i gvkf k k'gpgtlk'vrgd'lpk'hquki' { cmvrtf cp'net ,npo cu, " knko "f g k knk k "ugtc"i c| , "go ku qprct, "xg'cuk" { c o w w'i kdk'ugt vprctc" { qn'c±o cmcf ,tO'Hquki' { cmvrt, p" mwrp, o , "uqpwewqt v { c"±, ncp'qnwo uwj 'gvnkt 'pgf gpk' rg'cnvtpcvh'gpgtlk'ne { pcmct, pc'i g±k 'dc rco , v tO' J kf tqlgp" { Ãnugn'gpgtlk' { q wnw wpc'ucj kr 'vgo k 'dk'gpgtlk'v , { ,e, u, f, tO' w'cpf c"j kf tqlgp" mwrp, o , p, p" 3/pÃpf gnk'gp" dÃ{ Ãn'gpi gn" f gr qro c" xg" v , o c" vgnpqmlkgtlpf gnk' { gvgtk rkmkO'J kf tqlgp" f gr qro c" vgnpqmlk' nko { cucn'f gr qro c. "i c| "f gr qro c" xg" u, x, "f gr qro c" qrtcm'5" cpe" ncvgi qtk'g" c { t, m cmcf , tO' U, x, "j kf tqlgp" f gr qro c" J 4"i c| , p, p"nc { pco c"pqmcp, p, p"cn, pf c"dk" u, ecn, c"uq wwf w w'dk" j kf tqlgp" f gr qro c" vgnpqmlk' k tO'U, x, "j kf tqlgp. "i c| "j kf tqlgp" { Ãnugn'dcu, p±" cn, pf c" \*62/72" Dct+" u, m v t, nr " uq wwrp cu, { r" g'f g" g'f kktO' Dw" ±cn, o cf c. " { Ãnugn'dcu, p±n" RGO " grgm'qrk 3/4f gp" 52/62" dct" dcu, p±" ctn , pf c" Ãtgvrgp"i c| "j kf tqlgp" u, x, r v t, m cu, "xg" u, x, "j kf tqlgp" { cmv'vcpmp, p" vcut, o , "kg" cpcrk' k i gt±gmğ vktkrgegmktO'±cn, o cf c" { cr, rcp, u, x, "j kf tqlgp" { cmv'vcpm'vcut, o , "kg" kpucpu, | "j cxc"ctc±ct, p, p" w±w "uÃguk'xg'rc { f cn" { Ãn'v , o c"ner cukguklp'ctv t, m cu, "j gf ghrgp k vktOC { t, ec. " { Ãnugn'dcu, p±n" RGO " grgm'qrk 3/4" mwrp, o , { r. "i c| "j c'rkpf gnk" j kf tqlgp" u, x, r v t, m cu, "k±p" i gtgnk' qrcp" dcu, p±rcp, to c" o crk' gvgtklpk' qvcp' ncrf , t, m cu, "r rcp' ncpo cmcf , tO'±cn, o c" ner uco , pf c. "60" mY "RGO" { cmv'r k'kg" ucj kr 'kpucpu, | "j cxc"ctce, p, p'gpgtlk'kj vkt ce, p, net , rco cnko ce, { r' u, x, "j kf tqlgp" vcpmp, p" Ã±dq { wwf ECF " o qf gk' CWWQF GUM'K XGP VQT" { c| , no , pf c" qnw wtw w wtO'Vcuctrcp' u, x, "j kf tqlgp" { cmv'vcpmp, p" i 3/4f gulpf g" r curpo c| " ±gkni' 538" o cñ go g" mwrp, m , v tO' [ cn, v, o , pf c" kug" ±qni' nvo cpn" ntk' qlgkni' { cn, v, o " o cñ go guk'ug±ko k vktO'Vcpmp" r gthto cpu, p, "ctv, to cn'co ce, { r" f guvni' o cñ go grgtlpf g" vto cñ' kgyko "nevuc { , u" f k gt" { cr, ucni' o cñ go grgt g" qtcprc" ±qni'f c j c" f Ã Ãn'qrcp" ntk' qlgkni' gr qm'k' rco kpcu { qp" o cñ go grgt "vgtelj "gf ko k vktO'Vcuct, o , "i gt±gmğ vktkrp" u, x, "j kf tqlgp" { cmv'vcpmp, p" { cr, ucni' netctnn , p, " xg" o gnepkni' gthto cpu, p, "i 3/4 ngo ngo gni'k±p" O UE "PCUVTCP" { c| , no , pf c" uqpw'rgo cprct" { 3/pgvko k' mwrp, rcten' { cr, ucni' cpcrk' " i gt±gmğ vktko k vktO' Vcpmp" o gnepkni' { cr, u, p, p" i Åxgrik' dk" gnkf g" vcutrcp, , p, " xg" ±cn, o c" ctvct, pf c" k'k' dk" r gthto cpu" ugti krgf k k'p' i 3/4vgo gni' co ce, { r. " cpcrk' " uqpw±ct, pf c" g'f g' g'f kgegnl' g'kko "f g g'ngtklpk' .vcpni'vcut, o , pf c" mwrp, rcten' { cr, ucni' o cñ go gpk'cno c" xg" ±gnö g" f c { cp, o , p" cn, pf c" qm cu, "j gf ghrgp k vktO'C { t, ec" u, x, "j kf tqlgp" vcpmp, p" { cmv'r gthto cpu, p, " dgrikgo gni' co ce, { r" vto cñ' cpcrk' rgt" i gt±gmğ vktko k vktO' Vcpni' Ã g'lpf gnk' u, ecn, ni' f c , no , p, " i 3/4 ngo ngo gni'k±p" CP U| U" { c| , no , "k±gtkulpf g" { gt'crp' ucdk' f vto "vto cñ' cpcrk' " o qf Ãn' mwrp, rcten' vto cñ' cpcrk' "i gt±gmğ vktko k vktO' U, x, "j kf tqlgp" vcpmp, p" f , " qvco f cp" o ctv' " nercec , , u, "kg" vcpni' k±gtkulpf g" u, ecn, ni' xg" dcu, p±" ctv , " f g g'ngtk" O CVNCD" { c| , no , " mwrp, rcten' j gucr ncpo , v tO'



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tgrkcdrg"r gthqto cpeg"wpf gt"qr gtcvki "eqpf kkpqu0Cu"t guwn"qh"vj gto cn'cpcn{uku."k'y cu"qdugtugf "vj cv' vj g'r tguuwtg'kpetgcug'kp"vj g'vcpmly cu"205: "dct'r gt"j qwt"cpf "vj g'r tguuwtg'kp"vj g'vcpmlyzeggf gf "32"dct"cv' vj g'gpf "qh'46"j qwtu0K'y cu"qdugtugf "vj cv'vj g'vgo r gtcwtg'qh'vj g'hs wkf "j { f tqi gp'kp"vj g'vcpmlykpetgcugf "d{ " 2069"Mr gt"j qwt"fvq"vj g'j gcv'eqo kpi "Itqo "vj g'gzvgtpcn'gpxktqpo gpv\*4; : "M0K'y cu'eqpenmf gf "vj cv' vj g'vgo r gtcwtg'qh'vj g'hs wkf "j { f tqi gp'kp"vj g'vcpmlykpetgcugf "Itqo "42"Mr"5305"Mc'vj g'gpf "qh'46"j qwtu0'

**Keywords:** Nks wkf "J { f tqi gp"Uqtci g."Et{qi gple"kpawrcvqp."J ki j "Rtguuwtg"RGO "Grgextqn{| gt.

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#### ADAPTIVE AUTOMATIC GREASING SYSTEMS FOR MILITARY VEHICLES IN HARSH ENVIRONMENTS

Mehmet YAVUZ<sup>1</sup>

<sup>3</sup>Uwgo 'W/o cp., 'Mqmw cp'Qvqo qvxx'Gpf Ämt'k'CO' 0'O gt ukp. 'VÄtnk'gO'

<sup>3</sup>QTEK'K' <j wru<llqtel'f Qti 1222; /2228/6; 4; /7: 8: "

#### ABSTRACT

Vj g"cwqo ckle"i tgcukpi "u{ uogo "CI U"tgr tguqpu"u"uki phlecpv'cf xcego gpv"kp"o ckwckkpi "o kkkct {" xgj lengu"j cv"qr gtcvg"kp"ej cmgpi kpi "vgttckpu'F guki pgf "vq"cf f tguu"vj g"ur gekkle"nwdtleckvqp"pggf u"qh" xgj lengu"kp"f kxgtug"gpvktqpo gpw"tcpi kpi "htqo "f guqv'ucpf "vq"ke {"vgttckp'CI U"r tqxkf gu"tgrkcdrg." cwqppo qwu"nwdtleckvqp"htq"j ctf "vq"tgcej "ctgcu"y j lej "ctg"qhgpp"pgi rgevgf "kp"o cpwcn'i tgcukpi "tqwkpgu' Wkk' kpi "c"eqo dlpcvqp"qh"eqo r qpgpw"uwej "cu"cp"grgevtqple"ko gt."ct"wdgu."tgi wrcvqtu."f qukpi "wpku" cpf "i tgcug"pk r rgu'CI U" gpuwtgu" gcej "nwdtleckvqp"r qkv'tgegkxgu"cf gs wcvg"i tgcug"dcugf "qp"r t g/ugv' kvgtxcnu'Vj ku"hwpevkqpcrk {"ku"etwelcn'kp"o kkkct {"r tqlgew"y j gtg"xgj leng"eqphki wcvkqpu"xct {"y kf gn {" cetquu'r tqvq'r gu'cpf "tgs wkg"cf cr vcdrg"o ckwgpcpeg"uqnvkqpu"vq"o gg'v'wpls wg'eqo r qpgpv'f go cpf u'0

Wprkng'ekkkkcp"u{ uogo u'y j lej "v' r lecm' "ugtxleg"lucvqcpct {"o cej kpgt {"qt'uko r rgt"eqphki wcvkqpu."vj g'CI U" ku"ur gekklecm' "gpi kpggtgf "htq"o kkkct {" xgj lengu" wpf gt" gzvtgo g" gpvktqpo gpvci' ut guu' Vj g" u{ uogo " qr ko k' gu"nwdtleckvqp"dcugf "qp"kp' kkkf wcn'eqo r qpgpv'pggf u'y j lej "gzvgpf u'y g"qr gtcvqpcn'rhgur cp"qh" etklecn'r ctu."tgf wegu'y gct'cpf "hqy"gtu'o ckwgpcpeg'htgs wgpe {"OO qtgqxtg."vj g'CI U"ku'dwku"vq"y kj uvcpf " vgo r gtcwtg"gzvtgo gu."r tguuwtg"hwewcvkqpu"cpf "qr gtcvqpcn'uj qemu"y j lej "ctg"eqo o qp"kp"o kkkct {" gpvktqpo gpv'Vj ku"u{ uogo "cwqo cklecm' "cf lwuu"i tgcug'htgs wgpe {"cpf "xqmw g'kp"tgur qpug"vq"ej cpi kpi " vgttckp"cpf "utguu"rgxgn."o cmkpi "k'kf gen'htq"tgf wvki "o ckwgpcpeg"dwf gpu"cpf "ko r tqxkpi "xgj leng" tgrkcdk' "kp"fkxgtug."j ki j "f go cpf "begpctku'Vj ku'r cr gt"eqpf wew'c'eqo r ctcvkg'cpcn' uku'dgy ggp'CI U" cpf "uko kkt"i tgcukpi "u{ uogo u."j ki j rki j vki "CI U"qr gtcvqpcn'cf xcpvci gu"cpf "vj g"cf cr wdkk' "vj cv" o cngu'k'c"uw'gtkqt'ej qlcg'htq"o kkkct {"cr r nlecvkqpu'0

**Keywords:** I tgcukpi . 'K'pkkqp.'Gpvktqpo gpvci'Eqpf kkkqpu."Vko gt'0

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f gr rgygf 'f wg'vq'y tqpi 'r tcevegu'cpf 'wkrucvqp0Uwucvpcdkrkv{ 'qh'rkq'ku'f ktgevn{ 'rkpnrf 'vq'uwucvpcdkrkv{ 'kp'ci tlewnwtg0Eqpuekwu'r tqf wegt 'cpf 'equpuo gt 'qti cpkucvqpu'j cxg'go gti gf . 'gur gekm{ 'kp'f gxnqr gf " eqwptlgu. 'cnkpi 'kp'vq'ceeqwpv'y g'pgi cvkxg'ghgevu'qh'ci tlewnwtcn'o gyj qf u'qp'rkxkpi 'qti cpkuo u'cpf 'vj g' gpxktqpo gp0Vj g'go gti gpeg'qh'eqpuekwu'r tqf wegtu'y j q'tgcnkug'vj cv'vj g'tguqwtegu'wugf 'kp'ci tlewnwtcn' r tqf wevkap"ctg"pqv'wprko kqf "cpf "ctg'f gr rgygf "cu'c'tguwn'qh'y tqpi 'r tcevegu=cpf "vj g'kpetgcug"kp'vj g' f go cpf 'hqt'pcwtcn'r tqf weu'd{ 'eqpuekwu'equpuo gtu'y kj 'j genj 'cpf 'gpxktqpo gpv'neqpegtpu'f wg'vq'vj g' kpetgcug" kp' vj g' rnxgn' qh' gf wevkap" cpf "kpeqo g' qh' vj g' r qr wcvkap. "j cxg" tggxgnf " vj g' pgeguukv{ " qh' ci tlewnwtcn'r tqf wevkap'y kj 'pcwtcn'o gyj qf u'vj cv'f q'pqv'j cto "vj g'gpxktqpo gpv'cpf "j wo cp'j genj 0Vj g' r tqf wevkap"o gyj qf "vj cv'y km'o ggv'vj gug'f go cpf u'cpf "gpwtg'vj g'tg/guvcdrkuj o gpv'qh'vj g'f gvgtkqtcvgf " geqni kcn' dcrpeg" ku" ecmgf " Qti cple" Ci tlewnwtg0 Vj g" cko " qh' vj ku" uwf { " ku" vq" tggxgn' vj g' tgegpv' f gxnqr o gpw'kp'qti cple"etqr "r tqf wevkap"kp'Vwtng{ "cpf "kp'vj g'y qtrf 0'Ceeqf kpi "vq"vj g'ucvku'ku'qh' Qti cple" Ci tlewnwtg" Tgugctej "kpvkwwg" \*HKN: "cu'qh'4244. "qti cple"ci tlewnwtg"ku'ectkqf "qwd{ "60" o krikp"r tqf wegtu'qp"; 8"o krikp"j gevctgu"kp"3: : "eqwptlgu"kp'vj g'y qtrf 0'Qpn "4"r gt'egpv'qh'vj g'vqcn' ci tlewnwtcn'rcpf 'kp'vj g'y qtrf 'cpf "307"r gt'egpv'kp'Vwtng{ 'ku'v'f gt'qti cple"ci tlewnwtg0kp'qwt'eqwpt { . 'vj g' pwo dgt"qh'qti cple"r tqf weu'kpetgcugf "Itqo "372"kp"4224"vq"48: "kp"4244. "vj g'pwo dgt"qh'hto gtu'itqo " 34064: "vq"660 49. "vj g'vqcn'r tqf wevkap"ctgc'itqo " : 0 49"j c"vq"53207: 6"j c. "cpf "vj g'r tqf wevkap"co qwpv' Itqo "5320847"vppgu"vq"308220 7: "vppgu0Vj gug'f gxnqr o gpw'uj qy "vj cv'qti cple"etqr "r tqf wevkap"ku' dgeqo kpi 'y kf gur tgc'f "dqj 'kp'vj g'y qtrf 'cpf 'kp'Vwtng{ 0"

**Keywords:** 'Qti cple' r tqf wevkap. 'etqr 'r tqf wevkap. 'Vwtng{ . 'Y qtrf 0'

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#### MERSİN'DEKİ KADIN KOOPERATİFLERİNİN FAALİYET ALANLARI VE YEREL EKONOMİYE KATKILARI FIELDS OF ACTIVITY OF WOMEN'S CO-OPERATIVES IN MERSIN AND THEIR CONTRIBUTION TO THE LOCAL ECONOMY

İnci KIRAT<sup>1</sup>

<sup>3</sup> [ *ĀnuḡniNkucpu* ¼ t gpekuk 'Quo cpkġ g' Mqt mw' Cvc 'Āpkxgt ukxguk 'Nkucpu Āu Ā' G kko 'Gpuk Āu Ā' 'Qt i cpkn' Vct, o " rgvo gelk k' Cpcdkto 'F cn, 'Quo cpkġ g. VĀtnkġ gO'

<sup>3</sup> QTEK 'KF < j wru- lqt ekġ Qti D222/2225/64; 5/3: 72"

Nermin BAHŞI<sup>2\*</sup>

<sup>4</sup> F q ± F t 0' Quo cpkġ g' Mqt mw' Cvc 'Āpkxgt ukxguk 'Mcf k rk' Wġ i wr o cn, 'Dko rgt 'Hcn Ānguk 'Qt i cpkn Vct, o " rgvo gelk k' D ¼ Āo Ā 'Quo cpkġ g. VĀtnkġ gO'

<sup>4</sup> QTEK 'KF < j wru- lqt ekġ Qti D222/2225/3852/9942"

#### ÖZET

Mcf ,p" nqqr gtcvkhgtk" nef ,prct,p" gnupqo km" uqu{cn' xg" mĀmĀ gn' kj vġ c±rct, "krġ" gnupqo kn' hccrkġ gvgtk' ner uco ,pf c" {gt" cnp" o cn' xg" j k o gv' Āgvko k' krġ" dwpct,p" r c| ctrpo cu,pc" {¾pgrkn' kj vġ c±rct,p, "net ,no c{., " f guvgmgo g{k' xg" i grk vto gn' uwtgvkġ rg" qtvcmct,p,p" uc n,m" xg" i grk o k " dk" ±gxtgf g" {c co crct,p, uc rco crct,p, j gf ghgo gmgf k0Mcf ,prct,p" gnupqo kn' xg' uqu{cn' {c co 'k±gtkulpf g' f cj c'cmkh' qm crct,p, uc r c| ctm' j go "go gmgtkġ cj c' i ¾ ĀpĀ" qm cmc' j go "f g' i grk' grf g' gf gdko gmgf krtgt00 gtukp" DĀġ Āni' gj k" Dgrgf kġ guk' xg" j ĀmĀo gvġp" ±g kirk' dcmcpn,ncrct" ctce,n , "krġ" nef ,p" nqqr gtcvkhgtkġp" {¾pgrkn' xgt o k "qrf w w'gnupqo kn' xg' uqu{cn' f guvgmgt. "423; "{ ,npf cp" uqptcu, pf c" nqqr gtcvkh' uc { ,u,p, "ctvto , vto' Dw'±cn o cp,p" co ce, "O gtukpġf gnk' cmkh' nef ,p" nqqr gtcvkhgtkġp" hccrkġ gv' crpct,p, "kpegrg{gt gm" {gt gn' gnupqo kġ g" qncp" nevncrct,p, "qtvc {c" nq{ o cmv,t0' O gtukpġf g" 3: "cf gv' nef ,p" nqqr gtcvkh' dwnpo cmcf ,t0' Dwpw'f , ,pf c' dk" nqqr gtcvkh' kug" Āġ grgtkġp" ±q wprw w'nef ,prctf cp" qnw o cmcf ,t0' Dw' nqqr gtcvkhgtkġp" vqr nco "Āġ g" uc { ,u, "443of k0' ¥ cn o c" ner uco ,pf c" 426" nqqr gtcvkh' Āġ guk' nef ,p" krġ" i ¾ Ā o g" {cr ,m , vto' O gtukpġf gnk' nef ,p" nqqr gtcvkhgtkġp" j gr ukpġp" Āgvko " xg" r c| ctrpo c" Āġ gtġp" hccrkġ gv' i ¾ vgtf kmgtk' i ¾ Āo gmgf k0' hccrkġ gv' crpct, "±qn' ±g kirk' qm cmc' dkrkmg. "gp' hc| r' vct, o ucn' Ā Āp' Āgvko k" \* 57.: 2+ xg" gn' ucpcvct, "vgmkn' xd0' \* 42.32+ crpctf c" hccrkġ gv' i ¾ vgt o gmgf krtgt0' O gtukpġf gnk' nqqr gtcvkh' Āġ guk' nef ,prct,p" " 95oĀ' nqqr gtcvkh' Āġ grk k' ¾ peguk' j gtj cpi k' dk" k vġ "cmkh' qrcen' ±cn o co , vto' Mcf ,prct" nqqr gtcvkh' Āġ grk k' krġ" Āgvko " hccrkġ gvgtkġp" nev, m cmc" xg" ngpf kġp' i grk vto gmgf k0' Mqqr gtcvkh' ner uco ,pf c" { Ā Ā Ārgp" Āgvko " hccrkġ gvgtk' uc { kulpf g' nef ,prct" f Ā Āni' ugxkġ grgtf g" f g" qnc" i grk" grf g" gf gtngp. "c {p, | co cpf c" gj tkp" gnupqo kulpg' f g' nev' uc rco cmcf ,trct0'

Anahtar Kelimeler: 'Mqqr gtcvkh' nef ,p. 'O gtukp0'

"

#### ABSTRACT

Y qo gp)u'eq/qr gtcvkgu'clo "vq" gpuwtg'vj cv'vj gk'to go dgtu'ixg'lp" c" j genj { "cpf" f gxnqr gf "gpxtqpo gpv' d{ "o ggvkpi . "uwr r qt vki "cpf" f gxnqr kpi "vj g' geqqo ke. "uqekcn'cpf" ewwctn'pggf u'qh'y qo gp" cpf "vj gk" pggf u'hqt" vj g'r tqf wevqp" cpf "o ctngvki "qh'i qaf u'cpf" "ugt xlegu" y kj kp" vj g' ueqr g' qh' vj gk" geqqo ke" cevkkkguOD{ "gpcdrki "y qo gp" vq' dg' b' qt g' cevkg' lp' geqqo ke" cpf "uqekcn'khg. "vj gk' hcdqw' dgeqo gu' b' qt g' xlkidng" cpf "vj g' "ecp" gctp' lpeqo g0Vj g' geqqo ke" cpf "uqekcn' uwr r qtr' r' tqxf gf "vq' y qo gp)u'eq/qr gtcvkgu" d{ "O gtukp" O gtqr qrkcp" O wplek crkġ {cpf "vj g' i qxgtpo gp' vj tqwi j "xctkqu' o kpkmtkgu" j cu' lpetgcugf "vj g' pwo dgt' qh' eq/qr gtcvkgu' ulpeg" 423; 0' Vj g' clo "qh' vj ku' uww { "ku' vq' gzco kpg' vj g' hgrf u' qh' cevkkk{ "qh' cevkg" y qo gp)u'eq/qr gtcvkgu' lp" O gtukp" cpf "vq" t gxcn' vj gk' eqpvt kdwkqp" vq' vj g' mpcn' geqqo {0' Vj gt g' ctg" 3: "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

y qo gp)u'eq/qr gtcvkgu'kp'O gtukp0k'cf fklqp.'qpg'eq/qr gtcvkg'j cu'c'o clqtka' 'qh'ku'o go dgtu'eqpukukpi " qh'y qo gp0Vj g'vqen'pwo dgt'qh'o go dgtu'qh'y gug'eq/qr gtcvkgu'ku'4430Y kj kp'yj g'ueqr g'qh'yj g'uwf {." 426'y qo gp'o go dgtu'qh'yj g'eq/qr gtcvkgu'y gtg'kpvtxky gf 0Cm'qh'yj g'y qo gp)u'eq/qr gtcvkgu'kp'O gtukp" ctg'cevkg'kp"rtqf wevqp"cpf"o ctngvki 0Cnj qwi j "yj gk'hgnf u'qh'cevkg'ctg'f kxgtug."yj g'ctg"o quw'cevkg'kp"ci tlewwtci'r tqf wev'r tqf wevqp"\*570 2' +cpf"j cpf ketchu."gzvkgu."gve0\*4202' +0k'O gtukp." 95' "qh'y qo gp"eq/qr gtcvkg"o go dgtu'y gtg'pqv'cevkg'go r m'gf "dghqtg"lqk'kp' "yj g'eq/qr gtcvkg' Y qo gp" r ctvkr cvg" kp" r tqf wevqp" cevkg'ku" cpf" ko r tqxg" yj go ugrkgu" yj tqwi j " eq/qr gtcvkg" o go dgtuj kr 0Vj cpnu'v'yj g'rtqf wevqp"cevkg'ku"ectt'kf 'qw'y kj kp'yj g'ueqr g'qh'yj g'eq/qr gtcvkg.'y qo gp" gctp'kpeqo g."cndgk'cv'my 'igxgnu."cpf"cv'yj g'uco g'ko g'eqv'kdwg'v'yj g'geqpqo { "qh'yj g'ek'0"

**Keywords:** 'Eqqr gtcvkg.'y qo gp.'O gtukp0'

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"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CALCULATIONS OF <sup>208</sup>Pb (n,el) DIFFERENTIAL NEUTRON SCATTERING CROSS SECTIONS

Eyyup TEL<sup>1</sup>

<sup>3</sup>Rt qI0F t0'Quo cpk'g'Mqt mw'Cvc'©pkxgt ukvguk'Hgp'Gf gdl'cv'Hcn'Ånguk'Hk'kn'D³/4Åo Å'Quo cpk'g'.  
V'Åtnk'gO'

<sup>3</sup>QTEKF 'KF <j wr u-llqtekf Qti I2222/2224/7644/5523"

Taner DİLBEROĞLU<sup>2</sup>

<sup>4</sup>Quo cpk'g'Mqt mw'Cvc'©pkxgt ukvguk'Hgp'Gf gdl'cv'Hcn'Ånguk'Hk'kn'D³/4Åo Å'Quo cpk'g'. V'Åtnk'gO'

<sup>4</sup>QTEKF 'KF <j wr u-llqtekf Qti I2222/2224/7644/5523"

Mustafa YİĞİT<sup>3</sup>

<sup>5</sup>Rt qI0F t0' Cmuct c f'©pkxgt ukvguk'Hgp'Gf gdl'cv'Hcn'Ånguk'Hk'kn'D³/4Åo Å' Cmuct c f'. V'Åtnk'gO'

<sup>5</sup>QTEKF 'KF <j wr u-llqtekf Qti I2222/2224/9678/9964"

#### ÖZET

P Ånggt "gpgtlk'o Åj gpf kurk kpf g"nctctn"mwt wp"<sup>42</sup>: Rd"±gnkt f g kpk"dk±qnl'w{i wro cu,"xctf ,t0¥ kw'nevn" ukj kirk'±gnkt f gn'qncp"<sup>42</sup>: Rd."f Å Ån'p³/4tqp"tcf {cu{qpw}{cncro c"vgukt'nguklpg"xg"32"GX642"O gX"i gm g" gpgtlkuk'ctcn ,pf c'mÅ±Ån'p³/4tqp}{cxc nvo c"³/4 gnk kpg'ucj kr kt0Rct±ce,mct,p"±gnkt f gmgf gp'uc±,ro cu," pÅnggt" {cr ,p,p"³/4 gnknmgtk'j cmmpf c" f g grk'dki kgt"uc rct0Dw}{ Å f gp'uc±,ro c"tgcmik' qprrt,pc"krk nkp" {cr ,mp" etc vto crctf cp" grf g" gf kgegn' dki kgt" pÅnggt" Hk'kn' c±,u,pf cp" qrf wnc±c"³/4pgo rlf k0' P Ånggt" uc±,ro c" vgukt" ngukrkt' i gpgnmng" f gpg{ugn'³/4±Åo . " vqtknl' xg" ukngo cvkn' cpcrk' ng" grf g" gf kro gmgf k0' .. | gnknm" f gpg{ugn' f g grngt'k' dwmpo c{cp" pÅnggt" tgcmik' qprrt" kkp" o qf gn' j gucr roo crct, {rc" vgukt" ngukrktk'p' f g grngpf k0' gn'r tcvkn"o Åo mÅpf Å0'Dwvprc'dkrknm."w'ct,ro c"hgpmuk' qprrt,p,p"pÅnggt" o qf gn' f g grngpf k0' grngt'k' pÅnggt" tgcmik' qp"uÅtgek'k'c±,mro cf c"hc{f cnf ,t0Dw±cn, o cf c."36/37"O gX" p³/4tqp" gpgtlk'kt'k'k'kp"<sup>42</sup>: Rd"p.gn"pÅnggt" tgcmik' qprrt,p,p" f kgtcpuk' gn'p³/4tqp" uc±,ro c"vgukt" ngukrkt' mÅt gugn'qr vkn'o qf gn'k'mcpwo "o gnepkn'f cri c" {cmc ,o , "mwncp,rtcn'j gucr rcpf ,0'Dw'j gucr roo crctf c" hctm,"qr vkn'o qf gn'r qvcpuk' gn'r ctco gvgrngt'k'UEC V4"pÅnggt" dki kuc {ct"nqf w'k'kp' g"mwncp,rf ,0'Vgqtknl' uqpw±ct'GZHQ T" f gpg{ugn'pÅnggt'xgt'k'mÅr'j cp'guk'p'gn'k'xgt'k'ng'net ,re v,t,rt,rf ,0"

Anahtar Kelimeler:<sup>42</sup>: Rd". "P gwtqp'uecwtgkpi . "Etquu'ugev'kqp."Qr vkecn'o qf gn'UEC V4."GZHQ T"

#### ABSTRACT

Vj gtg'ctg" c"rqv'qh'cr r rkecv'kpu"lp" P wengct "Rqy gt" Gpi kpggtkpi "qh'ucdrg"rgcf "<sup>42</sup>: Rd"pwengwu"<sup>42</sup>: Rd"cu" c" vy leg"o ci le"pwengwu"j cu"ny "etquu'ugev'kpu"qh'pgwtqp"tcf kcv'kqp"ecr wtg."cpf "uo cni'o qf gtcv'kqp"qh' pgwtqpu'lp'vj g'tcpi g'qh'32'GX642"O gX'k'p'k'f gpv'gpgti {0Vj g'uecwtgkpi "qh'r ct v'engul'itqo 'pwengki' t'q'k'f gu' k'pxcnwcdrg'k'phqto cv'kpu'cdq'w'p'wengct'ut wewt'g'r tqr gt'v'gu'0Vj gt'ghqg."vj g'f cv'q'cv'k'p'f'itqo 'uwf'kgu'qp" uecwtgkpi "tgce'v'kpu"ku"j ki j n' "uki p'k'hecpv'lp"vj g'hgrf "qh'pwengct"r j {ukeu'0Vj g'pwengct'uecwtgkpi "etquu' uge'v'kpu"j cxg"dgpp"i gpgtcm' "qdv'k'p'f" d" "g'zr g'tko gpv'cn'o gcuwtgo gpv."vj g'q'g'v'kecn' cpf "u'ungo cv'kecn' cpcn' uku'0Rct v'ewrctn' . k'ku'r'quidrg'lp'r tce'v'eg'v'g'x'cnw'v'etquu'uge'v'kpu'y kj "vj g'o qf gr'ke'v'w'v'kpu'htq" vj g'pwengct'tgce'v'kpu'y j lej "pq'g'zr g'tko gpv'cn'x'cnw'v'ct'g'cx'k'ndrg'0Qp"vj g'q'v'gt'j cpf . "vj g'pwengct"o qf gn' g'x'cnw'v'kpu'qh'vj g'z'ek'v'k'p' h'p'v'k'p'u'ct'g'w'gh'w'k'p'g'zr r'ek'p'ki "vj g'pwengct'tgce'v'k'p'r' t'q'egu'0K'p'vj ku'uwf { . " vj g'f k'ht'gp'v'cn'p'gwtqp'uecwtgkpi "etquu'uge'v'kpu"qh"<sup>42</sup>: Rd"p.gn"tgce'v'kpu'htq"36/37"O gX'pgwtqp"gp'gti'kgu' j cxg"dgpp"ec'v'w'v'g'f'wulpi "c's wcpwo "o ge'j c'p'kecn'y cxg'er r t'q'cej "y kj "ur j g't'kecn'qr v'kecn'o qf gr'0K'p'vj g'ug' ec'v'w'v'kpu."f k'ht'gp'v'qr v'kecn'o qf gn'r q'v'p'v'cn'r ctco gv'gtu'j cxg"dgpp" w'ug'f "kp'pwengct"UEC V4"eqo r wgt"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

eqf g0Vj g"y gqtgvecri'tguwmu"y gtg"eqo r ctgf "y kj "f cv"ltqo "y g"GZHQ T"gzr gtlø gpvcri'pvergct"f cv"  
rkdct{0'

**Keywords:**<sup>42</sup>: "Rd".P gwtqp'uecwtkpi . 'etqui'ugevqp."Qr vlcni'lo qf gn".UECV4."GZHQ T"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CALCULATION OF (n,p) CROSS SECTIONS ON <sup>54,56</sup>Fe ISOTOPES

Mustafa YİĞİT<sup>1</sup>

<sup>3</sup>Rt qI0F t0 "Cmuct c { "Opkxgt ukvguk "Hgp "Gf gdlk cv "Hcn Āvnguk "Hk kmiD/ Āo Ā "Cmuct c { . "VĀt nkġ g0"  
<sup>3</sup>QTEK "KF < j wr u- lqt ekġ Qti I222/2224/9678/9964"

Gülşah YILMAZ<sup>2</sup>

<sup>4</sup>Cmuct c { "Opkxgt ukvguk "Hgp "Gf gdlk cv "Hcn Āvnguk "Hk kmiD/ Āo Ā "Cmuct c { . "VĀt nkġ g0"  
<sup>4</sup>QTEK "KF < j wr u- lqt ekġ Qti I222; /2227/3; ; 5/433Z"

Eyyup TEL<sup>3</sup>

<sup>5</sup>Rt qI0F t0 "Quo cpkġ g "Mqt mw' Cvc "Opkxgt ukvguk "Hgp "Gf gdlk cv "Hcn Āvnguk "Hk kmiD/ Āo Ā "Quo cpkġ g."  
VĀt nkġ g0"  
<sup>5</sup>QTEK "KF < j wr u- lqt ekġ Qti I222/2224/7644/5523"

#### ÖZET

\*p.r + "vguk "ngukrgtklpk" ctc vt, m cu, "p<sup>3</sup>at qprc" qnw wt wcp "tgcmlk qprct, p" f c j c" f q tw' xg" vco "cp, o, "k<sup>+</sup>lp" gucuvt0" vġ { cpf cp. "p.r + "tgcmlk qprct, p, p" { gpk' vġuk "nguk" xgt krgtk" j, | ncpf, t, e, "i Ā Āo nĀ" mtkkn' cix, " ukugo rgt. "hku{ qp. "hĀ { qp. "tcf { qp Āmġk "Ā gvko k" tcf { cu{ qp "vgter k" cut qhk knġd0 dkt ± qnġw{ i wco cf c "± qnġ <sup>3</sup> pgo rkf k0" | gmkmg. "ç36" O gX" p<sup>3</sup>at qp" r ct ± ce, mct, "vctch, pf cp" Ā gvkgp" p Ā mggt "tgcmlk qprctc" k<sup>+</sup> k nkp" p Ā mggt "xgt krgt. "p Ā mggt "f<sup>3</sup> p Āo Āo " j, | nct, p, "p<sup>3</sup>at qp" ± q cm cu, p, "xg' tcf { cu{ qp" j" cuct, p, "vcj o kp" gvo gmk<sup>+</sup> lp" <sup>3</sup> pgo rkf k0 F q cn' f go kt. "dw" vĀ "p Ā mggt" xgt krgt g" kj vġ c ±" f wġ wcp" gp" <sup>3</sup> pgo rk' o cn' go grgtf gp" dkt kpk' qnw wtf w wpf cp. "ç36" O gX" gpgtl k<sup>+</sup> k<sup>+</sup> <sup>76,78</sup>Hg" k qvqr rct, " Ā gt kpg" p<sup>3</sup>at qprc" qnw wt wcp "tgcmlk qprct, p" ner uco n "dk" o qf gn' j gucr nro c rct, "ugv<sup>+</sup>pk' grf g" gwkn0 Dw ± cn o cf c. "76Hg\* p.r +76O p" xg" 78Hg\* p.r +78O p" p Ā mggt "tgcmlk qprct, p, p" wġ ct, m c "h<sup>+</sup>qpmk qprct, " ç36" O gX" qrc { "gpgtl krgtkp f g" qr vkn" f gpi g" <sup>3</sup> p eguk" J cwugt/Hg u j dcej "xg" ugxkġ g" { q wprw w' qm cni Ā gt g" ± g k<sup>+</sup> k' o qf grgt "nwrwp, rctcn' j gucr nro , vt0' Dw ± cn o c "k<sup>+</sup> lp" i gt gmk' p Ā mggt " <sup>3</sup>4 gmkmg. " <sup>3</sup>4 gmkmg" p Ā mggt "qr vkn' o qf gn' xg" ugxkġ g" { q wprw nct, "VCNġ U' 30 7" xg" CNREGICUI "nqf rct, "nwrwp, rctcn' j gucr nro , vt0' gpk' vġqtkn' xgt krgt. "GZHQ T" xgt kcdcp, pf cp" rkgtcvĀ " f gpg { ugn' xgt krgtk' xg" GP F HID/ XKKO. " LGP F N/7. " TQUHQ P F /4232" xg" VGP F N/4243" f gp" f g gtrgp f k<sup>+</sup> k<sup>+</sup> k "xgt krgt" nct, rct vt, m , vt0' Uqpw<sup>+</sup> qrcem" dw ± cn o c. "f gpg { ugn' vġuk "nguk" xgt krgtklpk" gmikmk k' i <sup>3</sup>4 " <sup>3</sup>4 p Ā mggt" cnpf, , pf c "p.r + "tgcmlk qprct, p, p" gmukmk "dk" gmkf g" vco nro cu, pc" n<sup>+</sup> vmf c" dw n pcdk<sup>+</sup> k0

Anahtar Kelimeler: "vguk "nguk. "p.r + "tgcmlk qprct, "VCNġ U' 30 7. "f go kt "k qvqr rct, "ugxkġ g" { q wprw n' o qf grk0

#### ABSTRACT

Vj g" gZR mtevkqp" qh" \*p.r + "etquu" ugevkpu" ku" guugpvkn' hqt" c" o qt g" eqo r rvg" cpf "ceewtcvg" f guetk<sup>+</sup> vkqp" qh" pgwtqp/ kpf wegf "tgcmlk qprct" vj g" qv j gt" j cpf. "vj g" tgrxcpv' etquu" ugevkqp" f cv' qh" \*p.r + "tgcmlk qprct" ct g" xgt { " ko r qt wcpv' kp" o cp { " cr r d<sup>+</sup>cvkpu" uwe j " cu" ceegr<sup>+</sup>tcvt" f tkxgp" uwd/ etk<sup>+</sup> k<sup>+</sup> cni" u{ vgo u. "hku<sup>+</sup> qp. "hwk<sup>+</sup> qp. " tcf kqpw<sup>+</sup> k' g" r tqf wevkqp. " tcf k<sup>+</sup> cvkqp" vj gter { " custqr j { ukeu. " gve0' Gur gekmġ. " pwerget" f cv" qp" pwerget" tgcmlk qprct" r tqf wegf " d { " pgwtqp" r ct v<sup>+</sup>rgu" ç36" O gX" ctg" vj wu" qh" ko r qt wcpv' hqt" r tgf k<sup>+</sup> v<sup>+</sup> kpi " pwerget" vtcpuo w<sup>+</sup> cvkqp" tcv<sup>+</sup> gu. "pgwtqp" o w<sup>+</sup> n<sup>+</sup> r d<sup>+</sup>cvkqp" cpf " tcf k<sup>+</sup> cvkqp" f co ci g0' U<sup>+</sup> kpeg" pcw<sup>+</sup> tcn' k<sup>+</sup> qp" eqpu<sup>+</sup> k<sup>+</sup> w<sup>+</sup> gu" qpg" qh" vj g" o quv' ko r qt wcpv' o cvgtk<sup>+</sup> ni' hqt" y j lej " uwe j " pwerget" f cv' ku' pggf gf. "y j" cxg" qd<sup>+</sup> cvk<sup>+</sup> p<sup>+</sup> gf " c" eqo r t<sup>+</sup> gj g<sup>+</sup> pu<sup>+</sup> k<sup>+</sup> g" ug' v' qh' o qf gn' ecrew<sup>+</sup> cvkpu" hqt" pgwtqp/ kpf wegf "tgcmlk qprct" qp<sup>76,78</sup> Hg" ku<sup>+</sup> vqr gu" ç36" O gX" gpgti { 0' k<sup>+</sup> vj ku" uwf { " vj g" gze<sup>+</sup> cvk<sup>+</sup> qp" h<sup>+</sup> p<sup>+</sup> cvk<sup>+</sup> qp" qh" <sup>76</sup> Hg\* p.r + <sup>76</sup> O p" cpf " <sup>78</sup> Hg\* p.r + <sup>78</sup> O p" pwerget" tgcmlk qprct" y gt g" ecrew<sup>+</sup> cvg<sup>+</sup> f" go r nq { kpi "ugxgtcni<sup>+</sup> o qf gn' /qr v<sup>+</sup> cni' r' tg/ gs w<sup>+</sup> k<sup>+</sup> k<sup>+</sup> dt kwo. " J cwugt/Hg u j dcej. " cpf " tgrxgn<sup>+</sup> f g<sup>+</sup> pu<sup>+</sup> k<sup>+</sup> // cv' vj g' k<sup>+</sup> p<sup>+</sup> k<sup>+</sup> f gp"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

gpgti lgu~36'O gX0Vj g'pwerget'r tqr gtvku'pggf gf 'hqt'vj ku'uwf { . 'kp'r ctvlewrt 'pwerget'qr vte'o qf gn'cpf " rnxgnf gpubku."ctg'ecrewrvgf "wulpi 'yj g'VCN[ U'30 7"cpf 'CNREGICUJ "eqf gu0Vj g'pgy 'yj gqgvecnf'cvc" ctg'eqo r ctgf "y kj "yj g'rkgtcwtg"gzr gtlo gpvni'f'cvc"htqo "yj g'GZHQ T"f'cvdcug."cpf "yj g'gxcnrcvgf "f'cvc" htqo "GP F HID/XKKQ."LGP FN/7."TQUHQ P /4232"cpf "VGP FN/42430"t'guwm."yj ku'r cr gt'ecp'r tqxkf g" c"eqpvtkdwkq"q"eqo r rvg'f guetk vqp"qh'vj g"p.r +t'gcevqpu"eqpukf g'kpi "yj g'rcem'qh'gzr gtlo gpvni'etquu" ugevq'f'cvc0

**Keywords:**'etquu'ugevq'p.r +t'gcevqpu."VCN[ U'30 7."kqp'luvqr gu.'rnxgnf gpubk{ "o qf gn0



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### WINKLER TİPİ ELASTİK ZEMİNE OTURAN DEĞİŞKEN KESİTLİ KİRİŞLERİN STATİK ANALİZİ STATIC ANALYSIS OF VARIABLE CROSS-SECTION BEAMS RESTING ON WINKLER TYPE ELASTIC FOUNDATION

*Timuçin Alp ASLAN*

Ƴ wmt qxc "©pkxgt ukxguk "O Āj gpf kũknHcnĀnguk " p ccv'O Āj gpf kũk k'D³/Āo Ā "Cf cpc  
QTEK "KF <2222/2224/977: /578: "

*Ahmad Reshad NOORI*

uwxpdwI gk ko "©pkxgt ukxguk "O Āj gpf kũknO ko ctũnHcnĀnguk " p ccv'O Āj gpf kũk k'D³/Āo Ā " uwxpdwI  
QTEK "KF <2222/2224/977: /578: "

*Aseña Pınar ÖZER*

*Yıldız Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü*

QTEK "KF <222; /2229/2768/4476"

*Beytullah TEMEL*

Ƴ wmt qxc "©pkxgt ukxguk "O Āj gpf kũknHcnĀnguk " p ccv'O Āj gpf kũk k'D³/Āo Ā "Cf cpc  
QTEK "KF <2222/2224/3895/4: 2Z"

#### ÖZET

Dw' ±cn, o cf c" Y kpmgt "vr k' grũkn' | go kpg" qwtcp" fg k ngr" ngũkrk' ntk rgtk" ucvkn' cpcrk k' i gt±gmg vkr k vt0" Ctc vto cf c. "hctm" o gupgv"nũ wmt, p, p" xg" Y kpmgt " { c { "ncuc { , u, p, p. " j qo qlgp" k qvqr kn'ntk rgtk" g kũ g" f cxtcp, , "Ā gtlpg" gvkrk' k' pegrp o k vt0F g k ngr" ngũkrk' ±wdwmt, p" g kũ g" f cxtcp, , p, "kf ctg" gf gp" f gpmgo rgt. "Gwgt/Dgtppwrk' ntk "vgtkukpg" f c { cn" o kpo wo "vqr rco " r qvpuq grl' gpgtlk' r tgpukl' { ctf, o, { r" vĀgvkr k vt0' Mcppkn' f gpmgo " ugvpk" uc { , ucn' ±34 Āo Ā " Vco co r { , e, " Hqpmk' qprct" [ 3pgo k' \*VH' + " xg" T wpi g/ Mwcc " 7" \*TM7" + " cni qtko cu, "mwrcp, rctcn' i gt±gmg vkr k vt0' Ƴ 34 Āo " { 3pgo k' p" f q tww w' xg" gvkrk k' rkgcvĀf g" o gxew" qrcp" ±cn o cmt, p" uqpwrct, " kũ net , rct, rctcn' hcp, vrcp o , vt0"

**Anahtar kelimeler:** "Y kpmgt "vr k' grũkn' | go k. F g k ngr" ngũkrk' ntk. Vco co r { , e, " Hqpmk' qprct" [ 3pgo k"

#### ABSTRACT

Kp' y kũr cr gt. 'y g' ucve "cpcrk uku' qh' y g' xctkdrng' etquu/ugevqp" dgco u' tgvkpi "qp' y g' Y kpmgt "vr g' grũke" hqwpf cvkqp' ku' ecttkgf "qwoVj g' ghgeu" qh' f khgtgpvlwr r qtveqpf kũqpu. "cpf "Y kpmgt hqwpf cvkqp' eqghkkgpv" qp' y g' ucve "dgj cxkqt "qh' j qo qi gpqwu' kuqvtqr le" dgco u' ctg' kpxgũki cvgf 0' Vj g' i qxgtpkpi "gs wcvkqpu" qh' y g' dgpf kpi "dgj cxkqt "qh' xctkdrng' etquu/ugevqp" dctu' ctg' f gtxgf "d { " o gcpu" qh' y g' o kpo wo "vqcn' r qvpu' kn' gpgti { " r tpekr r g" dcugf "qp' y g' "Gwgt/Dgtppwrk' Dgco "y ggt { 0' Vj g' pwo gtecn' uqmwkqp" qh' y g' "ecpplecn' gs wcvkqp' ugjv' cu' dggp' ecttkgf "qwo' wũkpi 'y g' Eqo r ngo gpvct { "Hwpevqpu" O gvj qf "EHO +cpf "y g' hknj "qtf gt" T wpi g/ " Mwcc " 7" cni qtkj o 0' Vj g' ceewtce { " cpf " ghkkgpe { " qh' y g' uwi i guvf " o gvj qf " ctg" r tqxgp" d { " eqo r ctkpi "y kũ 'y g' tguwu' qh' y g' uwf lgu' cxckdrng' k' y g' rkgvcwtg0"

**Keywords:** "Y kpmgt "vr g' grũke hqwpf cvkqp. "Xctkdrng' Etquu/ Ugevqp" Dgco u. "Eqo r ngo gpvct { "Hwpevqpu" O gvj qf 0"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### WINKLER TIPI ELASTİK ZEMINE OTURAN DEĞİŞKEN KESİTLİ KİRİŞLERİN SERBEST TİTREŞİM ANALIZI FREE VIBRATION ANALYSIS OF VARIABLE CROSS-SECTION BEAMS RESTING ON WINKLER TYPE ELASTIC FOUNDATION

*Timuçin Alp ASLAN*

¥ wmt qxc '©pkxgt ukxguk 'O Ğj gpf kurñiHcnĀnguk" p ccv'O Ğj gpf kurk kD³/āo Ā "Cf cpc  
QTEKF "KF <2222/2224/977: /578: "

*Ahmad Reshad NOORI*

ıncpdwñI grk ko '©pkxgt ukxguk 'O Ğj gpf kurñiO ko ctñmHcnĀnguk" p ccv'O Ğj gpf kurk kD³/āo Ā "ıncpdwñI  
QTEKF "KF <2222/2224/977: /578: "

*Aseña Pınar ÖZER*

[ ,tf ,/ 'VgnpknI©pkxgt ukxguk" p ccv'HcnĀnguk" p ccv'O Ğj gpf kurk kD³/āo Ā"  
QTEKF "KF <222; /2229/2768/4476"

*Beytullah TEMEL*

¥ wmt qxc '©pkxgt ukxguk 'O Ğj gpf kurñiHcnĀnguk" p ccv'O Ğj gpf kurk kD³/āo Ā "Cf cpc  
QTEKF "KF <2222/2224/3895/4: 2Z"

#### ÖZET

Dw'±cn o cf c."Y kpmgt "vr k'grcvknI| go kp"qwtcp"fg k ngp"ngukrk'ñtk rgtkp"ugtdguv'vktg ko "cprtk k' i gt±gmng vktko k vkt' " Ctc vto cf c." hetmñ " o gupgv" nñ wrct,p,p" xg" Y kpmgt | go kp" nevuc { ,u,p,p." wj wprñni{ ĀnugmknI \*Nlj +-qtcpñt,p,p"j qo qlgp"ñ qvqr knI'ñtk rgtkp"ugtdguv'vktg ko "f cxtcp, , " Ā gtpkg" gvñkgtk'lpegrpo k vkt'OF g k ngp"ngukrk'±vdwñt,p"ugtdguv'vktg ko "f cxtcp, ,p,"kf ctg"gf gp"fgpmgo rgt" Gwgt/Dgtpqwrk'vgqtkp"fg c{cn"o kpko wo "vr nco "r qvcpuk'gn'gpgtlk'r tgpukdk' {ctf ,o ,{ñ"vĀgvko k vkt' Gıf g'gf krp'hcpqknıf gpñgo rgt'Ncr ñeg'w c{ ,pf c'Vco co ñ{ ,e,"Hqpmuk'qprct [ ³pvg k'VHİ +-kq'uc { ,ucñ' qrcñtñ±¼ Āo gmgf k'0¥ ¼ Āo " {³pvg k'p'f q tww w'xg"gvñkprk k'ıkgtcvĀf g'o gxew'qrcp"±cn o crct,p" uqpwñct,"kg'ñct ,ñ vt,rcñññp,ñpo , vt'0

**Anahtar kelimeler:**"Y kpmgt "vr k'grcvknI| go kp. F g k ngp"ngukrk'ñtk . Vco co ñ{ ,e,"Hqpmuk'qprct [ ³pvg k'Ugtdguv'vktg ko "

#### ABSTRACT

Kp'vj ku'r cr gt."yj g'İtgg'xkdtcvkp"qh'vj g'xctkdrñ"etqu/ugevqp"dgco u'tgukpi "qp"vj g'Y kpmgt"v{r g'grcvke" hqwpf cvkp'ku'ecttkgf "qwoVj g'ghgeu'qh'f kñgtgpvñwr r qt vñeqpf kñkpu."Y kpmgt hqwpf cvkp'eqgñkelpv'cpf" rñpi vj İj kempgu'vcvku"qp"vj g'İtgg'xkdtcvkp"dgj cxkqt"qh'j qo qi gpqwu'kuvtqr le"dgco u'ctg'kp'xgukı cvgf 0" Vj g'i qxgtkpı "gs wcvkpu"qh'vj g'İtgg'xkdtcvkp"dgj cxkqt"qh'xctkdrñ"etqu/ugevqp"dcu"ctg"fg tkxgf "d { " o gcpu'qh'vj g'o kpko wo "vqcnr qvgn'gn'gpgti { 'r tkpkr ng'dcugf "qp"vj g'Gwgt/Dgtpqwrk'Dgco "vj ggt {0Vj g" pwo gtkeñ'ıqñwkp"qh'vj g'ecpñkeñ'gs wcvkp"ugv'j cu" dggp'ecttkgf "qww wukpi "vj g"Eqo r rgo gpvct { " Hñpvcvku'O gj qf \*EHO +-kp'vj g'Ncr ñeg'f qo kcp'0Vj g'ceewtce { "cpf "ghkelp" { "qh'vj g'ıwı i guvf "o gj qf " ctg'r tqxgp"d { "eqo r ctıpi "y kñ "vj g'tguwñu'qh'vj g'ıwı kgu'cxkdrñ'kp'vj g'ıkgtcvwt g'0"

**Keywords:**"Y kpmgt"v{r g'grcvke" hqwpf cvkp."Xctkdrñ"etqu/ugevqp"dgco u."Eqo r rgo gpvct { "hñpvcvku" o gj qf ."İtgg'xkdtcvkp"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

r t q e g u u ' q h ' v j g ' e q p u w o g t ' y k j ' v j g ' u q e k r i ' c p f ' e w m w t c n i ' o g c p k p i u ' k ' e q p v c k p u 0 ' H q q f ' o c n g u ' v j g ' r g t u q p ' y j q " e q p u w o g u ' k ' o y j q o ' k ' u 0 ' k p ' v j g ' u q e k r i k c v k p ' r t q e g u u ' q h ' v j g ' l p f k k f w c n ' h q q f ' i k x g u ' u { o d q r k e ' o g c p k p i u ' l p " f g h k p k p i ' j k u l j g t ' k f g p v k { 0 ' V j g ' k p f k k f w c n l p v t q f w e g u ' j k u l j g t ' k f g p v k { ' v j ' v j q u g ' c t q w p f ' j k o l j g t ' y k j ' j k u l j g t " h q q f ' r t g h g t g p e g u ' c p f ' v j g ' r m e g u ' y j g t g ' j g l u j g ' g e v u 0 "

' G e v k p i ' k p ' c ' n w z w t k q w u ' p g k i j d q t j q q f ' c p f ' p c w t c m { ' g e v k p i ' k p ' c ' n w z w t k q w u ' t g u e w t c p v ' c p f ' g e v k p i ' c v ' c ' u t g g v ' x g p f q t ' f q ' p q v i k x g ' v j g ' u c o g ' o g c p k p i 0 ' V j g u g ' r m e g u ' y c v ' f g v g t o k p g ' e n c u u ' c n u q ' f g v g t o k p g ' e n c u u ' y k j ' v j g k t " h q q f 0 ' H q t " g z c o r n g . ' y j k r g " q p g " j c u ' i q w t o g v ' h q q f . ' v j g ' q v j g t " j c u ' f k u j g u ' v j c v ' y g ' c t g " x g t { " c e e w u w q o g f " v q 0 ' V j g u g ' f k u j g u ' c p f ' r m e g u ' o c n g ' v j g u g ' e j q l e g u ' d c u g f " q p ' v j g ' e n c u u g u ' v j g { " c r r g c n ' v q 0 ' V j g ' u q e k r i ' k p f k k f w c n ' c n u q ' o c n g u ' e j q l e g u ' c e e q t f k p i ' v q ' v j g ' e n c u u ' j g l u j g ' d g r n p i u ' v q ' q t ' y c p w u ' v q ' d g r n p i ' v q 0 ' V j w u . " d q v j ' v j g ' h q q f " { q w ' g c v ' c p f ' v j g ' r m e g " { q w ' i q ' v q ' o c n g " { q w ' e n c u u ' c p f ' k f g p v k { " x k u k d r g 0 ' H q q f " k u ' q p g ' q h ' v j g ' c t g c u ' y j g t g " e q p u r k e w q w u ' e q p u w o r v k p " k u ' e r g c t n { " g z j k d k g f 0 ' k p f k k f w c n ' r t g h g t ' r m e g u ' y j g t g ' j k i j / u x c w u ' f k u j g u ' v j c v ' y k n i d g ' u w k c d r g ' h q t ' v j g ' u q e k r i l u c w u ' c p f ' r t g u k i g ' v j g { ' y c p v ' v q ' j c x g ' c t g ' u g t x g f = v j g { ' e q p u t w e v e q p u r k e w q w u ' e q p u w o r v k p ' v j t q w i j ' h q q f 0 "

V j g ' c k o " q h ' q w t ' u w f { " V j g ' h q e w u ' q h ' v j g ' u w f { " k u ' v q ' t { " v q ' w p f g t u c p f ' v j g ' r j g p q o g p q p ' q h ' h q q f ' k p ' c m ' k u " f k o g p u k q p u " k p " v j g ' e q p v g z v ' q h ' e q p u r k e w q w u ' e q p u w o r v k p 0 ' Q w t ' u w f { . " q p ' v j g ' q p g " j c p f . " c f f t g u u g u ' v j g " t g r v k p u j k " d g y g g p " h q q f " c p f " k f g p v k { " e q p u t w e v k p = q p " v j g ' q v j g t " j c p f . " k ' c k o u ' v q ' t g x g c n ' v j g " t q r g " q h " e q p u r k e w q w u ' e q p u w o r v k p " c o q p i " v j g ' h c e v t u ' v j c v ' c h g e v ' e q p u w o g t u ' h q q f " x g p w g ' r t g h g t g p e g u 0 ' K ' c k o u ' v q " c p c n { | g ' v j g ' u q e k r e w m w t c n i ' c p f ' g e q p q o k e ' f k o g p u k q p u ' q h ' v j g ' e q p u w o g t u ' h q q f ' c p f ' x g p w g ' r t g h g t g p e g u ' k p ' v j g ' e q p v g z v ' q h ' e q p u r k e w q w u ' e q p u w o r v k p 0 ' M g { y q t f u < E q p u r k e w q w u ' e q p u w o r v k p . " H q q f . " K f g p v k { . " U r c e g "

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"  
"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

Ej kf "tchhke"ceekf gpw"lp"Vwtng{ . "uko krt"v"o cp{ "eqwptkgt"ctqwpf "vj g'y qtrf . "ucpf "qw'cu"qpg"qh'vj g" ko r qt vcpv'r tqdng u'vj cv'vj tgcvgp"uqeknlugewtkv{ 0Ej kf tgp"ctg"o qtg"xwpgtcdng"lp"tchhke"vj cp"cf wnu'f wg" vq" vj gk" r j { ulecn' cpf " r u{ ej qmi lecn' ej ctcevgtkruku0' Hcevqtu"uwej " cu" wtdcp" r qr wrcvqp" i tqy vj " cpf" kpcf gs wcvg'lphtcutwewtg'kpetgcug'vj g'tkumi'vj cv'ej kf tgp'heg'lp"tchhke0Vj ku'ukwcvqp'pgeguukcvgu'vknkpi " ur gekn'r tgecvkqpu'hqt"ej kf tgp)u"uchgv{ 0Kp"r ct vkwrt . "ceekf gpw"vj g{ "ctg"gzr qugf "vq"cu'r gf gutkcpu"ctg" co qpi "vj g'o clp'hecvqtu'vj cv'vj tgcvgp"ej kf "uchgv{ . "cpf "vj g'ht gs wge{ "qh'vj gug'ceekf gpw'xctkgt'gi kqpcmf" co qpi "r tqxkpegu0'Kp"vj ku'uwf { . "vj g'f kmtkdwkqp"qh"tchhke"ceekf gpw"lpqxqkxkpi "ej kf tgp"ci gf "2/36"cu" r gf gutkcpu'cetquu"Vwtng{ "y cu'f gvgt o kpgf "d{ "r tqxkpegu0F gvgt o kpkpi "vj g'tgi kqpu'y j gtg"ej kf "r gf gutkcp" ceekf gpw'ctg"eqpepvtcvgf "y km'eqpvtkdwg"vq"vknkpi "ghhgevxg"o gcuwtgu'cv'vj g'iqecnlhgxgn'cpf "y km'gpcdrng" vj g'f gxnqr o gpv'qh'vutcvgi kgu'lp"vj ku'ctgc0'Kp"vj ku'eqpvz . "tchhke"ceekf gpv'tgr qt u'lpqxqkxkpi "ej kf tgp"cu" r gf gutkcpu"ht"vj g{ getu"4243/4245"y gtg"qdvkpgf "htqo "vj g'I gpgtcn'F kgevtcvg"qh"Ugewtkv{ "qh'vj g" O kpkmt { "qh'Kpvtkqt0Vj g'ej kf "r gf gutkcp"ceekf gpv'tcvgu"lp"vj g"2/36"ci g'i tqw "ht"geej "r tqxkpeg"y gtg" ecnrcvvgf "cpf"cpn| gf "lp"vj g"URUU"Ucvkuecn'Rcenti g'ht"vj g"UqeknlUekpgegu+520'r tqi tco 0Y kj kp" vj g'ueqr g"qh'vj g"uwf { . "0T kum'F kmtkdwkqp"Cpcn' uku'Dcugf "qp"Ucpcf ctf "F gxkcvkpö"y cu'eqpf wcvgf "kp" qtf gt"vq"f gvgt o kpg"vj g'tkum'f kmtkdwkqp"lp"vj g'r tqxkpegu=ceekf gpv'tcvgu'y gtg'emcuikhgf "ceeqtf kpi "vq"vj g" o gcp'cpf "ucpf ctf "f gxkcvqp"xcnvgu'qh'vj g'r tqxkpegu'cpf "hgy . "b gf kwo "cpf "j ki j "tkum'i tqw u'y gtg'etgcvgf 0' Ceeqtf kpi "vq"vj g'hp'f kpi u."330"r gtegpv"; "r tqxkpegu+qh'vj g'r tqxkpegu"j cxg"j ki j "ceekf gpv'tcvgu."990 " r gtegpv"85"r tqxkpegu+ j cxg"o gf kwo "cpf "330"r gtegpv"; "r tqxkpegu+ j cxg"hgy "ceekf gpv'tcvgu0Vj g{ "ucpf " qw'cu'vj g'r tqxkpegu'y kj "vj g'j ki j guv'ceekf gpv'tcvgu'y kj "Mkrku"806"r gtegpv."P gx gi k"506"r gtegpv."Uktv" 5074"r gtegpv'cpf "¥ qtwo "50: "r gtegpv0Vj gug"j ki j "tcvgu"lpf kcvg"vj cv'o gcuwtgu'hqt"r gf gutkcp"uchgv{ "kp" vj gug"r tqxkpegu"ctg"lpcf gs wcvg'cpf "vj cv'ej kf tgp"ctg"cv'j ki j "tkum0"Kp"eqpvtcu"vj g'hgy guv'ceekf gpv'tcvgu" y gtg'tgeqtf gf "kp"Ctf cj cp"2006"r gtegpv+."Kvcpdwn"20 9"r gtegpv+cpf "Vwpegrk"20 7"r gtegpv0Vj gug"hgy " tcvgu"uwi i guv'vj cv'o qtg"ghhgevxg"o gcuwtgu"j cxg"dgpp"vknkpi"ht"r gf gutkcp"uchgv{ "kp"vj gug"r tqxkpegu"qt" vj cv'tchhke"f gpukv{ "kp"vj gug"r tqxkpegu"ku'tgrvknkpi "hgy 0Vj gug"f khhgtgpegu'dgwy ggp"r tqxkpegu'tgxgcn'vj g" pggf "vq"cf cr v'o gcuwtgu'hqt"ej kf "r gf gutkcp"uchgv{ "vq"vj g'ur gekhke"pggf u'qh'vj g'r tqxkpegu0"

**Keywords:** 'Ej kf . 'Ceekf gpv.'Rgf gutkcp'Uchgv{ "

"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### COMPARATIVE STUDY OF FOREIGN INVESTMENT REQUIREMENTS IN INDONESIA AND THE UNITED STATES OF AMERICA

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*RUDI SEMBIRING MELIALA<sup>1</sup>, LAURENS LIMAU<sup>2</sup>, HERBERT SITORUS<sup>3</sup>, OLIVIA AURORA BR SITORUS<sup>4</sup>, YULIANA R MAENKOM<sup>5</sup>, RADITYA A. SADIQIEN<sup>6</sup>*

*Wpkxgtukxcu'Mt kungp'Kpf qpgukc.'O cimgt'QhNcy.'Lcnctvc.'Kpf qpgukc''*

*j wru<llqtekf Qti 222;/2225/::; 2/; 632''*

"

#### ABSTRACT

Geppqo ke'i tqy yj 'ku'c'xgt { 'ko r qtvcpr' ctv'qh'c'eqwpt { . 'qpg'qh'yj g'hcevqtu'ku'hqtgki p'kpxguo gpv'cu'y gmi' cu'qeevtu'kp'Kpf qpgukc'cpf 'yj g'Wpkgf 'Uvcgu'qh'Co gtkec'Vj g'ko r ngo gpvcvkp'qh'hqtgki p'kpxguo gpv'kp' Kpf qpgukc'gZR gtkgpegu'o cp { 'qduvcengu'f wq'q'f khhewn'cpf 'eqo r ndecvgf 'qhtgs wktgo gpw.'yj wu'k'dgeqo gu' c'r tqdngo 'hqt kpxguqtu'kp'Kpf qpgukc'cpf 'f qgu'yj g'uco g'yj kpi 'ctg'j cr r gp'kp'yj g'Wpkgf 'Uvcgu'qh'Co gtkec' Vj ku'uwf { 'cko u'q'kpf 'yj g'qduvcengu'qh'hqtgki p'kpxguo gpv'ecwugf 'd { 'hqtgki p'kpxguo gpv'tgs wktgo gpw' yj cv'cr r n { 'kp'dqy 'eqwptkgu'Vj ku'tgugcte'j 'ku'eqpf wevgf 'wukpi 'ugeqpf ct { 'f cv' d { 'cpcn { ukpi 'yj g'hqtgki p' kpxguo gpv'tgs wktgo gpw'kp'dqy 'eqwptkgu'Vj g'tguwmu'qh'yj ku'uwf { 'y knihkf 'c'eqo r ctkuq'qh'f khhewn' cpf 'gcu { 'tgs wktgo gpw'kp'Kpf qpgukc'cpf 'yj g'Wpkgf 'Uvcgu'qh'Co gtkec.'cpf 'tgs wktgo gpw'yj cv'kpxguqtu' pggf 'q'hpqy 'cpf 'yj cv'ctg'wughwihqt 'yj g'i qxgtpo gpw'qh'dqy 'eqwptkgu'Vj g'dgpghku't guwmu'qh'yj ku'uwf { ' ctg'gZR gevqf 'q'dg'ko r qtvcpr'kphqto cvkqp'hqt'kpxguqtu'y j q'r rcp'q'kpxguv'kp'Kpf qpgukc'cpf 'yj g'Wpkgf ' Uvcgu'qh'Co gtkec'cpf 'wughwihq'qtf gt 'q'wr f cvg'hqtgki p'kpxguo gpv'tgs wktgo gpw'kp'dqy 'eqwptkgu'

**Keywords:** kpxguo gpv.'Tgs wktgo gpw.'kpxguqtu.'Geppqo { "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### IMPLEMENTATION OF STATISTICAL AND DEEP LEARNING APPROACHES IN ESTIMATING GLOBAL MEAN SEA LEVEL RISE

Sergen TÛMSE<sup>1</sup>

<sup>3</sup>Cun0Rt qI0F t0'Ewmnt qxc 'Wpkxgt ukş. 'Gpi kpggt kpi 'Hcewnş. 'O gej cplkcn'Gpi kpggt kpi 'F gr ctwo gpv. 'Cf cpc. 'VÅtnkş g"

<sup>3</sup>QTEK 'KF <j wr u-İlqt ekş Qti İ222/2225/6986/969Z"

Umut ALCANSOY<sup>2</sup>"

<sup>4</sup>Uwf gpv. 'Ewmnt qxc 'Wpkxgt ukş. 'Gpi kpggt kpi 'Hcewnş. 'O gej cplkcn'Gpi kpggt kpi 'F gr ctwo gpv. 'Cf cpc. 'VÅtnkş g"

"

#### ABSTRACT

Qxgt tgegpvş gecf gu. 'erko cvğ'ej cpi g'j cu'dgeqo g'c' b clqt 'eqpegtp. 'ftkşkpi 'eqpvşpwşu'tkugulş'dqvş 'qegcp' cpf "cvo qur j gtle'vgo r gtcwt gu0Vj ku'r cvgt p'uwi i guşu'vj cv'ugc'rgxgn'u' y kn'İknşn' 'tkug'o qt g'tcr kf n' 'kş'vj g' hwwt g'vj cp'vj g' ş "f q'ewtgpvş (0E qpvşpwşf 'kpet gcugu'kp'ugc'rgxgn'eqwş "rgcf "vq'ugxgt g'pcwt cn'f kucvgtu' cetqu'vj g' i mşdg'0Hqt "vj ku'tgcucp. "ceewtcvşn' "hqt gecucşkpi "ugc'rgxgn'tkug" \*UNT + "ku' guşgpvşcn' hqt "hwwt g' r şppkpi "kş'ctgcu'İknş'tgukş gpvşcn'uchşvş. 'İmqşf 'r tşxgpşkş. 'cpf "eqcucn'İkş'cutwewt g'f gşgnş o gpv0Vj ku' tşugctej "clo u'vq" cuşgu'vj g' gşhşevşxşgpşgu' qh'dqvş "vctf kşkşpcn'cpf "f gşr "rgctşkpi "vko g'ugtşku" o qf gnu. "kşpnşf kpi "vj g'ugcucp cn'cwqt gi tşuukş g'kşvş tşvşf "o qşkş "cşxgtci g' \*UCTİO C+ "mqş "uj qt vşvto "o go qt { " \*NUVO + "pgwt cn'pgy qtm" cpf "i cvşf "tşewtşgpv'şpk' \*İ TW+ "kş' guşko cvşkpi "r tşugşpv'İ mşcn' o gcp "ugc'rgxgn' tkug" \*UNT +0Vj g'uwşf { "vşgf "c'f cvcugv'qş'588" o qşvş n' "UNT" tşgeqtşf u. 'y kş "4: : "tşgeqtşf u" \*9: ' +İtşo "İcpwct { " 3; ; 5" vq" F gego dgt "4238" cmşqcvşf "hqt "vj g'vctşkpi "r j cug" cpf "9: "tşgeqtşf u" \*44" +İtşo "İcpwct { "4239" vq" Lşpg "4245" tşugtxşf "hqt "vşuşkpi 0Vj g' tşguşm' "uj qş "vj cv'ş j kş" cm'f gşgnş g'f "o qf gnu' emşgn' "crki p" y kş " ceewcn' UNT "xcnşgu' f vtşkpi "vşuşkpi . 'vj g' NUVO "o qf gşncşj kşgu' c' j kş j gt "rgxgn' qş' ceewtşce { "kş' ku' r tşgf kşvşkşpu' eqo r ctşgf "vq" vş g' qşvş gtu' Y j gtşcu' vş g' o gcp "cduşnşwg" r gteşpşci g' gttşq " \*O CRG+ " cpf "o gcp" cduşnşwg" f gşxşcvşkşp " \*O CF + "kş' vş g' vşuşkpi "uşi g' ctşgf gşvşvşf "20557" " cpf "202345" eo "y kş "UCTİO C. "20: ; ; " " cpf "202: 6" eo "y kş "İ TW. "vj g' "ctşgf" qdşgtşxşf "cu" 20853" " cpf "2027: " eo "y kş "vj g' dşgu' ceewtcvş" o qf gşn' y j kş "ku' NUVO 0Hşvş gto qtş. "vj g' xşkşkşp' r mşv. "uj qş kş "vj g' r gcm' cpf "f kşvşkşvşkşp' kş' vş g' f cvş. "ku' vşgf "vq" eqo r ctşgf "vj g' r cvgt p' qş' r tşgf kşvşf "UNT" "xcnşgu' y kş "ceewcn' qşgu' 0Vj g' tşguşm' f go qşutşcvşf "vj cv'şj g' lşj cr gu' qş' vş g' eqşutşwşvşf "xşkşkşpu' ctşg' i gşgtşcm' { "crknş= j qş gşxgt. "vj g' NUVO "o gşvş qf "crki pu' o qtşg' emşgn' "y kş "vj g' qdşgtşxşf "f cvş0E qşpşgş wşpşvş. "vj g' cn' qtşkş o u' etşcvşf "kş' vş ku' uwşf { } cşxşg' vş g' r qşvşkşcn' vş' ugtşxşg' cu' r qş gşhşwi' kşutşwo gpşu' hqt "hqt gecucşkpi " cpf "vko wşcvşkpi "i mşcn' o gcp "ugc'rgxgn' tkug' 0Vj ku' tşugctej "y kn' dg' gztşgo gşn' " dşpşgşhşkşcn' hqt "r qşkş { o cnşgtu' cu' vş g' { "hqtşo wşcvş' lşvşcvş kşu' vş" cf f tşgu' vş g' ko r ceew' qş' erko cvğ' ej cpi g' qp' ugc' rgxgn' tkug. "rgxgtci kpi "vj g' o qf gnu' f gşgnş g'f "j gtşg' o"

**Keywords:** F gşr "rgctşkpi . İ mşcn' y cto kş " İ TW. NUVO. UCTİO C. "Ugc'rgxgn' tkug"



# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## WOMEN'S EDUCATION IN TURKEY BETWEEN 2000-2023: AN OVERVIEW

Ceyda AKILLI<sup>1</sup>

<sup>3</sup>" tOI 3/4OFt0'H,tcv©pkxgt ukxguk 'Hcnñng. 'F, " rk nkrgt 'Dtko k 'Grc/, . 'Vñnkf g0'

<sup>3</sup>QTEK 'KF <j wru<llqtekf Qti I222/2225/3; 4: /3346"

Muhammed TURHAN<sup>2</sup>"

<sup>4</sup>Rtql0Ft0'H,tcv©pkxgt ukxguk 'G kko 'Hcnñnguk 'G kko 'I 3/pgko k 'Grc/, . 'Vñnkf g0'

<sup>4</sup>QTEK 'KF <j wru<llqtekf Qti I222/2225/6299/8693"

### ÖZET

Ewo j wtkf gv' f 3/pgo kpf g" vgo grngt'k' cv,mp" Vñm' O krk' G kko " Ukxgo k" o krng{wo wp" dc ,pf c" o wcu,t" o gf gpkf gv'ugxk{gukpg" wrc o c{ , "j gf ghrng{gp" wñucn'r qrkknert,p" {cp, "u,tc" vqr nwo ucn'ekpukf gv'g krk kpg" f c{cn" wfi wrco crct,p} c{cvc'i g+tkno gukpkknng'gf kpgp'dkt" {cr, {c'gxtkno k vkt0Ctc vto cf c'pkgn'ctc vto c" {3/pvgo rgtkpf gp" dkt'qrnp" f qmño cp" cpcrk' k' {3/pvgo k'dgpko ugpo k vkt0'Dw'ner uco f c"4222/4245" { ,mct, " ctcu,pf c"nef ,p" g kko kpf g" {c cpcp" i grk o grngt'k' krk nkp" dki k'xg" dgrn grngt" vctcpctcn'i±g krk'r ctco gv'grngt" f c{cn" qmcten'cpcrk' "gf kno k vkt0Cpcrk' "uqpwevpf c"nef ,p" g kko kpf grk'i grk o grngt'k' krk nkp" r ctco gv'grngt" dgrkrngpo k " xg" plegn' xgtkrngt" dgrkrngpp" r ctco gv'grngt" cn,pf c" f Ñ grngpgtgn' {qtwo ncpo , vto' Dw' r ctco gv'grngt=ñ} ±qewmct,p,p'qmwr o c'qtcprct, . '8" {c 'xg" Ñ gt'k'dkt g{ rgtk'p' qmw{ c| ct,nmktcprct,pc' i 3/4g" f c ,no , . "kmqmwi'qmwr o c'qtcprct, . "kmqmwi'cp" qtvcqmwr" i g+tk "qtcprct, . "ekpukf gv'g" i 3/4g" qrcu, "g kko " uñgrngt'k' ekpukf gv'g" i 3/4g' qmwo c" {c| o c'g kko kpg'hcv,no "qtcprct, "xg" { Ñmgn'ñkucpu'xg'f qmqt c" {cr cp'nef ,p" 3/4 tgpelkc { ,mct, f, t0Dw'dc nmetc' i 3/4g' f Ñ grngpgp' xgtkrngt' cpcrk' "gf krngt'gn'ctc vto cp, p'dwri w'xg' uqpwrct, " ter qtrcpo , vto0Ctc vto c" uqpwrct, pf cp' j ctngwvng" g kko " r qrkknert, " Ñgvvp" xg" wfi wrc {cprctc' 3/pgtkrngt" uwpwro w wt0'

**Anahtar Kelimeler:** 'Mcf ,p. 'g kko . 'ekpukf gv'

"

### ABSTRACT

Vj g'Vwtñkuj 'P cvkqpcn'Gf wecvkqp'U{ ugo . 'yj g'hqwpf cvkqpu'qh'y j lej 'y gtg'ncf 'f wtkpi 'yj g'Tgr wdrkcp'gtc." j cu'gxqrxgf 'kpq'c' utwewt'g'j cv'cf qr w'vj g'tgcrk' cvkqpu'qh'i gpf gt'gs wcrk{/dcugf 'r tcevegu'cu'c' r tpekr ng" cu'y gni'cu'pcvqpcn'r qrkkgu'c'ko kpi "vq"tgcej "yj g'ngxgn'qh'eqpvo r qtct { "ekkrk' cvkqp"cv'yj g" wtp'qh'yj g" o krngppkwo 0'k' "yj g'tgugctej . "yj g'f qewo gpv'cpcn' uku'o gvj qf . "y j lej "ku"qpg'qh'yj g"s wcrkcvkxg"tgugctej " o gvj qf u. "y cu'cf qr vgf 0'k' "yj ku"eqpvzv. "kphqto cvkqp"cpf "f qewo gpv'u'tgi ctf kpi "yj g'f gxgnr o gpv'u'kp" y qo gp)u" gf wecvkqp" dgwy ggp" yj g" {gctu" 4222/4245" y gtg" uecpgf " cpf " cpcn' | gf " dcugf " qp" xctkquw" r ctco gvgtu0Cu'c'tguwv'qh'yj g'cpcn' uku. 'yj g'r ctco gvgtu'tgi ctf kpi 'yj g'f gxgnr o gpv'u'kp'y qo gp)u'gf wecvkqp" y gtg" f gvto kpgf " cpf " yj g" s wcrkcvkxg" f cvc" y gtg" qti cpl' gf " cpf " kpvr tgvf " wpf gt" yj g'f gvto kpgf " r ctco gvgtu0Vj gug" r ctco gvgtu'ctg<i knu) uej qqkpi "tcvgu. "f kutkdwkqp"qh'kpf kcf wenu'ci gf "8" cpf "qxgt" ceeqtf kpi "vq"rkgtce { "tcvgu. "r tko ct { "uej qqn'gptqmo gpv'tcvgu. "vcpukqp"tcvg'ltqo "r tko ct { "vq"ugeqpf ct { " uej qqn'r tqdcdng'f wcvkqp'qh'gf wecvkqp'd { 'i gpf gt. 'r ctvkr cvkqp'tcvgu'kp'rkgtce { 'gf wecvkqp'd { 'i gpf gt'cpf " pwo dgt'qh'ngo cng'i tcf wcv'cpf 'r quv tcf wcv'wvf gpv0Vj g'f cvc'qti cpl' gf 'tgi ctf kpi 'yj gug'j gcf kpi u'y gtg" cpcn' | gf . "yj g'kpf kpi u'cpf 'tguwv'qh'yj g'tgugctej "y gtg'tgr qtvgf 0'Uwi i gukqpu'y gtg' r tguvpvgf "vq"yj qug" y j q'r tqf wv'gf wecvkqp'r qrkkgu'cpf 'ko r ngo gpv'j go "dcugf "qp"yj g'tgugctej 'tguwv0'

**Keywords:** 'Y qo gp. 'gf wecvkqp. 'i gpf gt"



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W{i wro cf c"Qr gpCKlko cu,p,p" I RV"6"f ki'o qf grk'mwncp,ncem,t0W{i wro cp,p"Ukpqr "Opkgtukguk" I gt| g"O gurgm| "Amgnqmwnw"Dki kuc{ ct"Vgnpqmkgk" "D34Ao Ã"Uc nm'Dki K'Ukugo ngtk'Vgnplngtrk k' Rtqi tco ,pf c" "I Ãxgprk k'xg" ±k'uc n , "f gtu'k'nær uco ,pf c"¼ tgpekngtk" g kko kp"nævn"uc r{cec , " dgmmpo gmgf k0"

**Anahtar Kelimeler:** [ cr c{\ gm. " I Ãxgprk k" "Uc n , "

#### ABSTRACT

Ceeqtf kpi "q"y g"Y qtrf "J gcnj "Qti cplucvqp."j gcnj "ku'f ghkpgf "cu'y g'r j { ulecn'o gpvnc'cpf "uqekn'y gm dglpi "qh'r qqr ng0Vj g"Kpvtgpcvqpcn'Ncdqwt"Qti cpl'cvqp "f ghkpgu"qeevr cvkqpcn'ceekf gpv'cu'cp"gxgpv'y cv' ecwugu'wpr mppgf "f co ci g"qt"lplwt { 0Vj g"Uqekn'Ugewtk' "Kpukwkwqp" f ghkpgu"qeevr cvkqpcn'f kugcug"cu'y g" qeewtgpeg"qh'vgo r qtct { "qt'r gto cpgpv"mpguu. "f kucdkk' "qt'o gpvnc'r tqdrgo "kp"y g'y qtngt "f vg"q"y g" eqpf kkp'q'qh'y qtnm\* | f go k'("Ugtk'."4244-0Y j kg'cr r tqzko cvgn' "qpg'j wpt gf "y qwucpf "qeevr cvkqpcn' ceekf gpv'qeewtgf "cppwcm' "dgwy ggp"4222"cpf "4234. "k'kpetgcugf "gxgt { "{ gct'chgt"4234"cpf "gzeggf gf " hqwt"j wpt gf "y qwucpf "kp"423: 0Kp"4245."8: 3.623"qeevr cvkqpcn'ceekf gpv'qeewtgf "U M00 quv'qh'y g" qeevr cvkqpcn'ceekf gpv'kp"Vwtng{"qeevt "kp"o kplpi . "t'cpur qtv."o cpw'cewtkpi . "vgz'krg"cpf "eqpuv'wv'kqp" ugevtu0K'ku"pgeguuct { "q"lpetgcug"uwr gtxkukqp"cpf "r tqxk'g"pgeguuct { "t'cklpi u'kp"y gug"dwlkpguu"rkpgu" \*| ,m c| .4237-0"

Kp"y g"rkgtcwtg. "k'ku"ucv'gf "y cv'qeevr cvkqpcn'uchgv { "gzco u'hqt"go r m { ggu'ctg"i gpgtcm' "eqpf wv'gf "cu' vguu0"Vj ku'ukwcvqp"etgcvgu'y g'r qukd'k'k' "y cv'r qqr ng'y j q'vcng"y g"vgu'ecp"cpuy gt"eqttgwm' "gxgp"kh' y g { "f q'pqv'j cxg'npqy ngf i g'cdqw'y g's wguv'kqp" \*F cn' cp'gv'c'rd"4244-0Qeevr cvkqpcn'ceekf gpv'ctg"tkngn' " vq"lpetgcug"kp"y qtnr megu'y j gtg"qeevr cvkqpcn'uchgv { "t'cklpi u'ctg"pqv'cf gs wcvgn' "ko r ngo gpv'g 0Hqt"y ku' tgcup. "y g'o qaf "qh'y g"go r m { gg"ku'pgi cvkxgn' "chgevg' "qxgt "ko g0Vj ku'ukwcvqp"ecwugu'y g"go r m { gg" vq"ngcxg"y g'y qtnr meg0K'cf f kkp. "y g'r qqt "s wcrk' "qh'y g'y qtnr meg'y kn'o cng" k'f kh'ewv'vq" hkp' "pgy " go r m { ggu'cpf "q"nggr "y g'gz'k'k'pi "go r m { ggu' \*Dgmc .423; +0"

Tgugctej gtu"lpxguk' cvkpi "y g'ewtt gpv'ucv'g"qh' "Ct'w'lekn'Kp'vngi gpeg" \*CK"kp"y g'hgrf "qh'Qeevr cvkqpcn' J gcnj "cpf "Uchgv { "QJ U+cpf "j qy "CKcep"dg"wgf "ghgevg' "vq"ko r tqxg'y qtnr meg'uchgv { "cpf "j gcnj " j cxg"uwr r qtv'gf "y g'r qv'p'v'kn'qh'CKKp"ko r tqxk'pi "y qtnr meg'uchgv { "cpf "j gcnj . "dw'cnuq"o gpv'kpgf "ng { " ej cmgpi gu"uwej "cu" f cv' r tkx'ce { "cpf "ugev'kw' . " gj'lecn' eqpu'k' gtcv'k'pu. "nem' qh' uc'p'f ctf kucv'k'p" cpf " kp'gi tcv'k'p"y kj "gz'k'k'pi "u'v'ugo u" \*Cj o cf "gv'c'rd"4245-0"

Vj gtg'ku'c'rcem'qht'gugctej "qp'r tce'v'ec'nc'r r necv'k'pu'qh'CKKp"y g'hgrf "qh'QJ U" \*Ukxc"gv'c'rd"4243-0Kp"y ku' uwf { . "cp"CKUwr r qtv'gf "cr r necv'k'p"y kn'dg" f gxgnr gf "dcugf "qp"y g"QJ U"Ncy "f cv'gf "420804234"cpf " pwo dgtgf "8553"cpf "y g"QJ U"Ugtx'legu" Tgi wv'k'p" f cv'gf "4; 08404234"cpf "pwo dgtgf "4: 734"QH'lekn' I c| gw0I RV"6"rcpi wci g'o qf gr'qh'Qr gpCKEgo r cp { "y kn'dg"wgf "kp"y g'cr r necv'k'p0K'ku"gzr gev'gf "y cv' y g'cr r necv'k'p"y kn'eqv'k'dwg"vq"y g'gf wcv'k'p"qh'u'w'f gpv'u' y kj kp"y g'ueqr g'qh'Qeevr cvkqpcn'Uchgv { "cpf " Qeevr cvkqpcn'J gcnj "eqwtug"kp"Ukpqr "Wpkxgtuk' "I gt| g"Xqecv'k'p'nc'Uej qqn'Ego r wgt "Vgej pqm'j k'gu" F gr'ctwo gpv'J gcnj "Kp'ht'qto cvk'p"U'v'ugo u"Vgej plek'p"Rtqi tco o g0"

**Keywords:** Ct'w'lekn'Kp'vngi gpeg. "Qeevr cvkqpcn'Uchgv { . "Qeevr cvkqpcn'J gcnj "

#### KAYNAKÇA

Cj o cf . "UO'Gf'ctku. \ 0N0( "Lco cmf kp. "P 0K0U" \*4245-0Ct'w'lekn'Kp'vngi gpeg"cpf "O'cej kpg'Ngct'k'pi "kp" Qeevr cvkqpcn'Uchgv { "cpf "J gcnj <C" Tgx'ky "qh'Rtgugpv"Ucww. "Qr r qt'w'pk'kgu"cpf "Ej cmgpi gu'Dqt'pgq" Gpi kpggt'k'pi (" Cf xcpegf "O wnk' k'ek' rk'pct { "Kp'vtgpcvqpcn'Lqwt'pcn"4 \*Ur'gek'n'Ku'wg" \*VGEJ QP "4245-+." 39/440"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Dgmc .¥0\*423; +0' rgo gf g" "Uc n , "xg" I Åxgprk k'C±,u,pf cp'Mcrksg'I Åxgpeg'Ukxgo rgtkpkp" TqnÅJ cni'  
"Wwurtctcu, 'Go gm'xg" Vqr nwo 'F gti kuk": \*42+ '357/3790j wr u-1lf qkQti B2533; ; lj cnkuf gti 0764959"  
F cn{ cp." Q0" F cn{ cp." J 0" ©pen" GO" Rk nkp." O 0' \*4244+0¥ cn cprctc" Xgtkrgp" "Uc n , "xg" I Åxgprk k'  
G klo rgtkpf g" Mrcukn' xg" Cngtpevkh" " nto g/F g gtrngpf kto g" Ukxgo rgtkpkp" Mct ,rc vt, no cu, 0' ¥ cn o c"  
rk nkgtk'F gti kuk" 3. '336/34; 0'  
" | f go k. "HO" ( "Ugtk. "J 0' \*4244+0¥ cn cp" xg" Ugm<sup>3</sup>/4 rgtg" I <sup>3</sup>/<sub>4</sub> g" "Mc| cu, "xg" O gungn' J cuven , " uvcvkuk k'  
©| gtlpg" Dk" Ctc v, to c0' Vwtukuj " Lqwtpen' qh" Hqtguv' Uelgpeg." 8\*3+." 497/4: 70'  
j wr u-1lf qkQti B25454: lwtndhqtuek82: 87; 7"  
Ukxk. "G0T0'M0" Ukxk. "I 0' U0" ( "Ukxk. "N0I 0' U0" \*4243+0' Vj g" ej cmgpi gu" qh' k'pvgi tcvkpi "CKcpf "O N" k'p"  
qeevr cvkqpen' uchgv{ "cpf" j genj "o cpci go gpv'u{ ugo u0Lqwtpen' qh' Uchgv{ "Tgugctej . '74\*3+ '3/320'  
[ ,m c| ." [ 0' H0' \*4237+0' VÅnk{ gdf g" " Uc n , " xg" I Åxgprk k' Vghk rgtkpkp" uvcvkuknugi" C±, f cp"  
F g gtrngpf kko gul0KUI WE" Vj g' Lqwtpen' qh' k'p' wwtken' Tgrcvkpu" cpf "J wo cp" Tguqwtgu. '39\*4+ '98/; 30'  
"

ABSTRACT BOOK

AKTİF SPOR YAPAN BİREYLERİN SPOR TUTKUSUNUN SPORDA GÖREV PERFORMANSI ÜZERİNE ETKİSİNDE DİJİTAL SPOR OYUNLARI OYNAMA MOTİVASYONUNUN ARACILIK ROLÜ

THE MEDIATING ROLE OF MOTIVATION TO PLAY DIGITAL SPORTS GAMES ON THE IMPACT OF SPORTS PASSION ON TASK PERFORMANCE IN SPORTS AMONG ATHLETES

Orçun KEÇECİ\*

, Quo cplk'g'Mqtmw'Cvc'©pkxgt ukaguk'Tgmt gcuf qp'[ 3/pgvko k'D3/4Ao Ā 'QTEKF <222/2224/3; 2; /62; Z"

Yasemin KÖROĞLU\*

, Quo cplk'g'Mqtmw'Cvc'©pkxgt ukaguk'Tgmt gcuf qp'[ 3/pgvko k'D3/4Ao Ā 'QTEKF <222; /2224/; 464/: : 84"

ÖZET

Ur qt."dlt g{ rgtkp' h'k kmgn" | kj kpugn'xg"uqu{ cr'i grk ko rgtkp' n'v m"uc r{ cp"3/pgo ik'dlt "gmkprkmt0'Ur qtf c" dc ct. {c" wrc o cp,p" r gni'±qni' hcm3/4f gp" gmkrgpf k k' dtko ugn' qrtcnl' qtc {c" nq {wrc cmcf ,t0'Vwmw" xg" r gthqto cpu'nextco rct, "f c"dw'hcm3/4rnt "ctcu,pf c" {gt"cm cmcf ,t0'Dw'dc rco f c"ctc vto cp,p"co ce, "ur qt" wmwuwpp'ur qtf c'i 3/4gx'r gthqto cpu, "Ā gt kpf gnk'gvnkulpk'vgr k'gf gdko gmkOCpecn'dw'pqmcf c"o qf gtp" ±c ,p" {c {i ,p" dq " | co cp" w te rct,pf cp" dkt' qncp" f lkcni' q {wprct "f c"ctc vto c {c" f c j ki' gf ko gmgf kt0' Ctc vto cf c" ur qt" wmwuwpp" ur qtf c" i 3/4gx" r gthqto cpu, "Ā gt kpf gnk' gvnkulpf g" f lkcni' ur qt" q {wprct, " q {pco c' b' qvxcu{ qpwpw'ctce, n' nlt qn'p' Ā' dgrt rgo gnlj gf ghgpo gmgf kt0'Dw'j gf gh' f q t wmwuwpp" c" {cr ,ucn' g k' rkn' o qf grkpg' f c {cn' plegn' dkt'ctc vto c"vcuctmpo , vto0' Ctc vto cp,p" gxtgpk' VĀ' nkl' g' g' cmkh' qrtcnl' ur qtrc' w te ,tngp' c {p, | co cpf c' f lkcni' ur qt' q {wprct, f c' q {pc {cp' dlt g{ rgt' qrtcnl' dgrt rgo k vlt0' tpgmgo " i twdw' kug"ctc vto c {c" i 3/4p' Ā' n' Ā' qrtcnl' n'v, n' o " uc r{ cp" 73: " ur qtew' cp" qnw o cmcf ,t0' Mcv, n' o e, rctc" n' qrc {f c" 3/4pgmgo g" o gvqf w' krg" wrc ,necm, t0' Mcv, n' o e, rctf cp" xgtk' vqr r{ cdko gni' k' k'p" Mk kugni' Dki k' Hqto w" Ur qt" Vwmw" n' g k" Ur qtf c" i 3/4gx" Rgthqto cpu, " n' g k' xg" F lkcni' Ur qt" Q {wprct, " Q {pco c" O qvxcu{ qpw" n' g k' p' k' {gt' crf, , " dkt' cpngv' hqto w' n' wmp, m , vto0' Xgtk' cpcrk' k' c' co cu, pf c" j kr qvg' rgt" {cr ,ucn' g k' rkn' o qf grkrg' vgu' gf ko k vlt00 qf grk' qnw wo w' h' q' g' r' u' q' p' c' p' r' k' f' q' t' wrc {, e, hcm3/4' c' p' r' k' k' o qf gn' w' wo " k' p' f' g' m' r' g' t' k' u' c' p' f' c' t' f' k' g' g' f' ko k' " t' g' i' t' g' u' {q' p' } { Ā' m' g' t' k' } { cr, " i' g' ±' g' t' r' k' k' k' x' g' d' q' q' w' t' c' r' " v' g' n' p' k' k' r' g' ctce, n' n' i' v' g' u' k' w' i' wrc o crct, p, p" {cr ,m cu, " krg" i' g' ±' g' m' g' o k vlt0' Cpcrk' " uqpw' ±' rct, " ur qt" wmwuwpp" ur qtf c" i 3/4gx' r' gthqto cpu, " Ā' gt k' p' f' g' n' k' k' q' r' w' w' p' w' x' g' d' w' g' v' n' k' f' g' f' l' k' c' n' i' l' r' q' t' q' {wprct, " q {pco c' b' qvxcu{ qpwpw" f c" ctce, n' n' i' t' q' n' Ā' p' f' g" q' r' w' w' p' w' i' 3/4v' g' t' o' g' m' g' f' k' t' 0' Rtcv' n' i' c' p' r' c' o' f' c" kug" ur qtrc' w te cp" dlt g{ rgtkp" ur qt" wmwuwpp, p, p" gvnk' r' gthqto cpu" f 3/4p' Ā' o' g' u' k' k' p' f' l' k' c' n' i' l' r' q' t' q' {wprct, " q {pco crct, p, p" n' v' m" uc rctf, , " ±, n' ct, o , " {cr ,m cmcf ,t0' Dw' ±, n' ct, o " uqpw' w' p' f' c. " f lkcni' q {wprct, p" ur qtf c" ±g k' r' k' n' e' x' t' c' o' rct " Ā' gt k' p' f' g' n' k' gvnkulpk' f' g' l' p' e' g' n' p' o' g' u' k' 3/4p' g' t' k' o' g' m' g' f' k' t' 0' "

Anahtar Kelimeler: "Ur qt. "Vwmw" Rgthqto cpu. "F lkcni' q {wp. "O qvxcu{ qp"

ABSTRACT

Ur qt w' ctg' c" uki p' h' l' e' c' p' v' c' e' v' x' k' v' { " v' j' c' v' e' q' p' v' t' k' d' w' g' u' " v' j' g' r' j' { u' l' e' c' n' " o' g' p' v' c' n' " c' p' f' " u' e' l' e' c' n' i' f' g' x' g' m' r' o' g' p' v' q' h' k' p' f' k' x' k' f' w' c' n' o' U' e' l' g' p' w' h' e' c' m' f' . " k' v' j' c' u' d' g' g' p' u' j' q' p' " v' j' c' v' u' w' e' e' g' u' u' " l' p' " ur qt w' i' k' u' i' k' p' h' w' g' e' g' f' " d { " o' cp { " h' c' e' v' q' t' u. " k' p' e' n' w' f' l' p' i' " v' j' g' e' q' p' e' g' r' u' q' h' r' c' u' u' k' a' p' " c' p' f' " r' g' t' h' q' t' o' c' p' e' g' o' k' p' " v' j' k' u' i' e' q' p' v' g' z' v. " v' j' g' c' l' o' " q' h' v' j' k' u' i' u' w' f' { " k' u' v' q' k' f' g' p' v' k' h' { " v' j' g' l' o' r' c' e' v' q' h' " ur qt w' i' r' c' u' u' k' a' p' " q' p' " v' c' u' m' i' r' g' t' h' q' t' o' c' p' e' g' " l' p' " ur qt w' i' o' C' v' j' k' u' i' r' q' l' p' v. " f' k' i' k' e' n' i' l' r' c' o' g' u. " y' j' l' e' j' " c' t' g' " q' p' g' " q' h' v' j' g' r' t' g' x' c' r' g' p' v' r' c' u' v' k' o' g' u' " q' h' v' j' g' o' q' f' g' t' p' " g' t' c. " c' t' g' " c' n' u' q' " k' p' e' n' w' f' g' f' " l' p' " v' j' g' t' g' u' g' c' t' e' j' o' V' j' g' u' w' f' { " c' l' o' u' " v' q' " f' g' v' t' o' k' p' g' v' j' g' b' g' f' k' e' v' l' p' i' " t' q' r' g' " q' h' v' j' g' b' o' q' v' x' c' v' k' a' p' " v' q' l' r' r' c' { " f' k' i' k' e' n' i' l' r' q' t' w' i' c' o' g' u' " q' p' " v' j' g' g' h' h' e' v' q' h' " ur qt w' i' r' c' u' u' k' a' p' " q' p' " v' c' u' m' i' r' g' t' h' q' t' o' c' p' e' g' " l' p' " ur qt w' i' o' H' q' t' " v' j' k' u' i' r' w' t' r' q' u' g. " c' s' w' c' p' w' k' e' v' k' x' g' " t' g' u' g' c' t' e' j' " f' g' u' k' i' p' " d' c' u' g' f' " q' p' " c' " u' t' w' e' w' t' c' r' i' "

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gs wcvkqp"o qf gr'y cu'f gxgrqr gf 0'Vj g"uwf { "r qr wcvkqp"eqo r tkugu"lpf kxkf wcu'lp"Vwtng{ "y j q"cevkgn{ " r ctvkr cvg'lp"ur qtu'y j kg"cnq'r r { lpi "f ki kcn'ur qtu'i co gu0Vj g'uco r ng'i tqwr "eqpukuu'qh'73: "cy ngvu" y j q" xqnpwctkn{ " r ctvkr cvgf " lp" y j g" uwf { ." tgcej gf " wukpi " y j g" eqpxgpkppeg" uco r rki " o gj qf 0' C" swgukppckg'hqto . 'kpenf lpi "y g'Rgtuqpcn'kphqto cvkqp'Hqto . 'Ur qtu'Rcuukqp"Uecrg."Vcun'Rgthqto cpeg" lp"Ur qtu'Uecrg."cpf "F ki kcn'ur qtu'I co gu'O qvxcvkap"Uecrg."y cu'wugf "vq"eqmgev'f cvc'htqo "r ctvkr cpw0' F wt lpi "y g'f cvc'epcn'uku'r j cug.'j { r qy gugu'y gtg'vugvf "wukpi "y g'ut wewtcn'gs wcvkqp"o qf gr0Vj g'o qf gr'u" f gxgrqr o gpv'kpxqrgf "eqttgrcvkqp'cpcn'uku."eqphko cvqt { "hcevt'cpcn'uku."o qf gr'hw'lpf legu."ucpf ctv k gf " tgi tguukqp"y gki j w."cxgtci g"xctkpeg"gzvcevgf ."eqo r qukg"tgrkcdkx{ "xcnngu"cpf "o gf kvkqp"vukpi " y j tqwi j "y g"dqqwter "vej pls wg0'Vj g"epcn'uku't guwuu'lpf lecvg"y cv'ur qtu'r cuukqp"uki pkhecpv{ "chgevu" vcun'r gthqto cpeg"lp"ur qtu."y kj "o qvxcvkap"vq"r r { "f ki kcn'ur qtu'i co gu'ugt x lpi "cu"o gf kvqt "lp"y ku" ghge0'lp"r tcevecn'vto u.'k'ku'kphgttgf "y cv'r r { lpi "f ki kcn'ur qtu'i co gu'eqpv'kdwgu"vq"y g'tcpuhqto cvkqp" qh'ur qtu'r cuukqp"lpvq"ghgevkxg'r gthqto cpeg"co qpi "ur qtu'r ctvkr cpw0'Dcugf "qp"y ku'kphgtgpeg."k'ku" uwi i guvgf "vq"gzco kpg"y g'ghgevu"qh'f ki kcn'i co gu'qp'xctkqu'eqpegr w'lp"ur qtu0'

**Keywords:** "Ur qtu."Rcuukqp."Rgthqto cpeg."F ki kcn'i co gu."O qvxcvkap"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EXAMINING THE EFFECTS OF EXPLOITATIVE LEADERSHIP ON EMPLOYEE PERFORMANCE A STUDY IN AFGHANISTAN

Ahmad Reshad RAOFI

Cpntc "I kft ko "Dg{c/k'Wpkxgtukf. "Kpuakwg"qh'Uqekcn'Uekpegu. 'O cpci go gpv'cpf "Qti cpk'cvkqp."

Cpntc. "Vwtnk'g"

j wru<llqtekf Qti D22; /222; /7766/; 944"

#### ABSTRACT

Vj ku'uwf { "gzco kpgu"vj g" f { pco leu"dgw ggp"gzr mjkcvkxg"ngcf gtuj kr "cpf "go r m{gg"vcun'r gthqto cpeg" y kj kp'vj g'eqpvz'v'qh'Chi j cpkucp)u'eqo r ngz'uqek/r qrk'ecnr:cpf uecr gOD{ "kpxguki cvkpi "j qy "gzr mjkcvkxg" ngcf gtuj kr "r tcevegu'o cpk'gu'cpf "kphwpege"go r m{gg"r gthqto cpeg"kp"fkxgtug"qti cpk'cvkqpcn'ugv'kpi u." vj g"tgugctej "ftcy u"wr qp"s wcp'kcvkxg"fcv"eqmgevgf "Htqo "357"r ct'v'ekr cpvu"kp"Chi j cpkucp"vj tqwi j ." uwtxg{u'cpf "c'etquu/uge'v'kqpcn'uwf { "f guki p'y cu'go r m{gf'0'Vj g'uwf { "hqwpf "vj cv'gzr mjkcvkxg"ngcf gtuj kr " dgj cxkqtu"ko r cev'go r m{gg"vcun'r gthqto cpeg"uki p'k'ecp'v' " cpf "pgi cvkxgn{0' Vj g" h'kp'kpi u" clo " vq" eqpvtkdwg"vq"cf ggr gt"wpf gtucpf kpi "qh'vj g"ko r r'ecv'kpu"qh'gzr mjkcvkxg"ngcf gtuj kr "kp"cv'kps wg"ew'w'w'cn' cpf "eqpvz'wcn'gpxktpo gp'0'Vj g'uwf { "gzr m'gtu"vj g"pwcpegf "y c{u"kp"y j lej "gzr mjkcvkxg"ngcf gtuj kr " dgj cxkqtu"ko r cev'go r m{gg"vcun'r gthqto cpeg."r tqf v'ek'v'k'f. "cpf "qxg'cm'qti cpk'cvkqpcn'gh'ge'v'k'g'p'gu'0D{ "gzco k'kpi " tgen'y qtrf" uegpct'kqu" cpf "gzr g'k'pegu." vj g" h'kp'kpi u" clo " vq" eqpvtkdwg" vq" c" f ggr gt" wpf gtucpf kpi "qh'vj g"ko r r'ecv'kpu"qh'gzr mjkcvkxg"ngcf gtuj kr "kp"cv'kps wg"ew'w'w'cn' cpf "eqpvz'wcn' gpxktpo gp'0' Vj g"uwf { "kf gp'v'k'gu"uki p'k'ecp'v' ej cm'gpi gu" h'ceg" d{ "go r m{ggu"wpf gt"gzr mjkcvkxg" ngcf gtuj kr ."j ki j r'ki j v'kpi "r qv'p'v'cn'cxgpwgu"ht"qti cpk'cvkqpcn'k'p'v'g'x'g'p'v'k'p"cpf "vj g"ew'w'k'cv'k'p"qh'o qtg" gj kecn" go r qy g'kpi "ngcf gtuj kr "r tcevegu'0' Vj ku"tgugctej "wpf g'ue'q'tu"vj g"ko r q'tv'peg"qh' h'q'v'g't'kpi " ngcf gtuj kr "u'v'rgu"vj cv'gpj cpeg"go r m{gg"y gm'dgkpi "cpf "qti cpk'cvkqpcn'uweegu"kp"Chi j cpkucp"cpf " dg{qpf ."y kj "go r m{gg"vcun'r gthqto cpeg"cu'vj g'f gr gp'v'x'ct'k'drg"cpf "gzr mjkcvkxg"ngcf gtuj kr "cu'vj g" k'p'f gr gp'v'x'ct'k'drg'0

Keywords: "Gzr mjkcvkxg"Ngcf gtuj kr ."Go r m{gg"Vcun'Rgthqto cpeg."Go r m{gg"y gm'dgkpi 0"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Ego cri'Vqmw."Vwti ww\ clo "cpf "Dgf tk'Tcj o k'G{ Ådq nw'Vj g'tgugctej "ku'r cwgtpgf "kp"vj g"s wcrkcvkxg" uecppkpi "o qf gr' k'p" cf f k'kp. "cu" c" o gvj qf "y kj kp" vj g" ueqr g" qh' vj g"tgugctej . "y qtm' cpcn{ ugu" y gtg" eqpf wevgf 0Vj g'tgugctej 'ku'iko kgf "v'vj g'r mvke" cpcn{ ugu'qh'Ego cri'Vqmwu'\$Vqr tcm'Cpc\$. "Vwti ww\ clo u" \$J co wt"C±cp "Mcf ,p\$. "Cpcf qmw\$. "Dgf tk'Tcj o k'G{ Ådq nw'"\$Cppg"xg"¥ qewn\$. "\$¥ kv±k' Ckrug\$0Y j kg" Ego cri'Vqmw'kpvgtr tgu'vj g'o qvj gt"cpf "ej kf "hi wgu'lp"j ku'r ckvki u'lp'rkpg'y kj "vj g'uv' ng'wpf gtucpf kpi " j g'f gxgr gf "d{ "dgkpi "k'ur kgf "d{ "vj g'mwv'htqto u'qh'Cpcvkrp/J kwkg'ctv="Dgf tk'Tcj o k'G{ Ådq nw'y kj " c"hmmtle"wpf gtucpf kpi "k'hwgpegf "d{ "Cpcvkrp"go dtqkf gt { "cpf "eqmtu="Vwti ww\ clo . "qp"vj g"qvj gt" j cpf . "f gr k'vgf "vj g"o qvj gt"cpf "ej kf "hi wgu'vqi gvj gt"y kj "vj gk"gpvkrqpo gpvri'ej ctcevtk'ku. "kp'rkpg" y kj "j ku"qy p"uv'ng"wpf gtucpf kpi "kp"j ku'r ckvki u. "cpf "kp'rkpg"y kj "vj g"wpf gtucpf kpi "qh'Cpcvkrp" y qo gp'u'ko k'rt'hi wgt'uej go cvkuo 0

**Keywords**<Vwtikuj "Rckvki . "Ego cri'Vqmw."Vwti ww\ clo . "Dgf tk'Tcj o k'G{ Ådq nw"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ÖZET

F Āp{c"pĀnwuwpp"i kf gtgn'ctvo cu,{r"dkrkmg"}c{xcpu'r tqvqk"lj v{k ce,."vĀngwo k'xg"vrgdk'f g"3pgo rk" f Ā g{f g'ctvo cmcf,t0Dw\crgdkhct ,ro cmk±p"mĀo gu'j c{xcprt,pf cp'grf g'gf krgp'gv'xg"}wo wtvc"ĀĀprgtk" gnupqo kn'c±,f cp" xg" ukpf k'ko grgtk'kp" nqr{ " qm cu," pgf gpk'rg" 3pgo rk' dk" {gtg" ucj k' kt0 " MĀo gu" j c{xcpe,n , " Āgwo kpf gnk' krgtgo grgt" uc{gukpf g" vĀngv'ekrgt'p" vcrgr rgtk'p" w{i wp" gnkf g" xg" uc nmn" dgurgpo guk'k±p'ugpv'gn'go "nēvm"o cf f grgtk'p"}{gtk'p'f q' cn'ĀĀprgtk'p"mwncp,o ,pc"}{3pgrkn'ctc vto crct" i kf gtgn'ctvo cmcf,t0Dw}{Ā f gp."4228"}{,npf cp"kkdctgp"r gn'±qm'Āmgf g"j c{xcp"dgurgo gf g"dĀĀ Āo g" w{ct,e,"cp'vdk'q'vkn'gt'p"mwncp,m cu,p,p"}{cuen'p'o cu,{r"dkrkmg"gv'xg"}{wo wtvc"nērk'guk'p'ctw,t,ro cu,"xg" ugm'4 gn'dĀĀ Āo g{k'v'g xkn'gvo gn'k±p"fq' cn'ĀĀprgtk'p"mwncp,o , "vcrgr"gf k'ko g{g"dc rpo , vto'MĀo gu" j c{xcprt,p,p" nēto c" {go rgtk'p'g" r tqdk'q'vkn'gt." r tqdk'q'vkn'gt." qti cpln' cukrgt." cp'vko kn'qdk'cn' xg" cp'vkn'gt'cp'gn'k'k'dkn'kug'n'gmvt cmrct."ukpf k'ko k'f guv'gm'g{gp"gm'ql'gp'gp} ko rgt'xg'v'qm'k'p'dc r{,e,rc't'i kdk' nēvm"o cf f grgtk'Ā' gt'k'p'g"±cn o crct"}{q' vprc o , vto'CP'vkn'gt'cp'3 gn'k'gt'k'p'gf gpk'rg"r qtvenen'iko qp" xg"i tg{hwt'v'i kdk'wt'wp±i kn'gt"i gpgn'kmg"o g{xg"uw'w"}{cr ,rf ,mcp"uqpte"o g{xg'p'p'r qucrct,"xg"nēdw'ncrct," cv,m cmcp"}| k'cf g"j go "two k'p'cp'v'dgurgo gf g"j go "f g"nĀo gu'j c{xcprt,p,p"dgurgpo guk'p'g'tcu{qprctc" knēo g" {c"fc"krxg"qrctem'mwncp,m cu,"dĀĀ Ān'3pgo "ct| "gvo gmgf k'0" | gn'kmg"pct'gpek'g"nēdw'ncrct," hrcxqp'qkf rgt." r qn'k'p'qmg" \*pqdk'rg'v'p." j gur g'k'f'k'p." pct'k'p'k'p." r qn'ko gv'qm'k'rg" hrcxqprct" xg" v'cpi'gt'gv'k'p±" nētv'q'p'qkf rgt"\*r ki o gp'vgt±"F/iko q'p'gp"\*guc'p'k'g'n'c ±"nētd'q'p'kf t'cvrct"\*f k'g'v'n'k'gt'k'r gm'k'p."ugn'Ān'q|"xg" j go kug'n'Ān'q| ±'xg'v'ncr'p,t,e,"dk'rg kn'gt."cun'q't'dk'n'cuk'v'hp'q'r'kn'k'dk'rg kn'gt."nwo ctk'p."r gm'k'p."w±vew'c{c rct,p" {cp,u,tc"fk'gt"o g{xgrgt"i kdk'rk'h"r q'cu{wo ."hq'rv'v'ko k'p."p'k'cuk'p."D8'xg'E'xk'co k'p'k'h'q'uh'qt."o ci pgl {wo ." dcmt."tkdq'hrcxlp."r cp'v'q'p'kn'cuk'v'i kdk'dk'±qm'd'guk'p"o cf f guk'k±gto gmgf k'0'Dw"vĀ "kn'k'pek'o gvcd'q'rk'rgt" ucj k'r" q'ncp" pct'gpek'g" nēdw'ncrct," f , ct," cv,m cmc" xg" ±gxtg" n'k'rk'k'k'p'p'gf gp" qm cmcf,t0' O gxew' ctc vto crct."k'rgpo k' b'g{xgrgtk'p}{cp"ĀĀprgtk'p'p."j go "{wo wtvc,e,j go "f g'gv'kn'k'k'±'dgurgpo guk'p'g'gv'kn'k' dk" gnkf g"mwncp,rdk'rg'eg k'p'k'i 3'v'ngto gmgf k'0'Dw}{cp"ĀĀprgt."ucf geg"j c{xcp"dgurgo g"o cirk'g'v'gt'k'p'k' c| cno cmc"nēvm c{,r" c{p,"| co cp'f c" ±gxtg" n'k'rk'k'k'p'p'3'p'rgpo guk'p'g" nēvm'f c" d'w'w'p'o cmcf,t0' O g{xg" cv,mct,p,p"j c{xcp}{go rgtk'p'g'f'cj'k'i'gf'k'ko guk'p'p'."tcu{q'p'w'rg}| gv'kn'k'k'p'k'uk'p'f'k'k'gd'k'k'k'k'k'p'k'ct'w'tf , , "xg" f'q'r{,u,{r"}{go 'b'cirk'g'v'k'p'k'f'Ā'Āto g'p'k'p"}{cp,"u,tc"}{go 'vĀngwo k'p'k'ct'w'tf , , 'dg'rk'v'ko k'kt0| cr ,ncp'h'k'gt'cv'Ā" ±cn o crct,pf c'r qtvenen'hēdw w'vq| w'p'w'p"Lcr qp"d,rf ,te,prct,"nēto c"}{go rgtk'p'g'krxg"qrctem'mwncp,m cu," k'rg'k'i'k'k'±qm'u,p,tn"uc{,f c"rk'gt'cv'Ā'g"tcu'v'p'o , vto'Dw'f'gr'go g'p'k'p"co ce,."Lcr qp"d,rf ,te,prct,"\*Eqwt'pkz" eqwt'pkz" lcr q'p'lec±" tcu{q'p'ncrct,pc" r qtvenen' {cp" ĀĀprgtk'p'p' r qtvenen' nēdw w' vq| w' k'rxg'guk'p'p' dguk' r g'ht'qto cpu,"Ā' gt'k'p'g'gv'kn'k'k'ctc v't,rc'tem'k'k'ko g'nēvm"uc rpo cu,"co c±rpo , vto'

**Anahtar kelimeler:** Lcr qp"d,rf ,te,p,."r qtvenen'hēdw w'vq| w'dguk'r g'ht'qto cpu,"nēto c"}{go "

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"

ABSTRACT BOOK



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

İçerik g'itgixcpvF gr ctvo gpvly j q'eqwrf "cpcn| g'vj g'tgrvqpuij kr "dgy ggp'vj g'f ki kcn'vtcpuhqto cvkqp'r tgeguu" c'p'f "lq'd'ugctej "eqpegtpu0k'vj ku'y c{. 'vj g'tgrvqpuij kr "dgy ggp'uwf gpw)'f ki kcn'vtcpuhqto cvkqp'r tgeguu" c'p'f "lq'd'ugctej "cpzkgv\ "rgxgn'y cu'f gvgto kpgf 0'k'cf f k'kqp."vj g'tgcuqpu"ht"vj g'tgrvqpuij kr "dgy ggp" f ki kcn'vtcpuhqto cvkqp'r gtegr v'kpu'c'p'f "lq'd'ugctej "cpzkgv\ "rgxgn'y g'g'v'k'f "v'q'dg'tgxgcrf 0"

**Keywords:** F ki kcn'vtcpuhqto cvkqp. 'Lq'd' Cpzkgv\ . 'Rwdile' Cf o k'k'v'k'p'0

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ANONİM ŞİRKETLERDE ELEKTRONİK GENEL KURUL SİSTEMİ  
ELECTRONIC GENERAL ASSEMBLY SYSTEM IN JOINT-STOCK COMPANIES"

Süleyman KAELNDER<sup>1</sup>

<sup>3</sup>Ct 01 3/40F t0'Quo cpk g'Mqt mw'Cvc '©pkxgt ukxguk "mkucf kXg" f ct k'Drko rgt 'HcnAmguk 'Quo cpk g."  
VAt nk g"

<sup>3</sup>QTEKF "KF <2222/2223/7; ; 6/734Z"

ÖZET

Cpqpk " kngvgtf g'i gpgnmt wlvqr rcpv,rt,pc'nev,no ,p'kugpkrgp'f Ā g{ f g'qm co cu, .mā-ānī c{ 'ucj kr rgtk' kēp'i gpgnmt wlvqr rcpv,rt,pc'nev,m cp,p' co ep'xg'o cutch'epico ,pf c'ekf f k'dk'māhg'qrctcnī 3/4 Āo guk' i kdK' pgf gprgrg" kngvkp" i grgeg k'rg" ki kēk' cnpeecnī 3/pgo ik' nctctrt,p" dgrtk' r c{ " i twr rct,p,p" grkp g" d,tcmm cu,"ucmpecu,p,"f q vto cmcf ,t0'I gpgnmt wlvqr rcpv,rt,pc'nev,no ,p'ctv,t,m cu,"co ce,{rc." r c{ " ucj kr rgtk'p' u3/4 'nqpwuw'vqr rcpv,rt,c'nev,no rct,p,p'grgmtqpkn'qtvc f c'i gt±gmng vktkgdkreg k'f Ā Āpeguk' vāo "f Āp{ cf c'dā{ Ānīugu"i gvt o k vkt0'Dk±qnīf gxrgv'k±'o gx| wcv,pf c'dw}{ 3/pf g'f g k knk g"i kf gtgm"i gpgn' mtwrt,p'grgmtqpkn'qtvc f c' cr ,m cu,"kēp"i gtgm'cn{ cr , ±cn o crct,p,"j ,| rpf ,tf , , "i 3/4 Āo gmgf kt0' VĀnīj wmwūukugo kpf g'8324'uc{ ,n"VĀmVlectgv'Mcpwpw'kg'knīngl "w{ i wcpo c{ c'dc rc{ cp"ōGrgmtqpkn' I gpgnMwt wlvUkugo kōCxtwr c'Dkrik KF k'gmkn'gtk'p'g'co "dk'w{ i wmwūuk'gtk'p'g'g' g'x| wcv" { gt'k'k'crctem" { cdcepe,"j wmwūukugo rgtk'p' g'f g'v'cnf k'rg'net ,rpo , vt0'VĀnk' g'f g' u3/4 "nqpwuw" { cucnīf Ā g'pigo grgtk'p' { Ā ĀnĀ g"i kto guk' rg" dgtcdgt."grgmtqpkn'qtvc f c' cr ,mecnī gpgnmt wlvqr rcpv,rt,pc'nev,m c. 3/pgtk' g' dwmwo c. "i 3/4 Ā "c±,mco c" xg" q{ " xgto g." vqr rcpv,{ c' h' k' k' q' rctcnī nev,m cp,p" vāo "j wmwūuk' uqpw'rt,p," f q wtcec , "j Āo g"dc rpo , vt0'J kuugrtk'dqtuc{ c"nqvg"gf kn k "j cme" c±,m'cpqpk " kngvgtf g"i gpgn' mtwlv' qr rcpv,rt,p,p' grgmtqpkn' qtvc f c' { cr ,m crct, " | qtwp'w'j crg" i g'v'k'k'ngp. "j cme" ner cn" cpqpk " kngvgt' k'g" j kuugrtk'dqtuc{ c"nqvg"gf kn go k "j cme" c±,m'cpqpk " kngvgtf g" kug'vqr rcpv,rt,p'grgmtqpkn' qtvc f c' { cr ,nr " { cr ,m c{ cec , " kngvgtk'p" kug' lpg" d,tcmm , vt0'¥ cn o co , | f c' cpqpk " kngvgtf g" w{ i wco c'crp,"dwcp'grgmtqpknī gpgnmt wlvukugo k'p'k' rg{ k' k'p'g'f gvc{ n"dk" gnkf g' { gt' xgtk' k vkt0'

Anahtar Kelimeler: 'Grgmtqpkn'Qp'rk'p'I gpgnMwt wlv " pvgt'p'g'v' I gpgnMwt wlv'vqr rcpv,u, 'Grgmtqpkn' I gpgn' Mwt wlv'Ukugo k0' "

ABSTRACT

Vj g'ny "rgxgn'qh'r ct v'ekr cvk'p'kp"i gpgt'cn'cuugo dn{ "o gg'v'p'i u'qh'lq'p'v'wqen'leqo r cp'kgu."eqo dk'p'gf "y kj " vj g'r gtegr v'k'p" co qpi "o k'p'qt'k'f "uj ct'gj q'rf gtu" vj cv'cw'g'p'f k'p'i "vj gug"o gg'v'p'i u'eq'p'w'w'gu" c"uki p'k'hecp'v' dwt'f g'p'kp"v'gto u'qh'v'ko g'cp'f "g'zr g'pug."t'clugu'eq'p'eg'p'u'cd'q'w'rg'cx'k'p'i "et'w'ek'n'f'g'ek'uk'q'p'u'eq'p'eg'p'l'p'i "vj g' eqo r cp{ u' h'w'w'g"kp" vj g"j cp'f u'qh'egt'v'k'p"uj ct'gj q'rf gtu" i tq'w' u0' Vq" cf f t'g'u" vj ku'ku'w'g" cp'f "k'p'et'g'cug" r ct'v'ekr cvk'p'kp"i gpgt'cn'cuugo dn{ "o gg'v'p'i u."vj g'k'f'g'c"qh'uj ct'gj q'rf gtu"r ct'v'ekr cvk'p'i "gr'g'v't'q'p'k'ec'm{ "j cu" i cl'p'g'f "uki p'k'hecp'v'cw'g'p'v'k'p'y q'rf y k'f g00 cp{ 'eq'w'p'v'k'g'u"j cx'g'co g'p'f'g'f "vj g'k'f'qo g'v'k'e'rg'i k'ur'v'k'p'kp"v'j ku' t'g'i ct'f 'cp'f 'ce'eg'nt'cv'g'f'gh'ht'w'v'q'g'v'cd'rk'uj "vj g'p'g'g'eu'ct { 'k'p'ht'c'ut'w'ew'w'g'ht'eq'p'f'w'v'k'p'i "i g'p'g't'cn'cuugo d'rk'g'u' gr'g'v't'q'p'k'ec'm{ 0'

Kp"vj g'Vwt'nkuj "rgi cn'u'f'ug'o ."vj g'ōGrg'v't'q'p'le" I g'p'g't'cn'Cu'ugo dn{ "U{ u'g'o .ō"kp't'q'f'w'eg'f "h'q't'v'j g'h't'w'v'ko g' w'p'f'gt'v'j g'Vwt'nkuj "Eqo o g't'ek'n'Eq'f'g'P'q08324."j cu'd'gg'p'k'p'v'g'i t'c'v'g'f'k'p'v'j g'rg'i k'ur'v'k'p'kp' h'w'n'leqo r ik'p'eg" y kj "Gwt'qr g'cp" W'p'k'p' F'k'g'ev'k'x'g'u" cp'f "j cu" d'gg'p" y g'm't'g'eg'k'x'g'f "kp" h'q't'g'k'i p" rgi cn' u'f'ug'o u0' Y kj "vj g' g'p'c'ewo g'p'v'q'h'v'j g'g'rg'i c'n't'g'i w'v'k'p'u'k'p'Vwt'ng{ .k'j cu'd'gg'p'g'v'cd'rk'uj g'f "vj cv'cw'g'p'f k'p'i .ō c'n'k'p'i "r tq'r qu'cu." g'zr t'g'u'k'p'i "qr k'p'k'p'u."cp'f "x'q'v'k'p'i "kp"i g'p'g't'cn'cu'ugo dn{ "o gg'v'p'i u'gr'g'v't'q'p'k'ec'm{ "y k'n'j cx'g'c'm'v'j g'rgi cn' eq'p'g's w'g'p'egu'qh'r j { u'le'cn'r' ct'v'ekr cvk'p'0'Y j k'g'k'v'j cu'd'gg'p"o cf g'o cp'f cv'qt { "h'q't"r w'd'ic'n{ "v'c'f'g'f "l'q'p'v' u'q'en'leqo r cp'kgu"v'j q'f "vj g'k"i g'p'g't'cn'cu'ugo dn{ "o gg'v'p'i u'gr'g'v't'q'p'k'ec'm{ ."h'q't"p'q'p'r w'd'ik'e "l'q'p'v'w'q'en'leqo r cp'kgu"v'j q'f "vj g'k"i g'p'g't'cn'cu'ugo dn{ "o gg'v'p'i u'gr'g'v't'q'p'k'ec'm{ ."h'q't"p'q'p'r w'd'ik'e "l'q'p'v'w'q'en'leqo r cp'kgu"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

eqo r cplgu"cpf "r wdrkn{ "j grf "lqkp/vuqenleqo r cplgu"y j qug'uj ctgu"ctg"pqv'hkuvf "qp"yj g'uvqen'gzej cpi g." yj g"f gekukqp"vq"eqpf wev'o ggvpki u"grgevtqplecm{ "j cu"dggp"rgh"vq"yj g"eqo r cplgu)f kuetgkqp0Qwt "uwf {" r tqxkf gu"cf gvckrgf "cpcn{uku"qh'yj g"hwpevkqpkpi "qh'yj g"grgevtqple"i gpgtcrncuugo dn{ "u{ ugo "cu"cr r rkgf "kp" lqkp/vuqenleqo r cplgu0

**Keywords:** "GrgevtqplelQpikpg" I gpgtcrn"Cuugo dn{ ." kvgtpgv" I gpgtcrn"Cuugo dn{ "O ggvpki ." Grgevtqple" I gpgtcrn"Cuugo dn{ "U{ ugo 0

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ŞİRKETLER TOPLULUĞU HUKUKUNA İLİŞKİN GENEL ESASLAR İLE HAKİMİYETİN HUKUKA AYKIRI KULLANILMASININ SONUÇLARI  
GENERAL PRINCIPLES OF THE LAW OF CORPORATE GROUPS AND THE CONSEQUENCES OF THE UNLAWFUL EXERCISE OF CONTROL

Süleyman KAELNDER<sup>1</sup>

<sup>3</sup>Ct 01 3/40Ft0"Quo cpkğ'g'Mqtmw/Cvc '©pkxgt ukxguk "mkucf k'xg" f ct k'Dtko rgt 'Hcn'Amxguk 'Quo cpkğ'g. 'VÄtnkğ'

<sup>3</sup>QTEKF "KF <2222/2223/7; ; 6/734Z"

ÖZET

8324"uc{ ,n"VÄtn'Vlectgv'Mcpwpw\*VVMHø'pwp" { ÄÄnÄ g'i kto gukğ'ng'dgtcdgt'w'wp" { ,mctf cp'dgtkİ 3/4 'ctf , 'gf krgp" kngvgt"vqr nww w'j wnwvpc'kk nkp"j ÄnÄo rgt "kmi'ngl "VÄtn'o gx| wcv,pc" f -j k'gf kko k vkt0'8984" uc{ ,n"gunk'VÄtn'Vlectgv'Mcpwpwø'pf c" kngvgt "vqr nww wpc'kk nkp'ncpwpkf Ä gprgo g'dwvpo cf , ,pf cp." qtcv{c" ±,nep" uqtwprct" i gpgn' j ÄnÄo rgt" ncr uco ,pf c" ±3/4 Äo g" naxw wtwro cmc {f ,0' Mqpw{c" kkk nkp" w' w o c| nmct,p" i gpgn' j ÄnÄo rgt" ±gt±gxgukpf g" grg" cnpo cu, "kug" ±cn o co ,| f c" f c" f g kpkrgp" dkt±qm' ucmpc { ,k'kpf g'dct,pf ,to cmc {f ,0'

kngvgt"vqr nww w." dkt "xg{c" dktf gp"hc| rc" kngvgt"dk"j -nko " kngvgt"fq twf cp"xg{c" f qrc{n" qrtcnl' ncpwpf c'3/4i 3/4Ängp"önpvtqrö'3/4Ängp'xg{c'dkt'v3/4 ng o g{g'j -nko k' gv'v3/4 ng o guk'w' i wp'qrtcnl'j -nko " kngvgt"dk'kmg'qmw wtwrcp'vqr nww w'hc'f g'gvo gmgf k0' kngvgt "vqr nww w' {cr ,u, 'VÄtn'j wnwvukugo kpf g' w'wp" { ,mctf ,t" ngpf kpk' hkkrgp" i 3/4vgtto k " qnc" f c" 8324" uc{ ,n" VÄtn' Vlectgv' Mcpwpwø' pwp" { ÄÄnÄ g' i kto gukğ'ng'dgtcdgt'kmif ghc" { cucn'dk'f Ä gprgo g{g'ngpw'qmw w wv0'cn o co ,| ,p'kmi'd3/4Äo Äpf g" kngvgt" vqr nww w'j wnwvpc'kk nkp'i gpgn'dkri kgt'xg'k'f kmgp'uqptc. 'dw' { cr ,p,p'vctkj ugnl' grk ko k3/4 grkmg' Cmw cp" nqpl gtp" j wnwvwpw" qtcv{c" ±,m ,pf cnk' i grk o grtg" { gt "xg'kko k vkt0' kngvgt"vqr nww w'pf c."vqr nwwn' { cr ,u,p,p'dgrkt'ng { lek'vpuw'vwpw'öj -nko k' gvö'htkgt'k'qmw cu,pf cp'f qrc { ,.j -nko k' gv'etc±ct, 'xg'j -nko k' gv'p' uc ncpo cu,pf c'hædw'g'f krgp'3/4Ängt'f g' gtrgpf k'kno gmg'xg'ucp'qrtcnl' kngvgt "vqr nww w'f Ä gprgo gukğ'ng" qtcv{c" ±,nep" öj -nko k' gv'p' j wnwvnc" c { mt, " mwrcp ,ro cu,ö" xg" övqr nww c" f w'wrcp" i Äxgpf gp" f q cp" uqtw nwwn'ö" j wuwrc, "f g' gtrgpf k'kno gmgf k0'U3/4 "ngpwuw'f g' gtrgpf k0' grtg" { cr ,ntngp'VÄtn'xg" Cmw cp" j wnwv'ctcu,pf cnk'dgpl gtrkmg'xg'hc'tm,nmct' 3/4 grkmg' Cmw cp'Re { n'Qtvcmm,ncct'Mcpwpw\*CRQM'vø'v37" kğ'3; 0o cf f grtg'k'ctcu,pf c'f Ä gprgpgp"dc n" k'ngvo grtg" \*xgtdw'pf gpg'Wpvtgpgi o gp" { 3/4pgrkni'j ÄnÄo rgt" f kncvgt'cnpo , vt0'

Anahtar Kelimeler:" kngvgt"vqr nww w'j cnko k' gv'j -nko " kngvgt"dc n" kngv0'

ABSTRACT

Y kj "vj g'gpcevo gpv'qih'vj g'Vwtmkuj 'Eqo o gteknEqf g'pq08324. 'rtqxkukqpu'tgi ctf kpi 'vj g'rcy 'qh'eqtr qtcvg" i tqw u."y j kej "j cf "dggp'pgi ngev'f "hqt"o cp{ " { gctu."y gtg'kpeqtr qtcvgf "kpv"Vwtmkuj "ngi kurv'kqp'hqt"vj g' hktu'vko g0'Ukpeg'vj g'hqto gt "Vwtmkuj 'Eqo o gteknEqf g'pq08984'f k' 'pqv'kpenw'f g'cp{ 'uvcwwqt { 'tgi wrcv'kqp" eqpegtpkpi "eqtr qtcvg"i tqw u."vj g"go gti kpi "kuuwgu"y gtg"tguq'k'gf "y kj kp"vj g"htco gy qtni'qh'i gpgtcn' r tqxkukqpu0J qy gxgt. 'cf f tguakpi 'f kur wgu't'grcv'f "v'vj ku'ö cvgt'v'pf gt'i gpgtcn' r tqxkukqpu'gpv'k'gf 'xctk'qwu" f tcy dcemu."cu'cnuq'f kucwuw'f "kp"qvt'uwf { 0'

C"eqtr qtcvg"i tqw "tghgtu"vq" c"utwewt"ghqto gf "d { "qpq"qt"o qtg'eqo r cplgu'vqi gj gt"y kj "c"eqpvtqm'kpi " eqo r cp{ . "gkj gt'f k'gew'f "qt'kpf k'gew'f . "kp"ceeqtf cpeg"y kj "vj g"öeqpvtqrö"etkgtkqp"ukr wrcv'f "d { "rcy "qt" r wuwcp'vq" c"eqpvtcev'f qo kpcpeg'ci tgggo gpv'0' Cmj qwi j "vj g'utwewt"g'qh'eqtr qtcvg"i tqw u'j cu'f g'hc'evq" gz'k'v'f "kp"vj g'Vwtmkuj "ngi cn'u'f ugo "hqt"o cp{ " { gctu."k'y cu'qpn' "y kj "vj g"gpcevo gpv'qih'vj g'Vwtmkuj " Eqo o gteknEqf g'pq08324"vj cv'vj ku'utwewt"gdgeco g'uwdlgev'vq'hqto cni'ngi cni'gi wrcv'kqp0'Vj g'htu'v'ctv'

ABSTRACT BOOK



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qh'qwt'uwf { 'r tqxkf gu'i gpgtcnlpqto cvkqp'qp'vj g'rcy 'qh'eqtr qtcvg'i tqwr u'cpf 'vj gp'gzz rqtgu'vj g'j kvqtkecn' f gxgnr o gpv'qh'vj ku'utwewtg. "hqwukpi "r ctvewctn{ "qp"vj g'gxqmwkqp"qh'I gto cp"Maql gtp"rcy 0I kxgp" vj cv'vj g"f ghpki "grgo gpv'qh'c"eqtr qtcvg"i tqwr "ku"vj g"deqvtqrö" etkgtkqp."qwt"uwf { "gxcnwcvgu"vj g" kputwo gpw'qh'eqvtqn'cpf "vj g'ucpf ctf u'ceegr vgf "hqt"vj g'guvdrkj o gpv'qh'eqvtqn'0Hkpcn{ ."k'cf f tguugu" kuwgu'wej "cu'vj g"öwprcy hwi'wug'qh'eqvtqrö"cpf "örkdtkk{ "ctkukpi "It qo "tgrkpeg"qp'vj g'i tqwr ö'vj cv'j cxg" go gti gf 'y kj 'vj g'tgi wcvkqp'qh'eqtr qtcvg'i tqwr u'0k' "o cnkpi "vj gug'cuuguu gpw.'y g'ur gekkccn{ "gzco kpg" vj g'uko kctkkgu"cpf "f khtgpegu"dgwy ggp"Vwtukj "cpf "I gto cp"rcy ."r c{ kpi "r ctvewct"cvgpv'kqp"vq"vj g" r tqxkukpu"qp"chhkcvgf "gpvtr tkugu"cu'tgi wcvgf "kp"Ugevkpu"37"vq"3; "qh'vj g'I gto cp"Uqem'Eqtr qtcv'kqp" Cev0

**Keywords:** 'Eqtr qtcvg'i tqwr. "eqvtqn'r ctgpv'eqo r cp{. "uwduf kct{0'

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#### TERMOAKUSTİK SOĞUTUCU REZONARATÖR TASARIMINDAKİ GELİŞMELER VE YENİLİKLER DEVELOPMENTS AND INNOVATIONS OF RESONATOR DESIGN IN THERMOACOUSTIC REFRIGERATION

Netice DUMAN<sup>3</sup>

F10" t00{guk": 733."Uxcu'Ewo j wt k'gv'p'k'x'g'uk'Uxcu'Vgnpknidkko rgt 'O [ Q. 'O cnkpg'xg'O gwrn' Vgnpqrlkgt k'D'4Ao Å. 'Uxcu'VOTM [ G"

<sup>3</sup>QTEK'KF <j wru<lqtekf Qti D222/2224/; ; 48/: 733'''

#### ÖZET

Dwj ct "u,m vto cn,"uq wo c"ukugo rgtk" {c{i ,p" dkt "mwncp, o "cncp,pc"ucj kr "qno cu,pc"tc o gp."mÅgugnl ,u,po c{c" nevmret," pgf gpk'rg" cngtpevhi" uq wo c" vgnpqrlkgtkpg" {3pgrko "ctvto , vto' Vgto qcmwuknl' uq wo c.",u,"tcpuhtgtpk'uc nro cnico ce, {r"ugu'xg"cmwuknl'f eni crct, "mwncp" {gpkknk'dk"vgnpqrlk'kt' Dw'vgnpqrlk'ugu'f eni crct,p,p'vgo qf kpcu kni'4 grnkmgtpf gp'hc {f crpctcn,u, { ,gpgtlk'g'f'3pÅ vÅto g'xg{c" uq wo c"gnkgtk{ctev c'ko mrp, 'uwo cmcf ,t0Dw'dc nro f.c. 'vgo qcmwuknl'vgnpqrlk'gpgtlk'Ågko k"cv,nl ,u,"i gk'ne| cp,o ,,"uq wo c"xg"knko rpf kto g"i kdk'cncpctf c"uwpf w w'r qvcpu'k'gr'w{i wro crctnc" f kmev' ±gmo gmgf kt'0 " | grnkmg" ±gxtg" f quw' dkt" ±34 Åo " uwo cu, " xg" j ctgngvk' r ct±crct,p,p" dwnpo co cu, " vgo qcmwuknl' uq wo c{ , '3p'±,ncp'34 grnkmgtpf kt'0Cpecm'o gxew'ukugo rgtk'f Å Ån'xg'tko rkrnk'x'g'u,p,tn" uq wo c"i ÅeÅ'i kdk'dc| , | qtnwncrct" net , "net , {c"qif w w'f c"i 34 "3p'Åpf g" dwnpf wtwn cnf ,t0'Xg'tko k' ctvto c{c" {3pgrkn' ±cn, o crctf c" cmwuknl' i Å±" ne { ,r nct,p, " c| cno cni Å' gt'kpg" {q wprc o cni' 3pgo " ct| " gvo gmgf kt'0Dw'co c±nc"tg| qpctev'4"vcuct,o ,p" {cr cp"dw'±cn, o crctf cp"dc| ,net, "tg| qpctev'4f gnk'cmwuknl' i Å±he { ,r nct,p, c| cno c{c" {3pgrkn'qncenit'g| qpctev'4'i gqo g'k'k'p'k'f Å' gprgo g{g" {3pgrkn'kt'0T'g| qpctev'4." dgkrk'dk"ht'gnepuc"ugu'f eni crct,p, " {q wprc v'tcten'uq wo c"gnk'p'k' k'p'ctv'ctep'dk" {cr ,f ,t0'T'g| qpccpu' ht'gnepu, 'tg| qpctev'4'Åp'dq {wrc, 'xg" grnk'kg'dg'rt'ng'p'kt'0W{i wp'tg| qpce'4"vcuct,o , 'ukugo kp'xg'tko rkrk'kp' f q tw'cp'gnk'gt'0T'g| qpctev'4"vcuct,o ,pf cnk'vgo grico c±'cmwuknl' Å±he { ,r nct,p, "gp'c| c'kp'f kto gmk'0Dw' cmwuknl' Å±he { ,r nct, . 'tg| qpctev'4"±gr'gr'ng'k'p'f g'o g{f cpc'i grk'xg'vgo qcmwuknl'g'v'k'rg'i Å±n'Å'dk" gnk'f g" krk'nk'f kt'0Dw'±cn, o c. 'vgo qcmwuknl' uq wo c"ukugo kp'kp'3pgo r'k'dk"dk'g'gp'k'qncp'tg| qpce'4"vcuct,o , 'xg" o qf gmg'k'p'g'qf cmc'po cmcf ,t0'Y'cn, o c. 'vgo qcmwuknl' uq wwew'tg| qpce'4"vcuct,o ,pf cnk'i grk o grgt'xg" {gpk'ng'k'c{t,pv,n"dk" gnk'f g'c±,mco cmcf ,t0"

Anahtar Kelimeler: "Vgto qcmwuknl' uq wo c'ukugo k'F wcp'F eni c. "Tg| qpctev'4. 'Cmwuknl' Å±"

#### ABSTRACT

Cnj qwi j "xcr qt "eqo r tguakp"t'g'ht'ki g'c'v'k'p'u{vgo u'j cxg" c"y kf gur t'gcf "wug. "vj gk"eqp'v'k'w'k'p"vq"i n'dcn' y cto kpi "j cu'k'p'et'g'cug'f "vj g'v'p'f g'p'e{ "vy ctf u'cngt'p'v'x'g"eqq'k'p'i "v'g'e'j p'q'q'i k'gu'0V'j gto q'ce'q'w'v'k'e"eqq'k'p'i " ku'cp'k'p'p'q'x'c'v'x'g"v'g'e'j p'q'q'i { "vj cv'w'ug'u'q'w'p'f "cp'f "ce'q'w'v'k'e"y cxgu'v'q'r tq'x'k'f g'j gcv'tcpu'ht'0V'j ku'v'g'e'j p'q'q'i { " q'h'ht'u'v'j g'qr r qt'w'p'k'v{ "v'q"eq'p'x'g't'v'j gcv'k'p'v'q"gp'gti { "qt"et'g'c'v'g"eqq'k'p'i "g'h'g'ew'd" "vcn'k'p'i "cf xcp'v'ci g"qh'v'j g" v'j gto qf {pco k'e'r tq'r g'v'ku'q'h'u'q'w'p'f "y cxgu'0K'p'v'j ku'eq'p'v'g'z.v'v'j gto q'ce'q'w'v'k'e"v'g'e'j p'q'q'i { "f tcy u'c'v'g'p'k'v'q'p" y kj "ku'r q'v'p'v'cn'r r r'nc'v'k'p'u'k'p'ct'g'cu'u'w'ej "cu'gp'gti { "r tq'f v'w'k'p. "y cu'g'j gcv't'g'eq'x'g't { "eqq'k'p'i "cp'f "ck" eq'p'f k'k'p'k'p'i 0K'p'r ct'v'w'rc. "vj g'h'ev'v'j cv'k'q'h'ht'u'cp'gp'x'k'q'p'o gp'v'cm' { "ht'k'p'f n' "u'q'w'k'p'cp'f "j cu'p'q'o q'x'k'p'i " r ct'u'ct'g'v'j g'h'c'w't'g'u'v'j cv'o cng'v'j gto q'ce'q'w'v'k'e"eqq'k'p'i "unc'p'f "q'w'0J qy g'x'g't. "k'v'j q'w'f "cna'q'd'g'vcn'gp'k'p'v'q" cee'q'w'v'v'j cv'ew't'g'p'v'u{vgo u'h'c'g'u'qo g'f k'h'h'ew'v'k'g'u'w'ej "cu'h'qy "g'h'h'ek'p'e{ "cp'f "h'ko k'g'f "eqq'k'p'i "r qy g't'0K'p" u'w'f k'gu'c'lo g'f "cv'k'p'et'g'cu'k'p'i "g'h'h'ek'p'e{ . "k'ku'ko r qt'v'p'v'v'q" 'h'q'ew'u'q'p't'g'f w'el'p'i "ce'q'w'v'k'e"r qy g't' "h'q'u'gu'0H'q't" v'j ku'r w'r q'ug. "u'qo g'q'h'v'j g'ug'w'w'f k'gu'q'p't'g'u'q'p'c'v'q't'f'g'uk'i p'ct'g'c'lo g'f "cv'ct'c'p'i k'p'i "v'j g't'g'u'q'p'c'v'q't'i g'qo g'v' { " kp'q't'f g't'v'q't'g'f w'eg'ce'q'w'v'k'e"r qy g't' "h'q'u'gu'k'p'v'j g't'g'u'q'p'c'v'q't'0C'g'g'u'q'p'c'v'q't'ku'c'v'w'w'w'g'v'j cv'k'p'et'g'c'ug'u'eqq'k'p'i "

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ghlekgpe{ "d{ "eqpegpvcvpi "uqwpf "y cxgu"cv"c"egtvcv"htgs wpe{ 0Vj g"tguqpcpv"htgs wpe{ "ku" f gvt o kpgf " d{ "vj g" f ko gpukqpu"cpf "uj cr g"qh"vj g"tguqpcvqt 0Rtqr gt "tguqpcvqt "f guki p" f kt gev{ "chgew"vj g"ghlekgpe{ "qh" vj g"u{ uvg o 0Vj g"o ckp"i qcn"kp"tguqpcvqt "f guki p"ku"vq"o kpk k g"ceqwvke"r qy gt "quugu 0Vj gug"ceqwvke" r qy gt "quugu"qewt "kp"vj g"tguqpcvqt "y cmu"cpf "ctg"utqpi n{ "tgrvgf "vq"vj g"vj gto qceqwvke"ghgew 0Vj ku" uwf { "hgewu"qp"tguqpcvqt "f guki p"cpf "o qf gnu."y j kej "ku"cp"ko r qvcvp"eqo r qpgpv"qh"c"vj gto qceqwvke" tghtki gtcvqp"u{ uvg o 0Vj g"uwf { "f guetkdgukp" f gvck"vj g" f gxgr o gpw"cpf "kppqxcvqpu"kp"vj gto qceqwvke" tghtki gtcvqp"tguqpcvqt "f guki p0'

**Keywords:** "Vj gto qceqwvke" tghtki gtcvqp"u{ uvg o . "Ucpf "y cxg. "Tguqpcvqt. "Ceqwvke"Rqy gt "

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#### TERRAIN AND LOAD ADAPTIVE CENTRAL TIRE INFLATION SYSTEM FOR MILITARY VEHICLE APPLICATIONS

*Muhammet Emin KISA<sup>1</sup>*

<sup>3</sup>Ucv, 'Uqptcu, 'J k/o gvgt 'W/o cp., 'Mqmw cp 'Qvqo qvix 'Gpf Ämt k'CO' 'O gt ukp. 'VÄtnk g0'

<sup>3</sup>QTEK 'KF <j wru-Älqtekf Qti 1222; /2223/5728/4349"

*Mehmet YAVUZ<sup>2</sup>*

<sup>4</sup>Uwgo 'W/o cp., 'Mqmw cp 'Qvqo qvix 'Gpf Ämt k'CO' . 'O gt ukp. 'VÄtnk g0'

<sup>4</sup>QTEK 'KF <j wru-Älqtekf Qti 1222; /2228/6; 4; /7: 8: "

*Hakan CİHANGİR<sup>3</sup>*

<sup>5</sup>Uwgo /GNF 'Dtko 'I 3/pgvkekik 'Mqmw cp 'Qvqo qvix 'Gpf Ämt k'CO' . 'O gt ukp. 'VÄtnk g0'

<sup>5</sup>QTEK 'KF <j wru-Älqtekf Qti 1'222; /2228/7466/: 58Z"

"

#### ABSTRACT

O kıkct { "xgj kergu'qhngp"qr gtcwg"kp"ej cmgpi kpi "gpxktqpo gpw'y j gtg"qr vko cn'vtg'r tguuwtg'ku'etkkekcn'htq" gpwutkpi "ucdkkv". "o qdkkv" cpf "qr gtcvkpcn' gthekpe { 0' Vj g" Egpvtcn' Vkt g" kphrvkqp" U{ uvgo " \*EVKU+ cf f tguugu'y ku'pggf 'd { "cwqo cvekcmf "cf lwukpi "vtg'r tguuwtg'dcugf "qp'vgttckp"cpf "nqcf "eqpf kıkqpu0Vj ku" r cr gt "kpvtf wegu" c"o qf wrct "EVKU" f guki pgf "vq"gpj cpeg"r gthqto cpeg"kp"gzvgo g"gpvktqpo gpw'uwej "cu" qh/tqcf . "i tcxgn'cpf "wpgxgp"vgttckp"y j gtg"o ckpvckkpi "vj g"eqttgev'vtg'r tguuwtg'ku'xkcn'htq"dqj "xgj kerg" uchgvf "cpf "etgy "eqo hqt v0' Vj g" u{ uvgo " qhgtu"uki pkhecpv" cf xcpvci gu"qxgt "vcf kıkqpcn' EVKU" f guki pu" kpenvf kpi "uko r rkkkf"o ckpvpcpeg"vj tqwi j "f kgev'ckt"vcpuhgt"xk" c"j wd"tkpi . "gko kpcvki "vj g"pggf "hqt" eqo r ngz "czrg'kpvtxgp'kqpu0Cf f kıkqpcmf . "ku'ugrh/f kci pqvke"ecr edkıkku'gpwutg'eqpvkpwqu"qr gtcvkqp"d { " crgtvki "vj g"ftkxgt"vq"u{ uvgo "o cihwpevkqpu"qt"vtg"r wpewtgu0'D { "eqo r ct kpi "vj ku"pqxgn'u{ uvgo "y kj " gzkvkpi "uqnwkqpu"y g"j ki j rki j v'ku" dgpghku" kp"tgf vekpi "o ckpvpcpeg"equu. "kpetgcukpi "qr gtcvkpcn' tgrkdıkvf "cpf "r tqxkf kpi "hgzkdıkvf "hqt"o kıkct { "xgj kergu0Vj g"r tqr qugf "u{ uvgo }ucdkkvf "vq"r gthqto "wvf gt" gzvgo g"gpvktqpo gpwcn'eqpf kıkqpu."eqwr ngf "y kj "ku"o qf wrct "f guki p."o cngu"kv"r ct vkwrcn' "uwkvgf "hqt" o kıkct { "hggw"qr gtcvki "kp"vpr tgf kevcdng"cpf "j ctuj "vgttckpu0'

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TÜRKİYE’ DE TOPLUMSAL CİNSİYET SİYASETİ  
GENDER POLITICS IN TURKIYE

Dr. Pürten ÜÇER SUNAR

Qtef "pq<j wru<Aqt ekf Qti D222/2223/8486/493Z"

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ÖZET

Mextco ucn'qrcem'vqr nwo ucn'ekpuk' gv'dkt g' rgtkp'dk' qrl'kn'ekpuk' g'vgt'kpf gp'vgo gmgpgt'gn'hef ,p'xg'gtng g' {Ämgpgp" vqr nwo ucn' tqmgtk" xg" uqtwo nwnmct,p." dkt" vqr nwo f c" dgrtk'rk" dk" | co cp" f kko kpf g" pcu,n' cni ,rpf , ,p,'xg" gnknpgf k kpk'kcf g'gf gp'dk'hextco f ,t0Dw'hextco .hÄnÄgn'xg'vctkj ugr'de nwo f c'hef ,p' xg'gtng g'c'v'gf k'gp"vqr nwo ucn'n'wpwo nct,p."dgmpp'vgtk'p"xg'f extcp, "nenr nct,p,p'pcu,n'dk'ko rpf k kpg" k ctgv'gf gt0' Vqr nwo ucn'ekpuk'gv' tqmgtk" | co cp" k'kpf g'f g k n'p'rk'n'i 3/4vgtgp" xg"j gt" vqr nwo f c" hctm" gnknpgf g" {qtwo n'pedk'gp" f k'pco kn'cni ,nctf ,t0' Vqr nwo ucn'ekpuk'gv' g k'rk k'cprc { , ,.Ämggtk'p"mÄnÄgn' f g gtrgtk"i g'p'gmgtk'xg" k'p'cp±"ukngo rgtk'p"i 3/4g"±g k'v'p'o gm'g"xg" hctm" n' o cmcf ,t0'Dw' hctm" n' o c." nef ,p'xg'gtng m'ctcu,pf c"vqr nwo ucn'c {t, o cmct,p" {cp, u,tc"uqu{cn'luqtw'p'v'rt'xg'g k'uk' rkn'gt'f q wto cmcf ,t0' Vqr nwo ucn' ekpuk'gv' g k'uk' rk k" nef ,p'rt,p" g k'ko "htucv'rt,pc" g'k'ko k'p'k' u,p,t'p'f ,to cmc." k" i ÄÄp'g" nev,n'o nct,p,"gpi gmgo gm'g"xg'uk' cucn'vgo ukf g" {vgtk'p'g" {gt'dw'o cmct,p,} qtrc v'to cmcf ,t0'Dw'p'gf g'p'g." g k'rk'k'vgo grf g" {Ämg'gp" dk" vqr nwo " {cr ,u,p,p" k'p' cu,"k'k'p" vqr nwo ucn'ekpuk'gv' g k'uk' rk k'p'c' c'nc'cni' r q'rk'k'nc'rt,p'w' i w'p'o cu,." {cucn'f Ä g'p'go g'rtk'p"ctw,t,mo cu,"dÄÄÄn'Äp'go "v ,o cmcf ,t0"

I Äp'Äo Ä "VÄn'k' g'ok'p'f g."nef ,p'rt,p"o Äecf g'p" gvo gn' | qtw'p'f c"q'rf v'nc't, "uqtw'p'rt." 3/4 gnkn'g"vqr nwo ucn' ekpuk'gv' g k'uk' rk k'p'f gp" ne {p'em'p'et'eni' uqu{cn' gm'p'q'o kn' uk'cuk' xg" mÄnÄgn' c'nc'p'rt'f c" xctn ,p," uÄf Äo gm'gf k'0'Mcf ,p,p"vqr nwo "vctch,pf cp" f g g'uk' ng v'k'ko g'uk"vqr nwo ucn'ekpuk'gv'tqmgt'k'p'f g" c±,n'c" i 3/4Äo gm'gf k'0' P'k'gn'ko ." i Äp'Äo Ä f g" nef ,p,p" n'wp'wo w'p'f c" xg" nef ,p'rt'c" c'v'gf k'gp" tqmgt'f g" 3/4p'o rk' k'gt'ngo g'rt'ne {f gf k'o k' q'nc'f c" {c {i ,p'cni ,f c'hef ,p,} n-g'x'k'k'i 3/4gx'rt'ng'u,p,t'p'f ,t,mo cmc."uk' cucn'xg" gm'p'q'o kn' j c {cwc" f c'j c" i g'k' r'p'p'f c" n'emo cmc" xg" c {p, " | co cp'f c" n'ct'ct' em'c" uÄg±gt'k'p'f gp" f g" uq {w'p'o cmcf ,t0'Dw' {c {i ,p" cni ,." vqr nwo ucn' ekpuk'gv' g k'uk' rkn'gt'k'p'k'p" f c'j c" f c" f g'k'p'ng o g'uk'p'g" {q'ri' c±o cmcf ,t0"

VÄn'k' g'of g"Ewo j w'k'k' g'v'F 3/4p'o k'p'f g'nef ,p'rt'c"xg'tk'p'p"j cmct." | co cp,p" ct'v'rt,pc"i 3/4g"t'cf kn'cn'q'rcem' p'k'g'p'f k'ko gm'g"xg'dw"j cmct,p"xg'tk'o g'uk"dk±qm'Dcv,n'f g'x'rt'ng"m {cuc'f c'j c"gtng'p"vctkj rgt'g'v'gn'edÄn' gvo gm'gf k'0'C'p'ecni'q" | co cp'rt'f cp"i Äp'Äo Ä g." {cuc'rt'f c" {gt"nc'p"dc | ,f Ä g'p'go g'rtk'p"xctn ,."dwi Äp" uqu{cn' {c co f c."gm'p'q'o k'f g" {c" f c"uk' cucn'c'nc'p'f c" nef ,p'rt,p"gtng'mgt'ng" g k'h'htucv'rt'f cp" {ct'ct'p'f , , c'p'ico ,pc"i g'no go gm'gf k'0'Äp'nÄ"j gt"kn'ek'p'uk"vqr nwo "vctch,pf cp"cni ,rpf , ."dgmpp'p'ngt'xg"vqr nwo ucn' ekpuk'gv'tqmgt'k'ht'nm" n' o cmcf ,t0"

puc'p'rt'ctcu,pf c'nk'g k'uk' rkn'gt'k'vct'cu, | "dk" gnkn'f g'i k'f gto gn'co ce, {n" k'f f g'uk' "dk" {c co "c'nc'p, "u'w'p'cp" j w'wn'vqr nwo ucn' {c co ,p"vÄo " {3/4p'rt'k'p'f Ä g'p'g' {gp"nt'k'kn'ik'k' "w'p'w'f v't0'Dw'de nwo f c."dk"vqr nwo w'p" j w'wn'ucn'f Ä r'go k'vqr nwo ucn'ekpuk'gv'f Ä g'p'k'p'p" gnkn'p'o g'uk'p'f g'3/4p'o rk' dk"t'q'n'q {pco cmcf ,t0'C'p'ecni' vqr nwo ucn'ekpuk'gv'tqmgt'k' {cp, | ec" {cuc'rt'c" d'grtk'ng'p'o g' =c {p, | co cp'f c"j w'wn'vqr nwo ucn'p'q'to nct,p'xg" i g'p'gmgt'k'p" g'nk'uk' c'n,p'f c" gnkn'p'k'0' D'w'p'v'rt" dk'rk'ng." k'p'ucp" j cmct,pc" f c {c'n" dk" r g'tur gm'k'h' dg'p'ko ug'p'f k' k'p'f g."j w'wn'ik' dw" {g'ng' kn' p'q'to nct, "f 3/4p'Ä vÄo g" n'ec'cuk'g'uk'p'g"ucj k' "q'rc'dk'k' xg"vqr nwo ucn' ekpuk'gv'g k'rk k'p'k'f g'ug'ng'g' {gp"dk" {cr , {c"n'cxw'cd'k'k'0'C'm'k'v'nf k'f g."dw"p'q'to nct"j w'wn'ik'uk'ngo k'k'k'p'f g" {g'p'k' gp"Ä g'v'k'g'dk'k'k' xg"vqr nwo f c" f g'k'p'ng gp" g k'uk' rkn'gt'k'r'gn'k' v'k'g'dk'k'0'J gt"Äng'f g"vqr nwo ucn'ekpuk'gv' g k'rk k'p'k'uc n'p'o c'f w'two w"q"Ämg'p'k'p'3/4 i Äp"uqu{cn' {cr ,u,pc'xg"j w'wn'ik'uk'ngo k'p'g'de n'q'rcem'ic'ht'nm,n'ni i 3/4ng'to gm'gf k'0'F q'rc { ,u, {rc."ekpuk'gv' g k'rk k'p'k'p"i gt±gm'g v'k'ko g'uk' k'k'p"j w'wn'ik'uk'ngo k'p'k'p" {cp, "u,tc" vqr nwo ucn' p'q'to nct,p" f c" uÄg'm'k' q'rcem'ic' f g g'rt'p'f k'k'k' " {g'p'k'p'o g'uk' dÄÄÄn'Äp'go "v ,o cmcf ,t0' Dw"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

±cn o cf c"vqr nwo ucn'ekpuk{ gv'g kuk{ rknmtk'xg'dw'g kuk{ rknmtk'p"i kf gtno guk'nqpwuw'VÄtnk{ g"¾ grkof g" { cucnlf Ä ngo f g'lpegrngpegmkt0

**Anahtar kelimeler:** Vqr nwo ucn' Ekpuk{ gv" Rq{ kkh" C {t,o e,n,m" [ cucnrf c" Mcf ,p" J cmet., " ucpdwn' U¾ rg o guk' Cpc { cuc0

#### ABSTRACT

Eqpegr wcm{ .i gpf gt "ku" c"eqpegr v'vj cv'gzt rguugu" j qy "vj g"uqekn'tqrgu" cpf "tgr qpukdkkku" cwtkdwgf "vq" y qo gp" cpf "o gp"dcugf "qp"vj g'dkqmi kecn'ugz "qh'kpf kxf wcu'ctg'r gtegxgf "cpf "uj cr gf "kp" c"uqekv{ "qxtg" c" egtvcp" r gtrkf 0' Vj ku" eqpegr v' tghgtu" vq" j qy "uqekn' r qukkqpu." gzt gevckqpu" cpf "dgj cxkqwtcn" r cvgtpu" cwtkdwgf "vq" y qo gp" cpf "o gp"ctg'uj cr gf "kp" ewmwtcn' cpf "j kvrtkecn' eqpvzvu0I gpf gt "tqrgu" ctg' f { pco le" r gtegr vqpu" vj cv' xct { " qxtg" vko g" cpf " ecp" dg" kvgrtgvf " kp" f khtgpv' y c { u' kp" gcej " uqekv{ 0' Vj g" wpf gtucpf kpi "qh'i gpf gt "gs wrkv{ " f kxgtukku" cpf " f khtu' ceeqtf kpi "vq" vj g' ewmwtcn' xcnwgu. " tcf kkkpu" cpf " dgrkgh'u { ugo u' qh' eqwpt kgu0Vj ku' f khtgpvckvqp' r gcf u' vq' uqekn' r tqdrgo u' cpf " kpgs wrkvku' cu' y gnicu' uqekn' f kkkqpu" dgw ggp" y qo gp" cpf " o gp0 I gpf gt " kpgs wrkv{ " rko ku" y qo gp" u' ceegu" vq" gf wecvkpcr' qr r qtwpkkku. " j kpf gtu" vj gk" r ctvkr ckqp" kp" vj g' rcdqw " hqteg" cpf " o cngu" k' f khtewm' hqt" vj go " vq" dg" cf gs wcvn{ " tgr tguvgf " kp" r qrkku0Vj g' ghtg. " k' ku' qh'i tgevko r qtvepg' vq" ko r ngo gpv' r qreku' vq' tgf weg" i gpf gt " kpgs wrkv{ " cpf " vq' lpetgcug' rgi cni' gi wrkvku' vq' dwkf " cp" gi crkctkcp' uqekv{ 0"

Kp" vqf c { au" Vwtnk{ g. " vj g' r tqdrgo u' vj cv' y qo gp" j cxg" vq" utwi i ng" y kj " eqpvkwg" vq" gzkv' kp" vj g' uqekn' geppqo le. " r qrkkecn' cpf " ewmwtcn' ur j gtu. " ugo o kpi " gur gekm{ " hqo " i gpf gt " kpgs wrkv{ 0Vj g' f gxcnckvqp" qh' y qo gp" d { " uqekv{ " ku' engctn{ " uggp' kp" i gpf gt " tqrgu0C u" c" o cwtg' qh' hcev. " cmj qwi j " uki phtecpvr' tqi tguu" j cu" dggp" o cf g" kp" vj g' r qukkqpu" qh' y qo gp" cpf " vj g' tqrgu" cwtkdwgf " vq" y qo gp" vqf c { . " kp" vj g' y kf gur tgcf " r gtegr vqpu. " y qo gp" ctg' ukm' tgu' tvegf " vq" f qo guke " f wku. " tgo ckp' kp" vj g' dcmi tqwpf " kp" r qrkkecn' cpf " geppqo le " r kkg" cpf " ctg' cnuq' ku' r vgf " hqo " f gekkqpu/ o cnkpi " r tqeguugu0Vj ku' y kf gur tgcf " r gtegr vqpu' r gcf u' vq' hvt vj gt " f ggr gpkpi " qh'i gpf gt " kpgs wrkvku0"

Vj g' tki j w' i tcvpvgf " vq" y qo gp" kp" vj g' Tgr wrkecp' Gtc' kp" Vwtnk{ g' ctg' eqpukf gt gf " tcf kecn' hqt" vj g' eqpf kkkpu" qh' vj g' vko g" cpf " vj g' i tcvkpi " qh' vj gug" tki j w' eqttgur qpf u' vq" gctrktg " f cvgu" eqo r ctgf " vq" o cp { " Y guvtp" ucvgu0J qy gxgt. " vj g' gzkungpeg" qh' uqo g' tgi wrkvku' kp" vj g' rcy u' ulpeg" vj gp" f qgu' pqv' o gcp' vj cv' y qo gp" vqf c { " gplq { " gs wcn' qr r qtwpkkku' y kj " o gp" kp" uqekn' r kkg. " geppqo { " qt' r qrkkecn' ur j gtu0Vj ku' ku' dgecvug' vj g' r gtegr vqpu' qh' dqvj " ugzu" d { " uqekv{ . " gzt gevckqpu' cpf " i gpf gt " tqrgu" f khtg0

Ncy " ku" c' etkkecn' r ggo gpv' vj cv' tgi wrkvku' cm' cur gew' qh' uqekn' r kkg. " r tqxkf kpi " c" pqp/ xkqrgpv' rkkkpi " ur ceg' kp" qtf gt " vq" g' rko kpcv" kpgs wrkvku" dgw ggp" r gqr ng" kp" cp" ko r ctvkn' o cppgt0 Kp" vj ku' eqpvzv. " vj g' rgi cni' hqo gy qtm' qh' c' uqekv{ " r r { u' cp' ko r qtvepv' tqr' kp" vj cr kpi " vj g' i gpf gt " qtf gt0J qy gxgt. " i gpf gt " tqrgu" ctg' pqv' qpn{ " f gvto kpgf " d { " rcy = vj g { " ctg' cnuq' u' j cr gf " wpf gt " vj g' kphwpeg" qh' rcy . " uqekn' pqtu u' cpf " tcf kkkpu0 Vj g' ghtg. " j y gp' c' j wo cp' tki j w' dcugf " r gtu gevckg' ku' cf qr vgf . " vj g' rcy " ecp' j cxg' vj g' ecr cekv{ " vq' tcvp' hqtu " vj gug' gucdkuj gf " pqtu u' cpf " dgeqo g' o qtg' uwr r qtvxg' qh' i gpf gt " gs wrkv{ 0Q vj gty ku. " vj gug' pqtu u' o c { " dg' tgr tqf wegf " y kj kp" vj g' rgi cni' u' ugo " cpf " tglphqteg' f ggr gpkpi " kpgs wrkvku' kp" uqekv{ 0Vj g' cej kxgo gpv' qh' i gpf gt " gs wrkv{ " kp" gcej " eqwpt { " f khtg' u' f gr gpf kpi " qp" vj g' ur gekk' uqekn' ut wewt' g' cpf " rgi cni' u' ugo " qh' vj cv' eqwpt { 0Vj g' ghtg. " kp" qtf gt " vq' tgerku' i gpf gt " gs wrkv{ . " k' ku' qh' i tgevko r qtvepg' vj cv' vj g' rgi cni' u' ugo " cu' y gnicu' uqekn' pqtu u' ctg' eqpu' c' v' n{ " gxcnckvgf " cpf " tggpy gf 0Kp" vj ku' uwf { . " vj g' kuw' g' qh' i gpf gt " gs wrkv{ " kp" Vwtnk{ g' cpf " vj g' rgi cni' tgi wrkvku' vq' uwr r qt' v' vj ku' gs wrkv{ " cpf " vj g' r qrkkecn' ut cvgi kgu' vj cv' ctg' dgkpi " ko r ngo gpv' " qt' r rppgf " vq' dg' ko r ngo gpv' " qp" vj g' uwdlgev' y km' dg' f kuwugf " eqo r tgi gpukxgn{ 0

**Key words:** " I gpf gt. " Rqukkxg" Fkuetlo kpcvqp. " Y qo gpau" Tki j w' kp" Ncy u. " Kucpdwn' Eqpxgpvqp. " Eqpukswkqp"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ITERATIVE APPROACH TO SOLVING A HADAMARD FUNCTIONAL FRACTIONAL DIFFERENTIAL EQUATION"

*Yıldırım DİNÇ<sup>1</sup>*

<sup>3</sup>*Cmuct c{ 'Wpkxgt uk{ I t cf wcvg' Uej qqr' Qh' P cwt cn' cpf 'Crr rkgf 'Uekgpegu. 'Cmuct c{. 'VÄtnk{ g0'*

<sup>4</sup>*QTEK' 'K' < j wru< lqtekf Qti I2222/2225/35; 3/765Z"*

*Samet MALDAR<sup>2</sup>"*

<sup>4</sup>*"Cuuqe0Rt ql0F t0" Cmuct c{ 'Wpkxgt uk{ 'Hcewn{ 'qh' Uekgpeg' cpf 'Ctv' F grctw gpv' qh' O cvj go c vkeu."*

*Cmuct c{. 'VÄtnk{ g0'*

<sup>4</sup>*QTEK' 'K' < j wru< lqtekf Qti I2222/2224/42: 5/: ; ; Z"*

#### ABSTRACT

Hkzgf 'r qkpv'kgtevkqp'o gjv qf u'ctg'ghgevkxgn' 'wugf 'vq'tgcej 'vj g'uqnwkp'qh'pqrkpgct'gs wcvkpu0'Hqt 'vj ku' tgcupp.'k'j cu'cwtcevfg 'vj g'cwgpvkqp'qhtgugctej gtu'cpf 'c'y kf g'hkgrf 'qh'uwwf { 'j cu'go gti gf 'kp'vj g'ikgtecwtg0' k'p'vj ku'f k'gevkqp.'Uj cvpcy k'gv'cn0]3\_'gucdrkuj gf 'c'p'q'x'g'ikgtecvkqp'v'gej pks wv'kp'4242'cko gf 'cv'guko cvkpi " qt'eqo r wvki 'vj g'hkzgf 'r qkpv'vj g'hgy guvhgcukdr'ugr u0'Vj g{ 'uj qy gf 'vj cv'vj ku'f ghkpgf 'kgtevkqp'o gjv qf " ku'hcugt'wpf gt'uwkcdrg'cpf 'egtckp'eqpf k'k'qp'u'vj cp'o cp{ 'kgtevkqp'o gjv qf u'kp'vj g'ikgtecwtg0'k'p'cf f k'k'qp." kp'vj g'uco g'uwwf {.'vj g{ 'i cxg'uqo g'pwo gtekn'gzco r ngu'wukpi "vj g'O CVNCD'r tqi tco "vq"uwr r qtv'vj ku' ercko 0Hkpcmf.'vj g{ 'f go qputcvgf 'c'r tqdrgo 'tckugf 'd{ 'P gy vqpau'rcy 'qh'eqqrkpi 'cu'cp'cr r r'ckcvkqp'qh'vj ku' kgtevkqp'o gjv qf 'j3\_0k'p'vj ku'uwf {.'uqo g'pgy 'qtki kpcn'hkzgf 'r qkpv'vj gqt { 'tguwn'ctg'r tgugpvf 'wukpi 'vj ku' qdckp'gf 'kgtevkqp'o gjv qf 0k'p'cf f k'k'qp'v'q'vj qug'o gpvkp'gf 'cdq'x'g.'vj g'hkzgf 'r qkpv'f cv'f gr gpf gpeg'tguwn' y cu'qdvckp'gf 'wpf gt'vj g'y gcm'eqpvtcev'kqp'eqpf k'k'qp'y k'j 'vj ku'kgtevkqp'o gjv qf 0C'f f k'k'qp'cmf.'cp'gzco r rg' y cu'i kxgp'vq'f go qputcvg'vj g'xcrkf k'v'qh'vj ku'f cv'f gr gpf gpeg'tguwn'0C'i ckp.'wukpi 'vj ku'kgtevkqp'o gjv qf." vj g'uqnwkp'qh'j' cf co ctf 'hwpevkqpcn'ltcev'kqpcn'f k'htg'p'v'cn'gs wcvkpu'y k'j 'hkzgf 'r qkpv'u' cu'go r j cuk' gf 0' Hkpcmf.' "vj g' hkzgf " r qkpv' f cv' f gr gpf gpe { " tguwn' y cu' qdckp'gf " hqt " J cf co ctf " hwpevkqpcn' ltcev'kqpcn' f k'htg'p'v'cn'gs wcvkpu0'

"

<sup>3</sup>Uj cvpcy k'Y 0'Devckj cj.'C0'cpf 'Vcm'hj c.'C0\*4242+0Hqwt/ugr 'kgtevkqp'uej go g'v'cr r tqzko cvg'hkzgf " r qkpv'ht'y gcm'eqpvtcev'kpu0'Eqo r w0O cvgt0'Eqpvk'p.'86."36; 3/37260'

<sup>4</sup>0Derej cpf tep.'M0'O cvt.'O 0'C'pper qatcpk'P 0'cpf 'Rtdw'F 0\*4246+0J' cf co ctf 'hwpevkqpcn'ltcev'kqpcn' k'p'gi tcn'cpf 'f g'k'x'cv'k'gu'cpf 'ltcev'kqpcn'f k'htg'p'v'cn'gs wcvkpu0'Hkqo cv.'5: \*5+. '99; /9; 40'

**Keywords:** 'Hkzgf 'r qkpv'kgtevkqp'o gjv qf . 'f cv'f gr gpf gpeg0'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### BİTLİS, DİYARBAKIR MUŞ VE VAN YÖRELERİ BALLARININ PALİNOLOJİK PARAMETRELER YÖNÜNDEN ARAŞTIRILMASI INVESTIGATION OF HONEY FROM BITLIS, DIYARBAKIR, MUS AND VAN REGIONS IN TERMS OF PALINOLOGICAL PARAMETERS

Sıdıka KÖK<sup>1</sup>

<sup>3</sup> t gwo gp. 'Mqt mw' Cvc '©pkxgt ukxg. 'Hgp 'Gf gdlk cv'Hcn'Ang. 'Dk qrlk'D'Äo Ä 'Quo cpk g. 'VÄt nk g0'  
<sup>3</sup>QTEK 'KF <j wr u<1qtekf Qti 1222; /2223/7447/547; "

Doç. Dr. Menderes ÇENET<sup>2</sup>"

<sup>4</sup>F q±0F t0'Mqt mw' Cvc '©pkxgt ukxg. 'Hgp 'Gf gdlk cv'Hcn'Ang. 'Dk qrlk'D'Äo Ä 'Quo cpk g. 'VÄt nk g0'  
<sup>4</sup>QTEK 'KF <j wr u<1qtekf Qti 1222/2224/; 866/9963"

#### ÖZET

4245" xg"4246" { ,mct, "ctcu, pf c" F k{ ct dcm. "Dkrku. "O w. "Xcp" kık' xg" knt gngt kpf gp" 42" dcn' 3/4pg k' { 3/4g" ct, e, mct, pf cp. " d3/4i g" ct, e, mct" dkrk kpf gp. " nıpw" j cmmpf c" i g±o k" { ,mctf c" ±cn o c" { cr o , " cncf go ku{ gpngt gp" vqr rcpo , vt0'Vqr rcp" dcn' 3/4pgmgt kpk" r rnp" cpcrk rgtk" { cr , m , vt0'Rqrnp" cpcrk k' uqpwpf c="dcmctf c" 56' hco k{ c' c' k' 65" vcuqp" dwpf w w'gur k' gf k k k vt0[ cr , np ±cn o cf c' wphmctn' dcn' 3/4pg kpg' tcurcpo co , . "42" dcn' 3/4pg k' f g' b wkhmctn' rctcmidgrk rpo k vt0

Dcn' 3/4pgmgt kpf g' ugnupf gt' r rnp' ucj k' vcuqprct="Cıtt ci cmu' ur0' Lwi rpu' ur0' Xkek' ur0' O gf keci q' ur0' Ekamu' ur0' Ectf wmu' ur0' xg' Vt kqrkw 'ur0' qf w w' ur cpo , vt0"

42" dcn' 3/4pg kpf g' r rnp' k' p' { c' i , p' i 3/4 Ärgp' vcuqprct' kug="Cıtt ci cmu' ur0' Lwi rpu' ur0' Xkek' ur0' O gf keci q' ur0' Ekamu' ur0' Ectf wmu' ur0' xg' Vt kqrkw 'ur0' S wgtewu' ur0' Et cwgı wu' ur0' Rcrkt wu' ur0' Vt kkw 'ur0' J qtf gwo 'ur0' Cregc g' ur0' Ucnk 'ur0' \ gc' b c' u' ur0' xg' T gt cpkw 'ur0' qf w w' dgrk rpo k vt0

Anahtar Kelimeler: 'Dcn' Rcrk qrlk' Cpcrk rgt. 'F k{ ct dcm. "Dkrku. "O w. "Xcp"

#### ABSTRACT

Dgy ggp"4245" cpf "4246."42" j qpg{ "uco r ngu" htqo "F k{ ct dcm. "Dkrku. "O w. "Xcp" r tqxpegu" cpf "j gk" f kwtewu' y gt g' eqmgev f' htqo "mecn' dggnggr gtu. "j g' t' gi kpcn' dggnggr gtu' wpkp. "cpf "cecf go keu' y j q' j cxg" uwf k' g' j' g' uwdlgev k' j' g' r cu" { gtu' Rqrnp" cpcn' | gu' qh' j' g' eqmgev f' j' qpg{ "uco r ngu' y gt g' r gthqo gf 0Cu" c' t' guw' qh' r' qngp' cpcn' uku="K' y cu' f' gvt o kpgf "j' cv' j' gt g' y gt g' 65" vcz' dgrpi kpi "vq' 56' hco kkgu' k' j' qpg{ 0' k' j' g' uwf { . "pq" wphmctn' j' qpg{ "uco r ngu' y cu' hwpf . "cpf "42" j' qpg{ "uco r ngu' y gt g' f' gvt o kpgf "vq' dg" o wkhmctn'

Vcz' y kj "ugeqpf ct { "r qngp" k' j' qpg{ "uco r ngu="Cıtt ci cmu' ur0' Lwi rpu' ur0' Xkek' ur0' O gf keci q' ur0' Ekamu' ur0' Ectf wmu' ur0' c' pf' Vt kqrkw 'ur0' y j gp' k' j' cr r gpu'

Vj g' vcz' y j qug' r qngp' y cu' b quv' eqo o qp' k' 42" j' qpg{ "uco r ngu' y gt g="Cıtt ci cmu' ur0' Lwi rpu' ur0' Xkek' ur0' O gf keci q' ur0' Ekamu' ur0' Ectf wmu' ur0' c' pf' Vt kqrkw 'ur0' S wgtewu' ur0' Et cwgı wu' ur0' Rcrkt wu' ur0' Vt kkw 'ur0' J qtf gwo 'ur0' Cregc g' ur0' Ucnk 'ur0' \ gc' b c' u' ur0' c' pf' T gt cpkw 'ur0' f' gvevf 0'

Keywords: 'J qpg{ 'Rcn' pqrı kecn' Cpcn' | gu. 'F k{ ct dcm. "Dkrku. "O w. "Xcp0'

"





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qtcpfc"vqmkni'gvi' i 3/4vgo gfk k'vgr k' gfk k' v'k' Dknk'p' i grk ko k'c±,u,pcf cp"vqmkni'gvi'k'p' 3/4pgo rk' qm cf, , "f q| rct,p"vgr k' gfk k' guk "dw'o qrgm'ngtkp'r gukuk'cf c|,"qrcteni'ngtk'±cn o crct,p,p" {cr, m cu," k'p' 3/4pgo rk'dk'cf, of,t0'CT4'dkrg k k'p' 20' "ÜO "krg"CT-5'dkrg k k'p' 30' "ÜO "f q| wpwp."CO'egr c"n'v'ni' j Äetgrtk'p' i grk ko k'p' g" dknk' nqtwo c" w'i wro cu," k'p' r qvcpuk' gni' hwi wuk' cf c|," qrcteni' fg gtrgpf k'kgdkrg k' f' Ä' Ä' Ä' gmgf k'0' Vgqt kn' ±cn o crct" ncr uco ,pfc" {cr, rcp" {cr, rcp" O qrgm'ngt' f qnki' ±cn o crct, "fc"CT-4'xg'CT-5'dkrg kmgtk'p' r qvcpuk' gni' hwi wuk' 3/4 grk k'p' g'v'gmg' gmgf k'0'

**Anahtar Kelimeler:** "Cnkwo 'egr c.' O kq'v'k'p' gmu. "Miqo q| qo "cdgtcu{ qpw. "Rgukuk. "Mwo ct'p. "Vkl' c| qro'  
**Teşekkür:** "Dw'±cn o c. "[ q| i cv'Dq| qm'©pkxgt uk'guk'Rt qlg' Mqqt f kpcu' q' W' i wro c' xg' Ctc v, to c' O gtn'g| k' DCR' Dk ko k'v'ct' h'p' cp' HF M/4245/3368' Pwo ct'cn, 'rt qlg' k'g' f' g'v'gmg'po k' v'k'0'

#### ABSTRACT

Eqwo ct'p' eqo r qwpf u'ct'g' h'w'p' "k'p' y' g' ut'wewt'gu' qh' o cp' { 'r r'p'u' k'p' p'cw't'g' c'p'f' r' r'c' { 'ko r q't'v'p'v' t'q'rgu' k'p' r r'p'v' j { uk'q'ni' { 0P cwt'c'n'eqwo ct'p' eqo r qwpf u'ct'g' g'h'g'v'x'g' k'p' r r'p'v' i' t'q' y' j' c'p'f' f' g'x'g'nr' o' g'p'v' P' cwt'c'n' eqwo ct'p' eqo r qwpf u'ct'g' k'o r q't'v'p'v' eqo r qwpf u' y' c'v' r' r'c' { "c' t'q'rg' k'p' g'p'x'k' q'p'o' g'p'v'c'n' ut'g'u' t'g'ur' q'p'u'g' u'cu' y' g'm'c'u' y' g'k' t'q'rgu' k'p' k'q'p' o' q'd'k'k' c'v'k'p' c'p'f' 'w' r'c'ng' d' { 'r' r'p'v' t'q'q'u'0' Eqwo ct'p' u'c'p' d'g' w'ug'f' 'cu' d'k'q' r' g'v'k'f' g' u' d'g'ec'w'ug' y' g' { 'c'v'c'u' u'ki' p'c'k'p' i' o' q'rg'ew'g'u' y' c'v' t'g' i' w'v'g' y' g' k'p'v'g't'c'v'k'p' d'g'v' g'g'p' eqo o' g'p'v'c'u. "r' c'v' q' i' g'p'u' c'p'f' r' r'p'u'0'5"

k'p' y' k'u' u'w'f' { . "h'k' u'w'f' . "p'gy' "eqwo ct'p' eqo r qwpf u' \*CT+ 'eq'v'c'k'p' i' y' k'c| q'rg' t'k'p' i' y' g't'g' u' { p'v' j' g'k' g'f' d' { "c' y' j' t'g'g' u'v'g' r' "u'g't'k'n' u' { p'v' j' g'k' u' t'g'c'v'k'p'0' V' j' g' u' { p'v' j' g'k' u' g'f' j' { d't'k'f' "eqo r qwpf u' y' g't'g' e' j' c't'c'v'g't'k'g'f' d' { "HVKI. " J TO U" c'p'f' " P O T" v'g'ej' p'k' s' w'g'u'0' V' j' g'p. " y' g' " e { v'q'v'z'k' " c'p'f' " i' g'p'q'v'z'k' " g'h'g'v'w' q'h' y' g' u' { p'v' j' g'k' g'f' " p'gy' " eqwo ct'p' y' k'c| q'rg' j' { d't'k'f' " eqo r qwpf u' q'p' y' g' f' g'x'g'nr' o' g'p'v' q'h' CO' egr c" \*q'p'k'p' + " t'q'q'v' e'g'mu' y' g't'g' k'p'x'g'k' i' c'v'g'f' 0'E { v'q'v'z'k' " c'p'f' " i' g'p'q'v'z'k' " g'h'g'v'w' y' g't'g' k'p'x'g'k' i' c'v'g'f' " k'p' CO' egr c" t'q'q'v' e'g'mu' c'v' u'k'z' f' h'g't' g'p'v' e'q'p'eg'p't'c'v'k'p'u' \*20'. "30'. "70'. "320'. "72" c'p'f' "322" O + "w'uk'p' i' y' g' Cnkwo "v'g'u' u' { u'g'o' 0'E { v'q' i' g'p'g'v'k' "c'p'c'n' u'ku' t'g'x'g'c'ng'f' y' c'v' e'q'wo ct'p' y' k'c| q'rg' j' { d't'k'f' "eqo r qwpf u' u'ki' p'h'k'c'p'v' c'h'g'v'g'f' y' g' p'w'o' d'g't' q'h' f' k'x'k'k'p'u' q'h' CO' egr c' e'g'mu' c'p'f' "c'd'p'q't'o' c'v'k'k'g'u' k'p' f' k'k'f' k'p' i' "e'g'mu'0' Eqo r w'g't' "C'k'f' g'f' "O' q'rg'ew'r'c't' "F' g'k' i' p' \*E C O F + "u'w'f' k'g'u' q'h' v'c't' i' g'v' e'q'o r qwpf u' \*CT+ y' g't'g' e'c't'k'f' "q'w' h'q't' r' q'v'g'p'v'c'n' e't'q'r' r' t'q'v'g'v'k'p' "c'r' r' r'k'c'v'k'p'0' k'p' y' k'u' e'q'p'v'z'v' y' g' r' q'v'g'p'v'c'n' h'w'p' i' k'f' c'n' r' t'q'r' g't' v'g'u' q'h' v'c't' i' g'v' e'q'o r qwpf u' y' g't'g' k'p'x'g'k' i' c'v'g'f' "w'uk'p' i' o' q'rg'ew'r'c't' f' q'ent'k'p' i' "u'w'f' k'g'u'0' Y' j' g'p' y' g' e' { v'q'v'z'k' " c'p'f' " i' g'p'q'v'z'k' " v'g'u'v' t'g'u'w'u' q'h' h'k'x'g' CT eqo r qwpf u' c'v' u'k'z' f' h'g't' g'p'v' e'q'p'eg'p't'c'v'k'p'u' y' g't'g' g'x'c'm'c'v'g'f' "v'q' i' g'v' g't. "k'y' c'u' h'w'p'f' y' c'v' CT-4' c'p'f' CT-5' eqo r qwpf u' f' k'f' "p'q'v' j' c'x'g' c' u'ki' p'h'k'c'p'v' v'z'k' " g'h'g'v' q'p' y' g' f' g'x'g'nr' o' g'p'v' q'h' CO' egr c' r' r'p'u' c'v' u'q'o' g' f' q'ug'u'0' k' g'p'v' h'k' i' p' i' y' g' f' q'ug'u' c'v' y' j' k'ej' y' g' v'z'k' " g'h'g'v' q'p' r' r'p'v' f' g'x'g'nr' o' g'p'v' k'u' p'q'v' u'ki' p'h'k'c'p'v' k'u' c'p' k'o r q't'v'p'v' u'v'g'r' "h'q't' h'w'v' j' g't' k'p'x'g'k' i' c'v'k'p' q'h' y' g'ug' o' q'rg'ew'g'u' c'u' r' g'v'k'f' g' "e'c'p'f' k'f' c'v'g'u'0' k' k'u' d'g'r'k'x'g'f' y' c'v' 20' "ÜO "f' q'ug' q'h' CT4' eqo r qwpf "c'p'f' "30' "ÜO "f' q'ug' q'h' CT-5' eqo r qwpf "e'c'p' d'g' g'x'c'm'c'v'g'f' "c'u' r' q'v'g'p'v'c'n' h'w'p' i' k'f' g' "e'c'p'f' k'f' c'v'g'u' h'q't' "r' r'p'v' r' t'q'v'g'v'k'p' "c'r' r' r'k'c'v'k'p' "k'p' y' g' f' g'x'g'nr' o' g'p'v' q'h' CO' egr c' t'q'q'v' e'g'mu'0'

**Keywords:** "Cnkwo 'egr c.' O kq'v'k'p' g'z. "Ej' t'q'o' q'u'o' g' c'd'g't't'c'v'k'p'. "Rg'v'k'f' g'u. "Eqwo ct'p'. "Vj' k'c| q'rg'0'  
**Acknowledgements:** "Vj' k'u' u'w'f' { "y' c'u' u'w'r' r' q't'v'g'f' "d' { "[ q| i cv' Dq| qm' W' p'k'x'g't' uk'f' "Rt qlg'v' E'q'q't' f' k'p'c'v'k'p' " C'r'r'k'c'v'k'p' c'p'f' T'g'ug'c't'ej' 'E'g'p'v'g't' DCR' W'p'k' y' k'j' "r't'q'l'g'v'p'w'o' d'g't' HF M/4245/33680'

#### KAYNAKLAR

3/ F'q'f' u. ROP 0' ( "T'c'y' l'g'p. "L0R0\*4232+0R'p'v'k'o' o' w'p'k' { <v'q' y' c't'f' u'c'p' k'p'v'g' i' t'c'v'g'f' "x'k'g' y' q'h' r' r'p'v' o' r' c'v' q' i' g'p' k'p'v'g't'c'v'k'p'u'0' P'c'w't' g' T'g'x'k'g' y' u' I' g'p'g'v'k'eu. "33\*: +/75; /76: 0'  
4/ U't'k'p' i' r'u. "K'0' C'0' F' g' L'q'p' i' g. "T'0' ( "R'k'g'v't'g'ug. "E'0' O' 0' \*423; +0' V'j' g' "c' i' g' q'h' e'q'wo ct'p'u' k'p' r' r'p'v' o' k'et'q'd'g' k'p'v'g't'c'v'k'p'u'0' R'p'v'c'p'f' "E'g'm' R'j' { uk'q'ni' { . "82\*9+ "3627/363; 0'

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5/Utkpkxcuc." E0" O gnr r c." I 0" Rcvkn" U0" O 0" Tco w" T0" Uj tggxcwuc." D0" F j cto cuj gnet." E0" ( " Uj kxco cmw." E0"\*4244+0'Rcpvu"cpf "gpf qr j { vguó"r ctvpgtuj kr "hqt"yj g"eqwo ctkp"r tqf wevkp"yj tqwi j "yj g" o letqdkn'u{ ugo u0O { eqqi f."35\*6+.'465/4780'

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KİNOKSALİNON-TİYAZOL HİBRİT MOLEKÜLLERİNİN HSP70 PROTEİNİ İLE  
ETKİLEŞİMLERİ VE TEORİK ÇALIŞMALARI  
INTERACTIONS AND THEORETICAL STUDIES OF QUINOXALINONE-THIAZOLE  
HYBRID MOLECULES WITH HSP70 PROTEIN

Mehmet GÜMÜŞ<sup>1</sup>

<sup>3</sup>F q±OF t0" [ q/i cv'Dq/ qnl©pkxgt ukxguk " [ q/i cv'O gurgnl [ Āmugnqmw: 'O Ānkf gv'Mqt wo c 'xg'I Āxgprknl'  
D<sup>3</sup>/4Ao Ā "Uxkl'Ucxwpo c 'xg" vckf geklmiRtqi tco ., [ q/i cv.'VĀtnkf g"

<sup>3</sup>QTEKf "KF <j wru<llqtekf Qti I222/2223/; 484/9; 62"

Yusuf SERT<sup>2</sup>

<sup>4</sup>Rt qlOF t0" [ q/i cv'Dq/ qnl©pkxgt ukxguk "Uqt i wp "O gurgnl [ Āmugnqmw: 'O qvqt nw/Ctc ±ct 'xg'Wrc vto c"  
Vgnpqrlkgt k'Qvqo qvxx'Vgnpqrlkuk'Rtqi tco ., [ q/i cv.'VĀtnkf g"

<sup>4</sup>QTEKf "KF <j wru<llqtekf Qti I222/2223/: : 58/: 889"

İrfan KOCA<sup>3</sup>

<sup>5</sup>Rt qlOF t0" [ q/i cv'Dq/ qnl©pkxgt ukxguk "Hgp/Gf gdkf cv'HcnĀnguk 'Mko {c. [ q/i cv.'VĀtnkf g"

<sup>5</sup>QTEKf "KF <j wru<llqtekf Qti I222/2223/9: 95/37; Z"

"

ÖZET

O qrgmĀngt " [ gtrg vto g." uqp " { ,mctf c" vqtkn' ±cn o crctrc "kr±" i grk vto gplp" vgo gn' dkt " { 3/pĀ' j crkpg"  
i gro k vto O qrgmĀngt " { gtrg vto g" { cmrc ,o ., "mĀ±Ān'dkt "o qrgmĀn'kr" dkt "rtqvgkp" ctcu,pf cnk' gvnkrg ko k'  
cvqo kn' f Ā' g { f g" o qf gngo gm' k±p" mwrp,rcdkk'0' Dw' f vtwo " dk g" j gf gh' rtqvgkrgtkp" dc rpo c"  
d<sup>3</sup>/4i gulpf gnk' mĀ±Ān' o qrgmĀngtkp" f cxtcp, ,p, "nctcmgtk g" vgo go k k' xg" vgo gn' dkt qnko { cucn' uĀt g±rgt k'  
c±,mco co , | , "uc rct0' [ gtrg vto g" uĀt gekpf g, "rki cpf "nqphqto cu { qpw, "rki cpf ,p" { 3/pgrko k' xg" r q| ku { qpw"  
3/pgo rlf k ONki cpv,p'dc rpo c' hkpkgulplp' f g gtrgpf ktko gulpf g'dw' ctc g vgrgt' f g gtrgpf ktko gmgf k'0'  
4"

Dw' ±cn o cf c. "Cwqf qen' Xlpc" r tqi tco , "mwrp,rcncl' j gf gh' o qrgmĀngt " qrcp" nkpqmcrlpqp" \*7aa-ao-"  
dlrg kmgtlpkp" J UR92" r tqvgkp' kr" qrcp" o qrgmĀngt " ngpgvgo g" ±cn o crct, " r tqvgkp" cmkh' tgl kf Āngt k'  
i 3/4 gvrgtgn'i gt±gmrg vtko k vto<sup>4</sup> J gf gh' o qrgmĀngtkp" gp" f Ā Ān' gpgtlkf gnk' qr vto k cu { qp" k ngo rgtk' f g"  
I cwukp" 2; Y " r engv' r tqi tco , "mwrp,rcncl' { cr ,m , vto<sup>5</sup> ¥ cn o cf c" kni 3/peg" 7aa-ao" o qrgmĀngtk'  
I cwukp" 2; Y " r engv' r tqi tco , "xg" I cwuXlgy "70" ctc { Ā " r tqi tco rct, { r " [ q wprwn' hqpmuk' qp" vqtkuk/  
FHV' b gvqf w' D5N [ R' hqpmuk' qpgrkxg' 8/533 - I \*f .r +dc| 'ugv' kmwrp,rcncl' qr vto k g' gf kkr 'RF D' r' tqvgkp"  
f cw" dcpn' hqto crct, " qnw wvrcncl' ngpgvgo g" k±p" j c| , t" j crg" i gvtko k vto<sup>6</sup> " Cwqf qen' Xlpc" kr"  
i gt±gmrg vtkrgp" ngpgvgo g" uqpwrct, pc" i 3/4 g. " o qrgmĀngtkp" tguvr v<sup>4</sup> g" qrcp" ngpgvgo grgtk' dc rpo c"  
gpgtlrgt k' ekulpf gp" m { curcpf , pf c" gp" k' k' dc rpo cp, p" { c' f c" kpj kku { qpwp" 7ai" o qrgmĀn' Āpf g" \*3206"  
necno qmĀn' gpgtlk' xg" 2045: 2; 4 O Ān' kpj kku { qp" f g gtrk' i gt±gmrg vto k' dgrkrgpo k vto'

Anahtar Kelimeler: "Mkpqmcrlpqp. "k' c| qn" J UR/92. "O qrgmĀngt " ngpgvgo g"

Teşekkür: "Dw' ±cn o c. "VĀtnkf g" Dtko ugr' xg" Vgnpqrlknl' Ctc vto c" Mwt wo w' \*VOD VCM±" vctchpf cp"  
344\ 278" Pwo cten, " rtqlg" kg" f gwgmgo k vto' Rt qlg' g" xgtf k k' f gwgmgo" 3/4ĀĀ VOD VCM±"  
vg gmĀngt ko k' k' impct, | 0

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ABSTRACT

O qrgewrt "F qen' kpi " j cu' dgeqo g" c' hwpf co gpvcn' cur gev' qh' f twi " f gxgr o gpv' j tqwi j " vj ggtgvkcn' uwf lgu"  
kp' tgegpv' { gctu' Vj g' o qrgewrt " f qen' kpi " cr r tqcej " ecp' dg' wugf " vq" b qf gn' vj g" kpvgtcvkkp" dgvy ggp' c' uo cml

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

o qngewg"cpf "c"r tqvklp"cv"vj g"cvqo le"ngxgrf"Vj ku"cmqy u"wu"vq"ej ctcevtlug"vj g"dj cxlqwt"qh"uo cm" o qngewgu"lp"vj g"dlpf lpi "uskq"qh"vti gv'r tqvklpu"cpf "vq"gzr rclp"hwf co gpvci'dkqej go lecn'r tqeguugu'f" vj g"qenlpi "r tqegu"iki cpf "eqphqto cvkqp."qtlgpcvklp"cpf "r quklqp"qh"vj g"rki cpf "ctg"ko r qtvcp'Vj gug" r tco gvtu'ctg'gxcncvqf "lp"vj g"cuuguu gpv'qh'iki cpf "dlpf lpi "chhklp{<sup>3/4</sup>"

kp"vj ku"uwf {."o qngewrt" f qenlpi "uwf lgu"qh"vj g"vti gv'o qngewgu."s wlpqzcnkppg"\*7aa-ao+. "y kj "vj g" J UR92"r tqvklp"y gtg"r gthqto gf "d{ "eqpukf gt lpi "vj g"cvkxg"tgukf vgu"qh"vj g"r tqvklp"y kj "vj g"Cwqf qenl Xlpc"l tqi tco . "y j lej "ku"uwf "lp"ftwi "f guki p"cpf "vq"r tgf levuko kct"b qngewrt"lpvgtcevkpu<sup>3/4</sup>"Qr vko k cvkqp" r tqeguugu'qh"vti gv'b qngewgu"cv'vj g"hy gu'gpgti { "y gtg'cuq"r gthqto gf "wulpi "vj g'I cwuukp"2; Y "rceni g" r tqi tco f "kp"vj g"uwf {."hktunf . "7aa-ao"o qngewgu"y gtg"qr vko k gf "wulpi "vj g"F gpukf { "Hwpevkqpcn"Vj ggt { / FHV"b gj qf . "D5N\ R"hwpevkqpcn"cpf "8/533- - I \*f.r +dcuku'ugv'y kj "vj g'I cwuukp"2; Y "rceni g"r tqi tco " cpf "I cwuuklgy "70"lpvgtcegr"r tqi tco u'cpf "b cf g'tgcf { "hqt" f qenlpi "d{ "etgcvlpi "RF D"r tqvklp" f cvc"dcpm" hqto cu<sup>6</sup>"Ceeqtf lpi "vq"vj g" f qenlpi "tguwu"r gthqto gf "y kj "Cwqf qenlXlpc."y j gp"vj g" f qenlpi "qh"vj g" o qngewgu"vq"vj g"tgegr vq"y cu"eqo r ctgf "lp"vqto u"qh"dlpf lpi "gpgti lgu."k'y cu" f gvto kpgf "vj cv'vj g"dgur" dlpf lpi "qt"lpj kdkkqp"qeevttgf "lp"vj g"7ai o qngewg"\*gpgti { "qh"/3206"necno qn'cpf "lpj kdkkqp"xcnwq"qh" 2045: 2; 4 O +0

**Keywords:** S wlpqzcnkppg. "vj kl qrg. "J UR/92."O qngewrt" f qenlpi "

**Acknowledgements:** Vj ku'uwf { "y cu'uwrr qtvqf "d{ "vj g"Uekgpvklp"cpf "Vgej pqrqi lecn'Tgugctej "Eqwpekl" qh'Vwtngf { "V©D VCM"y kj "RtqlgevP q0344\ 2780Y g'y qwf "hkw"vq"vj cpnV©D VCM"lqt "vj gk"uwrrqt v'qh" vj g"rtqlgev0

#### KAYNAKLAR

3/Ci w.'R0E0'Chkwny c.'E0C0'Qtlk'Q0W0'Gj gj . 'G0O 0'Qhng. 'K0J 0'Qi dw.'E0Q0'00( 'C1c.'R0O 0\*4245+0' O qngewrt" f qenlpi "cu" c" vqnl" hqt "vj g" f kvexgt { "qh" o qngewrt" vti gu"qh" pwtcegwlecu" lp" f kugcugu" o cpci go gpv'Uekgpvklp" Tgr qt u."35\*3+."355; : 0'

4/"O gpi ."Z0[ 0\ j cpi . "J 0Z0"O gl gk'O 0( 'Ewk'O 0\*4233+0O qngewrt" f qenlpi <c"r qy gthw'cr r tqcej " hqt"utvewt'g/dcuqf "ftwi "f kvexgt { 0Ewtt gpv'eqo r wgt/clf gf "ftwi "f guki p."9\*4+."368/3790'

5/Hkuej . "O 00"Vtwem."I 0"Uej rgi gn"J 0"Uewgtk."I 0"Uqdd."O 0"Ej ggugo cp."L0"Uecm cpk" I 0"Dctqpg." X0'O gppweek "D0"Rgvgtuqp."I 0422; 0I cwuukp"2; . "Tgxklqp" F 023."I cwuukp."kpe0"Y cnlpi hqtf . "EV0' 6/F gpplpi vq."T0" Mgkj . "V0"O kncp . "L0422; 0I cwuuklgy . "xgtukp"7."Ugo lej go "kpe0"Uj cy pgg'O kuukp." MU0

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TARIM EMTİA PİYASALARINDA ZAYIF FORMDA PİYASA ETKİNLİK ANALİZİ: KAHVE VE KAKAO FİYATLARI ÜZERİNE BİR ARAŞTIRMA ANALYSIS OF WEAK-FORM MARKET EFFICIENCY IN AGRICULTURAL COMMODITY MARKETS: A STUDY ON COFFEE AND COCOA PRICES

Ferhat KARADEMİR<sup>1</sup>

<sup>3</sup>Ctc v, to c'I ¾ gxrıkuk "Quo cpkğ g'Mqt mw'Cvc '©pkxgt ukxguk " mkucf k'xg" f ct k'Drko rgt 'Hcn'Anguk "  
Wmwurt ctcu, 'Vkect gv'xg'Nqlkukm'Quo cpkğ g. 'VĀtnkğ g0'

<sup>3</sup>QTEK 'KF <j wru<llqteğ Qti D222/2225/27; ; /6548"

Samet EVCI<sup>2</sup>

<sup>4</sup>F q±gpvF qmqt. "Quo cpkğ g'Mqt mw'Cvc '©pkxgt ukxguk " mkucf k'xg" f ct k'Drko rgt 'Hcn'Anguk "Wmwurt ctcu, "  
Vkect gv'xg'Nqlkukm'Quo cpkğ g. 'VĀtnkğ g0'

<sup>4</sup>QTEK 'KF <j wru<llqteğ Qti D222/2224/7: 76/5: 69"

#### ÖZET

4246" { , n p f c p " k k d e t g p " q n w o u w | " j c x c " n u w r e t , p , p " x g | " k e k j c u c n m e t , p " n e n e q " ± g n k f g m e t k p f g " { c t e w , , v j t k d e v . n e n e q ' h k f c v e t , p , p ' j , | n e " { Ā n u g m o g u l p g ' p g f g p ' q m o w w t O D g p | g t " g n k f g . " g p " d Ā { Ā n i n e j x g ' Ā t g v e k u k ' q n e p ' D t g | k n { c o f c ' n i 4 Ā j c x c " n u w r e t , n e j x g ' Ā t g v o k p k ' c | c n e t e n i h k f c v e t , p " { Ā n u g m o g u l p g " { q n i c ± o , v t O D w ' i g r k o g r e t " i g t g m i { c v t , o e , n e t , p " i g t g m u g " j g f i g " h q p r e t , p " f k m e v k p ' d w ' g o v e r e t c " { ¾ p g n o k v t 0 ' m i k o " f g k k m k m g t k " f q c n ' c h g v e t . " w i w r e p e p " v e t , o " r q i k k n e r e t , " i k d k ' ± g k i k ' p g f g p r i g r e " n e j x g " x g " n e n e q " h k f c v e t , p f c " q { p e m , n i ¾ Ā n u g " f g " h k f c v e t , p " ¾ p i ¾ Ā n g d k k t r k k ' d e n e " d k " k h c f g { r e " r k f c u c p , p " | c { , h ' h q t o f c " g v n k p r k { c v t , o e , n e t . n e j x g ' Ā t g v e k e g t k ' x g ' k r g v o g r e t k c ± u , p f c p ' ¾ p g o " c t | " g v o g m g f k 0 \ c { , h ' h q t o f c " g v n k p " r k f c u c r e t f c " i g ± o k " f ¾ p g o " h k f c v ' j c t g n g v e t k p f g p " { c t e t r e p e t e n i ' i g r e g n i ' f ¾ p g o " h k f c v ' j c t g n g v e t k p k ' ¾ p i ¾ 4 o g m i Ā ± v Ā t O D w ± c n , o c f c . n e j x g ' x g ' n e n e q ' r k f c u c r e t , p , p | c { , h ' h q t o f c " g v n k p r k ' h k g t e v Ā f g " { c { i , p " q r e t e n i m w e p , n e p " d k t o " n i 4 n i ' v g u m g t k ' k r g ' k p e g r g p o k v t 0 % c n , o c f c . " Q e c n i 3 ; ; 6 / G n k o " 4 2 4 6 " f ¾ p g o k p g " c k ' c { n i m f q r e t " d c | n " n e j x g ' x g " n e n e q " h k f c v e t , " m w e p , m , v t 0 ' m i q r e t e n i g r e p g m u g n i d k t o " n i 4 n i ' v g u m g t k p f g p " I g p k r g v k o k " F l e n g { / H w a n g t " \* C F H : " R j k n k r u / R e t t q p " \* R R + " x g " M y k e w a y u n k R j k n k r u / U e j o k f v U j k p " \* M R U U + " v g u m g t k ' w i w e p o , v t 0 C t f , p f c p ' k n k ' { c r , u c n i m t , m c { c " k k p " x g t g p " N e g g / U t c | k e l e j " \* N U + " d k t o " n i 4 n i ' v g u n k ' k r g " g o v e r e t , p " | c { , h ' h q t o f c " g v n k p r k ' k e p e r i k ' g f k r o k v t 0 J g o " i g r e p g m u g n i ' j g o " f g " { c r , u c n i m t , m c n " d k t o " n i 4 n i ' v g u v u p w e r e t , p f c p " g r f g " g f k e p " d w i w r e t " n e j x g " h k f c v ' u g t k u l p k " f w t e c p " q m o c f , , p , " d e n e " d k " k h c f g { r e " n e j x g ' r k f c u c u , p , p | c { , h ' h q t o f c " g v n k p " q r f w w p w i ¾ 4 n g t o g m g f k 0 M e n e q ' h k f c v e t , k e p " C F H ' x g ' R R " d k t o " n i 4 n i ' v g u m g t k p f g p " u g t k p k " f w t e c p " q m o c f , , " M R U U " v g u m g t k p f g p " k u g " u g t k p k " f w t e c p " q r f w w ' c p r e , m c m e f , t 0 | c r , u c n i m t , m c r e t , f k m e v g " c r e p " N U ' v g u v u p w e r e t , ' k u g ' n e n e q ' h k f c v e t , p , p ' f w t e c p " q r f w w ' { ¾ p Ā p f g f k 0 D w ' f q t w w w f c . " n e n e q " r k f c u c u , p , p | c { , h ' h q t o f c " g v n k p " q m o c f , , " u q p w e w p e " w e , n e d k r k 0 ' % c n , o c p , p " d w i w r e t , " n e j x g " r k f c u c u , p f c " i g ± o k " h k f c v ' j c t g n g v e t k p g " f c { c p e t e n i ' i g r e g m g n k ' h k f c v e t , " ¾ p i ¾ 4 o g p l p " | q t " q r f w w p w ' x g " q t v e m o c p , p Ā g t k p f g " i g v k ' g r f g " g v o g p l p " i Ā ± n g v k k p k ' i ¾ 4 n g t k n g p = n e n e q " h k f c v e t , " k e p " d w p w p " v g t u l p g . " i g ± o k " x g t k e g t g " f c { c p e t e n i ' i g r e g m g n k ' h k f c v ' j c t g n g v e t k p k ' ¾ p i ¾ 4 o g p l p " o Ā o m Ā p " q r e d k e g e g k p k q t v e { c ' h q { o c m e f , t 0

Anahtar Kelimeler: 'Mcj xg. 'Mcneq. 'Go vlc 'Rkfcucu. \ c { , h ' H q t o ' R k f c u c ' G v n k p r k k 0

#### ABSTRACT

Upege'j g'dgi kplpi 'qh'4246. 'cf xgtug'y gcvj gt 'eqpf kklpu'cpf 'etqr 'f kugcugu'j cxg'ugxgtgn' 'chgevgf 'eqeac' dgepu. 'ecwupi 'eqeac' r tkegu'vq' tkeg' tcr kf n' 0'Uko krtn. 'lp' Dtc| kn 'vj g'y qtrf au' rcti guv'eqhgg' r tqf wegt. ' wphxqtcdng' y gcvj gt 'j cu' tgf wegf 'eqhgg' r tqf wevqp. 'ngcf kpi 'vq' r tkeg' kpetgcugu' 0'Vj gug' f g xgnr o gpw'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

j cxg'f tcy p"vj g'cwgpvkp"qh'kpxguvqtu"cpf"j gf i g'hwf u"vqy ctf "vj gug"eqo o qf kkgu0Cnj qwi j "eqhgg"cpf "eqeqc"r tlegu'hwewcwg'f wg'v'q'fcevqtu'uwej "cu'erko cvg'ej cpi g. 'pcwttcnf'kucvgtu. "cpf "ci tlewwtcnr'qrtekgu. "vj g'r tgf'kvcdrk' "qh'r tlegu. "k"qvj gt "y qtf u. "vj g'y gcm'hqto "ghhekgpe { "qh'vj g"o ctngv. "ku"qh'uki p'khecpv' k'p'gt guv'v'q'kpxguvqtu. "eqhgg"r tqf wegtu. "cpf "dwukpguugu0k'y gcm'hqto "ghhekgpv'o ctngv. "k'ku'f'k'hewn'v'q" r tgf'lev'hwwtg'r tleg"o qxgo gpw'dcugf "qp"r cuv'r tleg"o qxgo gpw0Vj ku'uwf { "gzco kpgu"vj g'y gcm'hqto "ghhekgpe { "qh'eqhgg"cpf "eqeqc"o ctngv'wukpi "wpl'tqqv'v'guv'y kf gr' "wugf "k'vj g'hwgtcwtg0O qpj n. 'F qmct/ dcugf "eqhgg"cpf "eqeqc"r tlegu'htqo "vj g'r g'kqf "Lcpwt { "3; ; 6"v'Qevqdtg'4246'y gtg'wugf "k'vj g'cpcn'uku0 Hkuv. "tcf'k'kqpcn'wpl'tqqv'v'guv. "k'p'nf'kpi "vj g"Cwi o gpvgf "F keng { /Hwngt "CF H: "Rj k'kr u/Rgttq" "RR+." cpf "My k'v'v'qy un'k'Rj k'kr u/Uej o k'v'Uj k' "MRUU+"v'guv. "y gtg'cr r'kgf 0Uwdugs wgpv. "vj g'Ngg/Utc| kelej " \*NU+"wpl'tqqv'v'guv. "y j kej "cmqy u'ht "v'q'ut wewt'cn'dtgcnu. "y cu'go r'ng { gf "v'q"cpn' | g"vj g'y gcm'hqto "ghhekgpe { "qh'vj gug"eqo o qf kkgu0Vj g'hwf'kpi u'q'v'k'p'gf "htqo "dqj "tcf'k'kqpcn'cpf "ut wewt'cn'dtgcnu'wpl'k' tqqv'v'guv'k'p'f'k'c'v'v'g'v'v'g'eqhgg'r tleg'ug'k'gu'ku'p'qp/ucv'k'p'ct { . "lwi i guv'kpi "vj cv'vj g'eqhgg"o ctngv'ku'y gcm'hqto "ghhekgpv0Hq"eqeqc"r tlegu. "vj g"CF H'cpf "RR"wpk'tqqv'v'guv'k'p'f'k'c'v'v'g'p'qp/ucv'k'p'ctk'v. "y j k'g"vj g' MRUU'v'guv'w'w' i guv'ucv'k'p'ctk'v0Vj g'NU'v'guv't'guv'nu. "y j kej "eqpuk'gt "ut wewt'cn'dtgcnu. "cnuq'uw' r'qt'v'vj g' ucv'k'p'ctk'v "qh'eqeqc"r tlegu0Vj g'ghqg. "k'ecp"dg"eqpen'gf "vj cv'vj g"eqeqc"o ctngv'ku'p'qv'y gcm'hqto "ghhekgpv0Vj g'hwf'kpi u'qh'vj ku'uwf { "ko r'ng { "vj cv'r tgf'k'v'kpi "hwwtg'r tlegu'dcugf "qp"r cuv'r tleg"o qxgo gpw' k'vj g'eqhgg"o ctngv'ku'ej cmgpi kpi. "o c'kpi "k'f'k'hewn'v'q'cej k'xg'cdqxg/cxgtci g'tgwtpu0k' "eqp'v'cuv. "ht" eqeqc"r tlegu. "k'o c { "dg'hw'cuk'drg'v'ht'gecu'hwwtg'r tleg"o qxgo gpw'dcugf "qp"j k'v'k'lecn'f'cvc0

**Keywords:** 'Eqhgg. 'Eqeqc. 'Eqo o qf k'v' 'O ctngv. 'Y gcm'hqto 'O ctngv'Ghhekgpe { 0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TÜRK DEVLETLERİNDE YAPILAN MUHASEBE VE DENETİM ÇALIŞMALARI ÜZERİNE BİBLİYOMETRİK ANALİZ BIBLIOMETRIC ANALYSIS ON ACCOUNTING AND AUDITING STUDIES IN TURKIC STATES

Tuğçe ALTAY<sup>1</sup>

<sup>3</sup>"F t 0" t gpekuk'Quo cpkğ' Mqtmw' Cvc "Opkxgt ukxguk' Nkucpu' Aũ' G kko 'Gpuakũ' r gvo g' F qmqt c" Rtqi t co ,. "Quo cpkğ. "VOTM [ G"

<sup>3</sup>QTEKF "KF < j wru- lqt ekf Qti D222/2224/8: : 5/395: "

Mustafa KILLI<sup>2</sup>"

<sup>4</sup>"F q±OF t 0Quo cpkğ' Mqtmw' Cvc "Opkxgt ukxguk" DH. "Wwurtctcu, "Vlect gv' xg' NqlkukniD' nAo A " Quo cpkğ. "VOTM [ G"

<sup>4</sup>QTEKF "KF < j wru- lqt ekf Qti D222/2224/; 4: 5/; : 74"

#### ÖZET

Wwurtctcu, " dkko ugn' fgti krgtfg" {c{,prcp" {c{,p" uc{,u, " xg" dw' {c{,prtc" {cr,rcp" cv,h' uc{,u, " Āpkxgtukxgrtğ" xg" Āmrgtğ" cnef go kn' r gthqto cpu,p,p" f g gtrgpf ktko gulpf g" vgo gn' ntkgtgrtftk0' Dw' ntkgtgrt" c{t,ec" dkko " kucprct,p," net ,rc vto c{c" xg" Āmrgtğ" dkko " crcp,pf c" mĀgugni' nupwo rct,p," f g gtrgpf kto g{g'3pgo rk'nevñ"uc rct0'Dw'±cn o cp,p"co ce, "VĀnĀF gxrgrvtğ" g'o wj cugd'xg'f gpgvko " crcp,pf c" {cr,rcp'±cn o crct,p"wwurtctcu, "rkgtcvĀg" nevñrct,p,"ctc vto cm,t0'Dw'co c±"f q twwwwpf c" Y gd'qh'Uelgpeg" \*Y qU+ xgtk'vcdcp,pf c'lpf gmrgpgp. "VĀnĀF gxrgrvtğ" çk'0' wj cugd'xg'f gpgvko "crcp,pf c" {cr,m , " {c{,prct" cpcrk' "gf kko k vt0'Ctc vto c"ner uco ,pc"VĀnĀF gxrgrvtğ" Vg nkrv, "VF V+çpc" Āg" qrcp" VĀnkğ. "C" gtdc {ecp. "Mc| cnkucp. " | dgnkucp. "M,ti ,| kucp" f c j k'gf kko k vt0'Dw' Āmrgtğ" o wj cugd'xg" f gpgvko "crcp,pf c" {c{,prct,p,p" {,mctc. "hupwrt,pc. "lpf gmrgtğ. " {c| ctrctc'xg' Āpkxgtukxgrtğ" i 3/4g'f c ,no , " gp"u,n'hwrcp,rcp" cpcj vt "ngrko grgt "krg" {c| ctrctc. "nwtwo rct "xg" Āmrgt "ctcu,pf c" {cr,rcp" qt ven'±cn o crct" dkdk' qo gvkni'cpcrk' " {3pgo k'hwrcp,rcp'cnk'pegpgo k vt0'Dkdk' qo gvkni'cpcrk' . "dgnk'dk' "crpf cnk'dkko ugn' xgtkrgtğ" {c| ct. "f gti k' nwtwo "xg" Āmrgt" cf ,. "ctc vto c" crcp, "xg" cv,h' uc{ ,u, "i kdk' 3/4 gnrkrgtğ" i 3/4g' p'kgr'xg" p'legni' dcmo f cp" cpcrk' " gf kko gulpg" qrcpni' uc r {cp" dk' " {3pgo f k0' Ctc vto c" uqpwewpf c. "ctc vto c" ner uco ,pf cnk' Āmrgtğ" çk' Y qU' xgtk'vcdcp,pf c'lpf gmrgpgp" o wj cugd'xg'f gpgvko "crcp,pf c" 3; : 2/4246" {,net,p," ner uc {cp" f 3pgo g" çk' vqr rco " 30: 9" {c{,pc" wrc ,m , vt0' [ c{,prct,p" lpf gmrgtğ" f c ,no ,pc" dcmrf , ,pf c" gp" ±qm' {c{,p,p" UUE Kxg' qpw' venk' dp' GUE Kf g' lpf gmrgpf k k'vgur k'gf kko k vt0' [ c{,p'xg'cv,h' uc {,net,pf c' 4227" {,npf cp' k'kdctgp' dgnti lp' dk' ctv, "i gt±gmg o k vt0' Gp' hc| r {c{,p" {cr,rcp" {,np' 4245' xg" gp" ±qm' {c{,p' uc {,u,pc" ucj kr "qrcp" Āmrgtğ" VĀnkğ" g' qrf w wi 3/4 Āro Ā vĀt0"

Anahtar Kelimeler: "O wj cugd'g' F gpgvko . "VĀnĀF gxrgrvtğ" "Dkdk' qo gvkni'cpcrk' . "Y gd'qh'Uelgpeg"

#### ABSTRACT

Vj g' pwo dgt "qh' r wdrkcvkqpu" lp' k'pvtg' v'k'p'ni' uelgpvk' "lqwt' p'ni' c'pf "vj g' pwo dgt "qh' ekcvkqpu" vq" vj g'ug" r wdrkcvkqpu' ct' g' vj g' d'cuk' "etkgtk' hqt' g'xcn'cvkpi "vj g' cecf go k' r' gthqto c'peg' qh' w'pkxgtuk'ku' c'pf "eqw'v'k'gu' Vj g'ug' "etkgtk' cnuq' eqw'v'k'w'g' uki p'k'hecp'ni' "vq' eqo r c'tkpi "uelgpvk' u' c'pf "g'xcn'cvkpi "vj g' i' n'q'cn'r' qukk'qpu" qh' eqw'v'k'gu' lp' vj g' h'grf "qh' uelgpeg" 0' Vj g' çko "qh' vj ku' uwf { 'ku' v'q' lp' x'g'vki cv' vj g' eqw'v'k'w'k'qpu' qh' vj g' uwf k'gu' eqpf v'w'gf "lp' vj g' h'grf "qh' ceeq'w'v'k'pi "c'pf "cwf k'k'pi "lp' vj g' Vwt' nle "U'cv'gu' v'q' vj g' lp' v'g'v'k'p'ni' h'k'gt'c'w'w' g' 0' Hqt" vj ku' r' wtr' qug. "r wdrkcvkqpu' lp' vj g' h'grf "qh' ceeq'w'v'k'pi "c'pf "cwf k'k'pi "d'gr'ipi k'pi "vq' vj g' Vwt' nle "U'cv'gu. "lpf g'z'gf "lp' vj g' "Y gd'qh'Uelgpeg" \*Y qU+ f' cv'cd'cug. "y g'tg' c'pcn' | gf 0' Vj g' ueqr g' qh' vj g' t'gug'ctej "l'p'ern'f g' "Vwt'ng { . " C| gtdck'ep. "Mc| cnj u'w'p. "W' d'gn'k'uc'p' c'pf "M' {ti | | u'w'p. "y j k'ej "ctg' b' go d'gtu' qh' vj g' Qti c'pk' çk'v'p' qh' Vwt' nle"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Ucvgu\*QVU+0Vj g'f kntkdwkqp"qh'r wdreclvqpu"kp"vj g"ceeqwvki "cpf "cwf kiki "hgrf u"qh'yj gug"eqwptlgu" d{"{ gct."uwlgev."kpf gz."cwj qt"cpf "wpxgtukv{."yj g'o quv'htgs wgpv{ "wugf "ng{ y qtf u"cpf "yj g'eqmqdqtclvq" dgy ggp"cwj qtu."kpwkwwkqpu"cpf "eqwptlgu"y gtg"gzco kpgf "wulpi "yj g"dkdiko gvtke"cpn{uku"o gyj qf 0' Dkdiko gvtke"cpn{uku"ku"o gyj qf "yj cv'cmqy u"yj g's wcrkcvkxg"cpf "s wcpvkcvkxg"cpn{uku"qh'uelgpvklk"fcv" kp"c"egtclp"hgrf "ceeqtf kpi "v"ku"ej ctcevgtkvku"uwej "cu"cwj qt."lqwtpcn"kpukwwkqp"cpf "eqwpt {"pco g." tgugctej "ctgc"cpf "pwo dgt"qh'ekcvkqpu0Cu"tguwn"qh'yj g"tgugctej ."c"qvni'qh'3.5: 9"r wdreclvqpu"kp"vj g" hgrf "qh'ceeqwvki "cpf "cwf kiki "kpf gzgf "kp"vj g"Y qU'f cvdcug"qh'yj g'eqwptlgu"y kj kp"vj g"ueqr g"qh'yj g" tgugctej "y gtg"tgcej gf "eqxgtkpi "yj g"r gtkqf"3; : 2/42460'Y j gp"yj g'f kntkdwkqp"qh'r wdreclvqpu"v"vj g" kpf gzgu"ku"gzco kpgf ."k'ku"f gvgto kpgf "yj cv'vj g'o quv'r wdreclvqpu"ctg"kpf gzgf "kp"UUEKcpf "yj gp"GUEK' Vj gtg"j cu'dggp"cu"ki pklcepv'kpetgcug"kp"vj g'pwo dgt"qh'r wdreclvqpu"cpf "ekcvkqpu"ukpeg"42270'ku"uggp" vj cv'vj g'gct"y kj "yj g'o quv'r wdreclvqpu"ku"4245"cpf "yj g'ucv'g'y kj "yj g'o quv'r wdreclvqpu"ku"VÄtnk{ g0'

**Keywords:** 'Ceeqwpvki . 'Cwf kiki . 'Vwtike"Ucvgu. 'Dkdiko gvtke' 'Cpn{uku. 'Y gd'qh'Uelgpeg"

HEMŞİRELERİN AFETLERE HAZIRLIK ALGISI VE MERHAMET DOYUMU ARASINDAKİ İLİŞKİ  
THE RELATIONSHIP BETWEEN NURSES' PERCEPTION OF DISASTER PREPAREDNESS AND COMPASSION SATISFACTION

Semra USTA<sup>1</sup>

W|o cp"J go ktg"qF qmqt c" t gpekuk±"Dcj ±g"Fxrgv"J cwcpguk"CekiUgt xku"Quo cpkfg. "VĀtnkfgO"  
<sup>3</sup>QTEKF "KF <j wr u<llqtekf Qti D22; /2224/" : 282/737; "

Emine KAPLAN SERİN<sup>2</sup>

<sup>4</sup>Fq±FtO"Ogt ukp"©pkxgt ukguk"J go ktgrkniHcmĀnguk" ±"J cwcncmct,"J go ktgrk k' Cpcdkko "F cn."  
Ogt ukpI'VĀtnkfgO"  
<sup>4</sup>QTEKF "KF <j wr u<llqtekf Qti D222/2224/9549/; 389"

ÖZET

**Giriş:** Chgvrt. "qrmw wp" {c"fc"qrmw wp"dk"muo ,p,p"hk kmgn"lqu{ cn'xg"gnppqo knine { ,r nte" { qnc±ctcmi pqtocn'j c {cv,"xg"kpucp"hcrc{k gvgtkpk'f wfvwcp" {c"fc"ngukpk'g" w tvcv"fq cn"kpucp" {c"fc"vgnpqm'kn' ne {pcm"vgj rkngrtkp"uqpwef wtO'Dw'i kdk'chgv'f wvwo rct,pf c"i gpgn'qrcm'j go kgrgt"ntkknit'qn'q {pctrc"t xg'chgvrt'g"j c| ,tnm'f Ā g {rgtk"uc n,m"xg'gvnk'ko Ā c'j crg'k'p"±pgo r'k'k'0

**Amaç:** Dw'f gtrgo g'j go kgrgtk'p'chgvrt'g"j c| ,tnm'cni ,u,"xg'o gtj co gv'f q {wo w'ctcu,pf cn'k'rk nk'g'f kmv' ±gmo gni'co ce, {r" {c| ,m , v,t0

**Yöntem:** F gtrgo g."I qqi ng"Uej qqrct"xg'Rwdo gf"Ā g'k'p'gf'rkgtcvĀ"vctco cu, {±p'vgo k'rg'j c| ,trcpo , v,t0 J go kgrgtk'p' chgvrt'g"j c| ,t" qnw "cni ,u,pc" xg"j go kgrgtk'p"j c| ,t,qnw nmi' f Ā g {k'p'p' chgv' f ±p'go k'p'f g" o gtj co gv'f q {wo w'p'q'f cmcp,m , v,t0

**Bulgular:** J go kgrgtk'p'chgvrt'g"j c| ,tnm'cni ,u,"gvnk'ko Ā c'j crg'xg"j cuv"i Āxgprk k'c±,u,pf cp'dgrkrg {k'k' wpuwtf wtO'O gtj co gv."nk k'p'p'ng'p'k'j kuugwk k'xg'c"dc nercr,p,"±gmk k'u,mpv,rcr,p"hcrcmpf c"qmo cu,"dw" u,mpv, { ,j ch'hwgo g"co ce, {r" g {rgo g'i g±o guk'k'0O gtj co gv'f q {wo w" {cr ,rcp" k'xg'uw'w'p'f guv' k'gp" k'k' gn'kf g" {g'k'p'g'i gv'to gm'p'grf g'gf k'p'p' g'xmk'0C'chgvrt'g" k'k'j c| ,trcpo , "j go kgrgt."ceki'f wvwo rct'f c" tqm'g'k'p'f g'f c'j c" {Āmgn'i Āxg'p"xg'gvnk'p'ni'f Ā g {rgtk'p'g"ucj k' "qmo c" g kko k'p'f gf k'0'Dw'j c| ,tnm" {gv'g'rik' g kko g'ucj k' "qmo c" { ,chgv'f tqv'q'ng'k'j cmmpf c"dk'i k'ucj kdk'qmo c { ,xg'i gt'gm'k'ne {pcm'ctc'g'k' ko k'k'gt'k'0 O gtj co gv'f q {wo w'j go kgrgtk'p'w'j "uc n ,p,"xg'k' 'cvo k'p'k'p'k'w'wo cf c"±qm'±pgo r'k'k'k' hcm'±4f Āt0[ Āmgn'i f Ā g {f g" ghnev' 'cvo k'p'k" vĀng'po k' r'ni' xg" kn'p'ek'i v'cxo cv'ni' ut'guk'p" gv'nk'g'k'p'k' c| cncd'k'k'0' Cte v'to crct." chgvrt'g"het , 'k'k'j c| ,trcpo , "j kuug'p'j go kgrgtk'p'i gpgn'k'ng'f c'j c" {Āmgn'i'f Ā g {f g'o gtj co gv'f q {wo w' d'k'f k'f km'g'k'p'k'i ±4v'gto k' w'0'Dw'p'p'p'gf g'p'k"j c| ,tnm" qmo cp,p"ne {i , "xg"ut'guk'c' cno cu, "j go kgrgtk'p" j cuv" dcmo ,pc" f c'j c" hc| r" qf cm'cpo crct,pc" xg" k'rgtk'p'f gp" o go pwp'k'g'v' grf g" gvo grgtk'p'g" qrcp'cni' uc mo cu,f,t0

**Sonuç Ve Öneriler:** J go kgrgt" chgv' f wvwo rct, "n'p'w'w'p'f c" g kko "xg" d'k'p'p'ng'p'f k'to g." f gpg {ko ." w'f i w'co c."k'g'k' ko 'xg'k' d'k'rk k'chgv'luq'p'tcu, r'uknuqu {cn'f guv'nik'g'ki k'p'po grk'k'0O gtj co gv."j go kgrgtk'p" j c| ,tnm'f Ā g±rgtk'p'g'qrcp"nev,no ,p,"xg'o Ā c'j crg" {gv'g'p'gm'g'k'p'k'ctv't,tn'gp."gvnk'k'd'k'chgv' {±p'g'ko k'k'p'f g" n'k'kn'k'k'k' w'puwtf wtO'Dw'p'gf g'p'g."j go kgrgtk'p" g kko k'p'f g'xg'f guv'ni'uk'ugo r'g'k'p'f g"o gtj co gv'hc'm'±4Āp'Āp" i ±4 ±p'Āp'f g'd'w'w'p'f wvwo cu, ±p'go r'k'k'0"

**Anahtar Kelimeler:** Chgv."J c| ,tnm"J go ktg."O gtj co gv'F q {wo w'

.....

"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

**Introduction:** F kucvgtu'tguwn'ltqo 'pcwtcn'o cp/o cf g.'qt'vgej pqrqi kecm' 'kpf weg' 'j c| ctf u'vj cv'uxqr "qt" kpvgttw v'pqtto cnh'kg'cpf 'j wo cp'cev'k'k'kgu'd { 'ecw'kpi 'r j { u'k'ecn' 'u'q'elcn' 'cpf 'geq'p'qo le' 'h'u'ugu'v'q' 'u'q'elgv' 'qt' c' 'r ctv' 'qh' 'u'q'elgv' 'O' 'k'p' 'uwej "f kucvgt' 'ukw'cv'k'p'u. "pwtugu' 'r' c' { "c' 'et'k'le'cn' 't'q'ng' 'k'p' "i' g'p'g't'cn' 'cpf " 'j' g'k' " 'r'g'x'gn' 'qh' r tgr ctgf p'guu' 'h'qt' 'f' kucvgtu' 'ku' 'ko r qt' 'w'p'v' 'h'qt' 'c' 'j' g'cmj { 'cpf 'g'h'g'ev'k'g' 't'g'ur' q'p'ug'0

**Aim:** Vj ku'tgx'kgy 'y cu'y tkw'gp'v'q' 'f' t'cy 'c'w'gp'v'k'p'v'q' 'v'j' g' 't'g'r'cv'k'p'uj' k'r 'd'g'y' g'p' 'p'w'tugu' 'r' g't'egr' v'k'p' 'q'h' 'f' kucvgt' 'r' tgr ctgf p'guu' 'cpf' 'eqo r cu'k'q'p' 'u'c'v'k'h'ce'v'k'p'0

**Method:** "Vj g' 't'g'x'kgy "y cu' 'r' tgr ctgf "d { " 'v'j' g' 'r'k'g't'c'w't'g' 't'g'x'kgy "o g'v'j' q'f' " 'v'j' t'q'w'j' j " 'I' q'q'i' n'g' " 'U'ej' q'r'c't' " 'cpf' " 'R'w'd'o' g'f' 'O'K' 'h'q'ew'ug'f' "q'p' 'v'j' g' 'r' g't'egr' v'k'p' 'q'h' 'p'w'tugu' : "t'g'c'f' k'p'g'u' 'h'qt' 'f' kucvgtu' 'cpf' 'v'j' g' 'eqo r cu'k'q'p' 'u'c'v'k'h'ce'v'k'p' 'q'h' 'p'w'tugu' 't'g'c'f' k'p'g'u' 'h'g'x'gn' 'f' w't'k'p'i 'v'j' g' 'f' kucvgt' 'r' g't'k'q'f' 0

**Results:** P w'tugu' 'r' g't'egr' v'k'p' 'q'h' 'f' kucvgt' 'r' tgr ctgf p'guu' 'ku' 'c' 'f' g'v'g't'o' k'p'k'p'i "h'ce'v'q't' "k'p' "v'g't'o' u' "q'h' 'g'h'g'ev'k'g' k'p'v'g't'x'g'p'v'k'p' 'cpf' 'r' c'v'k'g'p'v' 'u'c'h'g'v' 'O' 'E'q'o' r' cu'k'q'p' 'ku' 'v'j' g' 'c'y' c't'g'p'g'u' 'q'h' 'q'p'g'u' 'q'y' p' 'q't' 'q'v'j' g't'u' 'f' k'w't'g'u' 'cpf' 'v'c'n'k'p'i " c'ev'k'p' 'v'q' 'c'm'g'x'k'c'v'g' 'v'j' k'u' 'f' k'w't'g'u' 'O' 'E'q'o' r' cu'k'q'p' 'u'c'v'k'h'ce'v'k'p' 'ku' 'v'j' g' 'r' 'n'g'c'u'w't'g' 'q'd'v'c'k'p'g'f' 'h'q'o' 'h'w'h'k'k'p'i 'v'j' g' 'y' q't'n' 'f' q'p'g' 'cpf' 'v'j' g' 'u'w'r' q't'v' 'r' t'q'x'k'f' g'f' 'k'p' 'v'j' g' 'd'g'u'v'j' c' { 'O'P' w'tugu' 'y' j' q' 'c't'g' 'y' g'm' 'r' tgr ctgf 'h'qt' 'f' kucvgtu' 'v'g'p'f' 'v'q' 'j' c'x'g' 'j' k'j' g't' 'r'g'x'gn' 'qh' 'e'q'p'h'f' g'p'eg' 'cpf' "g'h'g'ev'k'g'p'g'u' 'k'p' "v'j' g'k' "t'q'ng' 'k'p' "g'o' g't'i' g'p'ek'g'u' 'O' 'V'j' k'u' 'r' tgr ct'c'v'k'p' "k'p'ew'f' g'u' 'j' c'x'k'p'i " c'f' g's' w'c'v'g' " w't'c'k'p'k'p'i . " n'p'q'y' n'g'f' i' g' " q'h' 'f' kucvgt' " r' t'q'v'q'eq'm. " 'cpf' " c'e'g'u' " v'q' " p'g'eg'u'c't' { " t'g'u'q'w't'eg'u' 'O' 'E'q'o' r' cu'k'q'p' 'u'c'v'k'h'ce'v'k'p' "ku' 'c' " x'g't' { " 'k'o' r' q't' 'w'p'v' 'h'ce'v'q't' "k'p' "o' c'k'p'v'c'k'p'k'p'i "p'w'tugu' 'o' g'p'v'c'n' 'j' g'cmj " 'cpf' " 'l'q'd' " u'c'v'k'h'ce'v'k'p' 'O' 'J' k'i' j' "r'g'x'gn' 'qh' 'eqo r cu'k'q'p' 'u'c'v'k'h'ce'v'k'p' "e'c'p' 't'g'f' w'eg' 'v'j' g' "g'h'g'ev'k'g' 'q'h' 'd'w't'p'q'w' 'cpf' "u'g'eq'p'f' c't' { " w't'c'w'o' c'v'e' 'u't'g'u' 'O' 'T' g'ug'c't'ej' "j' cu' 'u'j' q'y' p' 'v'j' c'v'p'w'tugu' 'y' j' q' 'h'g'gn' 'y' g'm' 'r' tgr ctgf 'h'qt' 'f' kucvgtu' 'i' g'p'g't'c'm' { 't'g'r' q't'v' 'j' k'j' g't' "r'g'x'gn' 'qh' 'eqo r cu'k'q'p' 'u'c'v'k'h'ce'v'k'p' 'O' 'V'j' k'u' 'k'u' 'd'g'ec'w'ug' 'r' tgr ctgf p'guu' 't'g'f' w'eg'u' 'c'p'z'k'g'v' 'cpf' "u't'g'u' . " c'm'q'y' k'p'i "p'w'tugu' 'v'q' 'h'q'ew'u' 'o' q't'g' 'q'p' 'r' c'v'k'g'p'v' 'e'c't'g' 'cpf' "i' c'k'p' 'u'c'v'k'h'ce'v'k'p' 'h'q'o' "v'j' g'k' 'y' q't'n'0

**Conclusion and Suggestions:** "P w'tugu' 'u'j' q'w'f' "d'g' "e'q'p'eg't'p'g'f' "y' k'j' "g'f' w'ec'v'k'p' "cpf' "c'y' c't'g'p'g'u' /t'c'k'k'p'i . " g'z'r' g't'k'p'eg' . " r' t'c'ev'k'g' . " eqo o' w'p'k'ev'k'p' " 'cpf' " e'q'q'r' g't'c'v'k'p' "k'p' "f' kucvgt' "u'k'w'c'v'k'p'u. " 'cpf' " r' q'u'v'f' kucvgt' 'r' u' { 'e'j' q'u'q'ek'n' 'u'w'r' r' q't'v' 'O' 'E'q'o' r' cu'k'q'p' 'ku' 'c' " e't'k'le'cn' 'g'r'g'o' g'p'v' 'h'qt' "g'h'g'ev'k'g' 'f' kucvgt' "o' c'p'c'i' g'o' g'p'v' 'y' j' k'g' "k'p'et'g'c'uk'p'i "p'w'tugu' 'r' c't'v'k'ev'k'p' "k'p' "r' tgr ctgf p'guu' 'r' t'q'eg'u'g'u' " 'cpf' "k'p'v'g't'x'g'p'v'k'p' "u'n'k'm' 'O' 'V'j' g't'g'h'q't'g' . " k' 'ku' 'k'o' r' q't' 'w'p'v' 'v'q' 'e'q'p'k'f' g't' 'v'j' g' 'eqo r cu'k'q'p' 'h'ce'v'q't' "k'p' 'v'j' g' 'w't'c'k'p'k'p'i " 'cpf' "u'w'r' r' q't'v' 'u'f' u'v'g'o' u' 'q'h' 'p'w'tugu' 'O'

**Keywords:** F kucvgt' . 'R't'g'r' ctgf p'guu' . 'P' w'tug' . 'E'q'o' r' cu'k'q'p' 'U'c'v'k'h'ce'v'k'p' "

İKLİM DEĞİŞİKLİĞİNİN KRONİK HASTALIKLAR ÜZERİNE ETKİLERİ VE  
HEMŞİRELİK  
THE EFFECTS OF CLIMATE CHANGE ON CHRONIC DISEASES AND NURSERY

Semra USTA<sup>1</sup>

W/o cp"J go ktg"qmqtc" t gpekuk+ "Dcj ±g" F gxrvg"J cuwpguk" Ceki Ugt xku. "Quo cplk g. "VĀtnk g0"  
<sup>3</sup>QTEK "KF <j wr u-1lqt elf Qti I222; /"2224/" : 282/737; "

Emine KAPLAN SERİN<sup>2</sup>

<sup>4</sup>F q±F t0"O gt ukp" ©pkxgt ukuguk "J go kt grkn Hcññguk" ±J cuwñmct, "J go kt grk k' Cpcdlrko "F cn. "  
O gt ukp I"VĀtnk g0"

<sup>4</sup>QTEK "KF <j wr u-1lqt elf Qti I222/2224/9549/; 389"

"

ÖZET

**Giriş:** mko "f g k knk k' kpucpn ,p" nct , "nct , {c" qif w w' gp" dĀĀñ' uc nñm' vgj f kf kf k' t0' Ucp{ kg o g. " ngpvw o g" xg" pĀñu" ctv , . " i Āpg " gpgtluk" {cpu, o cñt. , " f Āp {cp, p" {34 Āpi guk" cvo quhgtni' dkg gprgt. " xqmcpkn' qrc {nct" i kdk' hcmñ4rgt "u, ecñj' cxc" f cñi cñt. , " h, t v, pcrct "xg" ugnmt. "i , f c" ukvgo rgt k' p' dql wñ cu, pc" pgf gp" qm cñcf, t0Dw' f wto f c' ncf, pñt. " ±qewmct. " gvpkn' c| , pñmct. " { qñuwn' vqr nñmct. " i 3±o gprgt. " { c n" pĀñu' i kdk' g| cxcpcñ, " dkt g { rgt " vctch, pf cp" j kuuf kro gmgf k0'

**Amaç:** Dw' f gtrgo g" knko "f g k knk k' xg" ntqpn' j cuwñmct " Ā' gt k' p' g" vñkrgt' k' ctcu, pf cñk' krk nk' g' f kñev' ±gnñ gñico ce, {ñ" { c| , m , v, t0

**Yöntem:** F gtrgo g. " rñkgtcvĀ' " vctco cu, " {3pvg o k' rñ" { c| , m , v, t0' mko "f g k knk k' p' ntqpn' j cuwñmct " Ā' gt k' p' g" vñkrgt' k' xg" j go kt grkn' dcmo , pc" qf cñmcp, m , v, t0'

**Bulgular:** mko "f g k knk k' xg" ntqpn' j cuwñmct, p" ctv , " k±" k±g" i g±o k "f wto f cf, t0' J cxc" nkt rñk k" qñwo uñ "uc nñm' gñkrgt k' p' qtc {c±, nñ cu, "xg" vqr nwo "uc n , " Ā' gt k' p' gñk' qñwo uñ " gñkuk' c±, u, pf cp" 3pgo rñ' dkt " ±gxt gñrñ' gpf k g' f k' t0' Gp' Āñt kg o g. " pĀñu" ctv , " xg" ngpvw o g' p' j cxc" nkt rñk k' p' g' pgf gp" qm cñc" xg" gtnp " 34 Āo rgt f g' 3pgo rñ' dkt " hcmñ4f Ā' t0' U, ecñj' cxc" f cñi cñt. , " j cxc" nkt rñk k" qto cp" { cpi , pñt. , " nwtcm, m" i , f c" i Āxgpuk' rk k" { gvtuk' " dgurgpo g. " i Āxgprñ' uñ' m' vñ , " ugnmt. " i 3±rgt. " uc nñm' j k' o g' vgt k' p' g" cñmco c" i kdk' pgf gprgt" nct f k' qxcumĀrgt" j cuwñmct. " j cxc" nkt rñk k" hñt. " o k' qñct v" gphctmĀñĀ " uqñpwo " uqtwpñt. " cuv, o. " ntqpn' qdñt Āñkñ' cñek gt" j cuwñ , " hñpugt. " twj " uc n , " dql wñmct, " qtc { c±, nñ cñcf, t0"

**Sonuç:** " ±gxtg" uc n , p, p" dql wñ cu, " kpucpn" uc n , p, " f c" qñwo uñ " gñkrgo gmgf k0' Dw' f wto " ntqpn' j cuwñmct, p" ctvo cu, pc" pgf gp" qm cñcf, t0' J go kt grgt" ntqpn' j cuwñmct, p" dcmo , pf c" xg" {3pvg o k' p' f g' r tko gt' tññq { pco cñcf, t0' Uc nñm' k' vgo rgt k' xg" j go kt grgt' k±p" , u, pcp' xg" j , | ñ" f g k gp' f Āp { cf c' j go kt grkn' dcmo , " uc rco cññdĀĀñ' qñmct, " f c" i gñkto gmgf k0' Dw' p' g' gprgt. " knko " f g k knk k' xg" f Āp { c' uc n , . " vĀo " j go kt grgt' k±p" g' f k' p' k' guk' i gt gñp" vgo gñ' dñi k' j cñp" g" i gñ k " f wto f cf, t0' Dw' p' g' gprgt" kpucpn" uc n , p, p" nqt wpo cu, " xg" i grk vñ kro guk' p' g" nñkrgt' dcmo " xgto gñ' co ce, {ñ" j k' o g' v' k±k' g kko rgt k' p' xgt kro guk' 3pgt kro gmgf k0'

**Anahtar Kelimeler:** mko "F g k knk k' Mtqpn' j cuwñmct. " Uc nñm' J go kt grkn' Dcmo ,

ABSTRACT

**Introduction:** Erko cvg" ej cpi g" ku" vj g" dki i guv' j gcmj " vj tgcñ' hñkpi " j wo cplk' t0' Hñvqtu" uweç " cu" k' p' wñtkñk' cvkp. " wñdcpk' cvkp. " r qr wñvqp' i tqy vj . " uqñt' gprgti { " tghñgñk' p' u' j g' gctv j " u' qtdk. " cvo qur j gtle" eqo r qp' gpvu. " cpf " xqñcplk' " gxpñw' ecwug" j gcvy' cxgu. " uqto u' cpf " hñqf u. " cpf " f kut wñ vqp" qh' hñqf " u { vgo u0' Vj ku' ku' hñm' d { " f kucf xcpñi g' " k' p' k' k' f wñu' uweç " cu' y qo gp. " ej kf tgp. " gvj ple" b' kpqt k' ku. " r qat' eqo o wplku. " o ki tcpu. " grf gññ " r qr wñvqp0

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

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**Aim:** Vj k'utgxkgy 'y cu'y tkwgp'vq'f tcy 'cwgpvkqp'vq'vj g'tgrcvkqpuj kr 'dgy ggp'erko cvg'ej cpi g'cpf 'ku'ghgewu' qp'ej tqple'f kugcugu0

**Method:** "Vj g'tgxkgy 'y cu'y tkwgp'd{ "vj g'rkgtcwtg'tgxkgy "o gj qf 0'Vj g'ghgewu'qh'erko cvg'ej cpi g'qp' ej tqple'f kugcugu'cpf 'pwtukpi 'ectg'ctg'hqewugf 0

**Results:** Erko cvg'ej cpi g'cpf "vj g'kpetgcug'kp'ej tqple'f kugcugu'ctg'kpvty kpgf 0Ck'r qmwkqp'ku'c'o clqt" gp'xktqpo gp'vcl'eqpegtp'kp'vgt'o u'qh'vj g'qeevttgpeg'qh'cf xgtug'j gcnj "ghgewu'cpf 'ku'pgi cvkxg'ko r cev'qp" r wdrk"j gcnj 0'kf wvklrk'cvkqp." r qr wcvkqp"i tqy vj ."cpf "wvclpk'cvkqp"ecwug"ckt"r qmwkqp"cpf "ctg"cp" ko r qt'wcp'hcexqt"kp"r tgo cwtg"o qvcrk'0'Ectf kqxcuewrt" f kugcugu."ckt"r qmwkqp."utqng."o {qectf kcn' kphctevkqp."tgur kcvqt{ "r tqdngo u."cuj o c."ej tqple"qduv wv'xg"r wv qpct{ "f kugcug."ecpegt."cpf "o gp'vcl' j gcnj " f k'utgf gtu" qeew" f wv" vq" j gcv" y cxgu." ckt" r qmwkqp." hqtguv' hktgu." f tqwi j v." hqf " k'pugewtk'." o c'pwtk'kqp."uj qt'vci g'qh'uchg'y cvgt.'hmqf u."o ki tvk'qpu."f kut w'v'kqp'kp'j gcnj 'ugt'xlegu0 "

**Conclusion and Suggestions:** "F gvtk'qcvkqp"qh'gp'xktqpo gp'vcl'j gcnj "cnuq'pgi cvkxgn' "chgewu"j wo cp" j gcnj 0'Vj ku'ukwcvkqp"ecwugu'cp'kpetgcug'kp'ej tqple'f kugcugu0P wtugu'r r{ "c'r tko ct{ "tqrg'kp'vj g'ectg'cpf" o c'pci go gp'v'qh'ej tqple'f kugcugu0Rtq'xkf kpi "pwtukpi "ectg"kp"cy cto kpi "cpf "tcr k'f n' "ej cpi kpi "y qtrf" dtkpi u'i tgc'v'ej cmgpi gu'hqt"j gcnj "u{u'vgo u'cpf 'pwtugu0'Vj g'tghqtg."erko cvg'ej cpi g'cpf "i m'dcn'j gcnj "j cxg" dgeqo g'gu'v'vcl'n'p'qy r'gf i g'hqt"cm'pwtugu0'Vj g'tghqtg."k'ku'tgeqo o gp'f gf "v'r tq'xkf g'kp'ugt'xleg"v'cl'kpi " vq'r tq'xkf g's wv'v' { "ectg'hqt"vj g'r tq'v'evkqp"cpf "ko r tq'xgo gp'v'qh'j wo cp'j gcnj 0'

**Keywords:** Erko cvg'Ej cpi g.'Ej tqple'F kugcugu.'J gcnj .P wukpi 'Ectg

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### İNME Lİ HASTALARDA ALT EKSTREMİTE ORTEZ KULLANIM MEMNUNİYETİ İLE YAŞAM KALİTESİ VE ÖZÜR SEVİYESİ ARASINDAKİ İLİŞKİ: ÖN ÇALIŞMA RELATIONSHIP BETWEEN SATISFACTION WITH LOWER EXTREMITY ORTHOSIS USE, QUALITY OF LIFE AND DISABILITY LEVEL IN STROKE PATIENTS: A PRELIMINARY STUDY

Hilal AYDIN<sup>1</sup>

<sup>3</sup>W/o OH/v.'MÃxcj {c'Uc nmiDkko rgtk'Opkxgtukguk'Gxrkf c'¥ grgdK'G kko 'xg'Ctc v,toc 'J cuwpguk'Hk/ kni Vgf cxx'xg'Tgj cdkkxcuf qp'J cuwpguk'MÃxcj {c.'VÃnkf gO'

<sup>3</sup>QTEKF "KF <222;/2224/4296/3856"

Seda AYZAZ TAŞ<sup>2</sup>"

<sup>4</sup>Ft0' t0©{guk'Dqmw'cdcpv' || gv'Dc{ucni'Opkxgtukguk'Uc nmiDkko rgtk'HcnÃnguk'Hk/ {qvgt crk'xg" Tgj cdkkxcuf qp'D'Ão Ã.'Dqmw.'VÃnkf gO'

<sup>4</sup>QTEKF "KF <2222/2224/499:/2287"

#### ÖZET

**Amaç:** "Dw'±cn o cp,p"co ce,"lpo grk'j cuwrtf c"cn'gmvtgo kg"qtvg| "mwmp,o "o go pwpk'gk'kg" {c co "nerkguk'xg'¼ Å'ugxk'guk'ctcu,pf cnk'rk nk'k'ctc v,toc m,t0'

**Yöntem:** ¥ cn o c {c'MÃxcj {c'Uc nmiDkko rgtk'Opkxgtukguk'Gxrkf c'¥ grgdK'G kko 'xg'Ctc v,toc 'J cuwpguk' Hk/ kniVgf cxx'xg'Tgj cdkkxcuf qp'J cuwpguk'p'g' {cv, " {cro cmc'qmp."cn'gmvtgo kg"qtvg| k'qrcmni'gwnk'gpgp' vctch'gmvtgo kguk'p'g'ucdk/CHQ "Ucdk/c {cm/c {cm'dkrg Kqtvg| k'hwmcp'p'43'lpo grk'dk'g' {f'cj k'lgf kro k v't0' F'cj k'lgf kro g'ntk'gt'gtk'3: " {c ,pf'cp'dÃ'Ã'ni'qm c."lpo g'i g±kto k "qm c."gp'c| "5" c {f,t"CHQ"mwmp, {qt' qm cm,t0'Dk'g' {rgt'lp'f'go qi tch'ni'¼ grk'ngt'k'c'c .'ek'puk'gv'dq { "w' v'p'rw w'x'Ãew'c ,tn ,."gwnk'gpgp'vctch" f'qo k'p'cp'v'vctch'+cn'pf,mcp'ucptc'¼ Å'ugxk'g'grt'k'O qf k'k'g'g'T'cp'nk'p'Un'rcu,"\*o TU+'kg." {c co "nerkguk'k' po g'g'" | i Å' [ c co "Merkguk'" n±g k' \*UUS QN+'kg"qtvg| "o go pwpk'g'v'rt'k'Qtvg| "Rt'qv| "Mwmp,e,rt," Cp'ng'k'O go pwpk'g'v'O qf Å'Ã' \*QRMC/O +'kg" f'g g't'ng'p'f'k'k'f'k'0'F g' g't'ng'p'f'k'k'g'p'r'ctco g't'ng'g't'ctcu,"krk nk' Rck'gf 'uco r'ng'V'V'g'u'v'kg" {cr ,rf ,0C'p'rc'o n'ni'f' Å' g' {k'r >2.27"q'rc'm'ni'd'g'k'ng'p'f'k'0'

**Bulgular:** "Dk'g' {rgt'lp'¼ Å'ugxk'g'grt'k'kg"QRMC/O "vqr rco " \*r ? 2.229+."QRMC/O "ekj c| "o go pwpk'g'k' \*r ? 2.24+." QRMC/O "ugt'xku"o go pwpk'g'k' \*r ? 2.225+ "r wcp'rt," ctcu,pf c' "krk nk' d'w'wp'f'w'0' C {t,ec" ¼ Å'ugxk'g'grt'k'kg"UUS QN'i ¼ o g' \*r ? 2.223+'xg'rk'ucp' \*r ? 2.22: +d'¼'Ão rgt'k'ctcu,pf c'c'p'rc'o n'krk nk'd'w'wp'w'ng'p' UUS QN'vqr rco "f'k'gt'cn'd'¼'Ão rgt'k'ctcu,pf c'krk nk'd'w'wp'o cf, " \*r @.27+0'QRMC/O "vqr rco "r wcp'rt,"kg" UUS QN'¼ dcmo " \*r ? 2.222+."UUS QN/o qd'k'kg" \*r ? 2.222+."UUS QN/k'ng'x'ug'ni'k' \*r ? 2.222+."UUS QN'Ã'u' gmvtgo kg'f'q'p'm'k' q'p'rt, " \*r ? 2.222+."UUS QN/c'kg'f'q'ng'k' \*r ? 2.222+."UUS QN/vqr rco " \*r ? 2.222+ "r wcp'rt," ctcu,pf c'c'p'rc'o n'f'ct'ni'd'w'wp'f'w'0'

**Sonuç:** po grk'j cuwrtf c' ¼ Å'ugxk'g'guk' cn' gmvtgo kg"qtvg| "o go pwpk'g'v'rt'k' g'v'rt'k'0' C {t,ec" qtvg| "o go pwpk'g'k'kg" {c co "nerkguk'p'k' d'k'±q'm'cn'd'q {w'w'kg'krk nk'f'k'0'

**Anahtar Kelimeler:** "po g.'Qtvg| "Ekj c| rct,..J cuw'O go pwpk'g'k' [ c co "Merkguk"

#### ABSTRACT

**Objective:** "Vj g'clo "qh'v'j ku'uwf { "y cu'v'q"l'p'x'g'uk' c'v'g'v'j g't'g'v'k'p'uj kr "d'gy g'p'uc'v'k'uc'v'k'p'y kj "ny gt' g'z't'go k'f' "qt'v'j quku'w'ug'c'p'f 's'w'v'k'f' "qh'rk'g'c'p'f "f'k'uc'd'k'v'f' "ng'x'ng'k'p'ut'q'ng'r'c'v'k'p'w'0'

**Method:** "Vj g'uwf { "k'p'ni'f'gf "43"ut'q'ng'r'c'v'k'p'w'j' qur k'c'rk'gf "cv'MÃxcj {c'W'p'k'x'g'uk' "qh'J' g'cnj "U'el'g'p'egu' G'x'rk'f'c'¥'gr'gd'k'v't'c'k'p'i'c'p'f "T'g'ug'c'tej "J' qur k'cn'Rj {u'k'ec'n'Vj'g't'c'r { "c'p'f "T'g'j'c'd'k'k'x'c'v'k'p'J' qur k'cn'y'j'q'y'g't'g' w'uk'p'i "c'h'z'gf "C'p'm'g/H'q'q'v'Q't'v'j' quku' \*CHQ+'p'v'j'g'c'h'g'ev'g'f' "ny'gt'g'z't'go k'f'0'k'p'ni'w'uk'p'et'k'g't'k'y'g't'g'd'g'k'p'i "

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qxgt'3: "{ gctu'qh'ci g.'j cxlpi 'j cf 'c'utqng.'cpf 'j cxlpi 'wugf 'cp'CHQ'ht'cv'hcuv5'o qpj u0Chgt'tgeqtf lpi " f go qi tcr j le'ej ctcevgtku'eu"\*ci g.'i gpf gt.'j gli j v.'dqf { 'y gli j v.'chgevgf 'ukf g.'f qo kpcpv'ukf g+'f kucdkrkv{ " r'xgnu'y gtg"cuuguugf "wukpi "y g"O qf k'kgf "Tcpi'k"Uecrg"\*o TU+."s wrkv{ "qh'rk'g"y cu'cuuguugf "y kj "y g" Utqng/Ur gek'ke" S wrkv{ "qh'N'kg"Uecrg"\*UUS QN+." cpf "qtj quku"uc'vukhcevkqp"y cu" gxcn'evgf "y kj "y g" Qtj q'vku'cpf "Rtquj g'vku'Wugtu'Uwt'xg{ "Uc'vukhcevkqp"O qf wr'g"QRWU/UO +0Vj g'tgr'evkqpj kr "dgw ggp'y g" gxcn'evgf "r ctco g'vgtu'y cu'cpcn{ | gf "wukpi "y g"R'ekt gf "Uco r rg"V/Vguv."y kj "c"uki p'k'kecpv"r'xgn'ugv'cv' r >2020

**Results:** C'tgr'evkqpj kr "y cu'hqwpf "dgw ggp'kpf k'kf wcu'f kucdkrkv{ "r'xgnu'cpf "QRMC/O "v'qcn' \*?2029+." QRMC/O " f g'xleg" uc'vukhcevkqp" \*?2024+." cpf " QRMC/O " ugt'xleg" uc'vukhcevkqp" \*?2025+." ueqtgu' Cff k'kqpcmf. " uki p'k'kecpv' tgr'evkqpj kr u" y gtg" hqwpf " dgw ggp" f kucdkrkv{ " r'xgnu" cpf " UUS QN/x'kukqp" \*?2023+."cpf "r'pi wci g"\*?2022: +."uge'v'k'p'u."y j k'g"pq"tgr'evkqpj kr "y cu'hqwpf "k'p'qj gt "UUS QN"v'qcn' uwduge'v'k'p'u" \*?2027+." C " uki p'k'kecpv' f k'k'gt'gpeg" y cu" qdugt'xgf " dgw ggp" QRMC/O " v'qcn' ueqtgu" cpf " UUS QN/ug'rh'ectg" \*?2022+."UUS QN/o qd'krkv{ " \*?2022+."UUS QN/h'wpe'v'k'p'crkv{ " \*?2022+."UUS QN/ w r gt" g'z'v'go kv{ "h'wpe'v'k'p'u" \*?2022+."UUS QN/r'co kn{ "t'qrgu" \*?2022+." cpf "UUS QN/v'qcn' \*?2022+." ueqtgu'

**Conclusion:** K'p'utqng'r' evk'p'u."y g'h'xgn'qh'f kucdkrkv{ "ch'gevu'uc'vukhcevkqp"y kj "h'qj gt'g'z'v'go kv{ "qt'v' qugu' Cff k'kqpcmf. "qt'v' quku'uc'vukhcevkqp"ku'tgr'evgf "v"o cp{ "f ko gpuk'p'u'qh's wrkv{ "qh'rk'g'g'

**Keywords:** Utqng. Qtj q'vku'F g'xlegu. R'evk'p'v'Uc'vukhcevkqp. S wrkv{ "qh'N'kg"

"  
"





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xg"fg gtrgpf kkn gmgf k0Cpcrk "gf krp"o gncpkn'ucdkrk"i gtmkrkmgk"MUeQ5"dkg k kpk"o gncpkn' qrcen'netctn"qrf w wpw'i 3/4ngtk0C {t,ec."MUeQ5"dkg k kpk"vgo qf kpcn kni3/4 gmkmgk" {ct,"j cto qpkn' {cmc ,o rct"\*SJ C+"mwrcp,rcen'ctc vt,m , vt0'

**Anahtar Kelimeler:** "FHV."dklpek'r tgpukr . "dcpv" {cr ,u. "grcvkn'ucdkrgt."vgo qf kpcn kni'

"

"

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**CsScO<sub>2</sub>'IN YAPISAL, ELEKTRONİK, ELASTİK VE TERMODİNAMİK ÖZELLİKLERİ  
STRUCTURAL, ELECTRONIC, ELASTIC AND THERMODYNAMIC PROPERTIES OF  
CsScO<sub>2</sub>**

**Mustafa ÖZDURAN<sup>1</sup>**

<sup>3</sup>M,t gj kt "Cj K'Gxt cp" Wpkxgt ukş. "Hcewnş "qhl'ct u"cpş "Uekşpegu. "F gr ct w gpv'qhlRj {ukeu. "M,t gj kt." Vwt ngl."

<sup>3</sup>QTEKŞ "KF <j wr u<llqt ekş Qti İ2222/2225/6569/7; 28"

**Nihat ARIKAN<sup>2</sup>**

<sup>4</sup>Quo cpkş g' Mqt mw' Cvc "Wpkxgt ukş. "F gr ct w gpv'qhl'O gş kecn'Ugt xkegu'cpş "Vgej pks wgu. "Quo cpkş g." Vwt ngl'O

<sup>4</sup>QTEKŞ "KF <j wr u<llqt ekş Qti İ2222/2223/: 24: /5354"

**Selgin AL<sup>3</sup>**

<sup>5</sup>Ko kt "F go qet ceş "Wpkxgt ukş. "F gr ct w gpv'qhl'Gpxkş qpo gpcniRt qvşekşp "Vgepqriş kgu. "Ko kt. "Vwt ngl'O

<sup>5</sup>QTEKŞ "KF <j wr u<llqt ekş Qti İ2222/2225/46; 8/3522"

**ÖZET**

Dw'±cn o cf c "Hf /5o "wş c { "i twdwpf c" dwşwpcp "CrEw4O p" vkr k'EuUeQ<sub>4</sub>" dkrş k kşkp { cr , ucn "grşmt qpkm" grşvknkşg "vto qf kşco knş<sup>3</sup>4 grşmşgtk "i gpgnş ştko k "i tcf { cp " { cnc , o , "f cş kşkp g" { q şpnşnlşqpnşkş qpgş vşqt kşkpş " f c { cn " r uş<sup>4</sup> qr qşcpşkş şni f A şgo /f cri c " { şpşgo k' mşwşp, şcteni ş wşpwo /GURT GUUQ" r cşşv' r tqi tco , "kş'şpegrşpf İ0EuUeQ<sub>4</sub>" dkrş k kşkp "qr vko kş gşgf kno k "ş<sup>4</sup>i A'şcdkşk'c<sub>2+</sub> " dwşmlşo qf A'şD'+xşg' grşvknş ucdkşgtk "E<sub>u+</sub> "j gür şcp, r "xşg" f g ştrşpf k kşk'0'Dw' dkrş knş'şkp "grşmt qpkni'dcpşv' { cr , u, "j gür şcpş , vş't0'Dw' dkrş k kşp "4Q 7" gX "gpştlk'şdcpşv'cten , "qñw şi ş<sup>4</sup>A'ş A'şA'0Dw'f c "qpşpş f qñc { n "dcpşf "cten, mş "şet cşmşgtş "şcj kş " qfş w şpw' i ş<sup>4</sup>şvşgtk'0'©± " şcteni " grşvknş ucdkş " E<sub>33</sub>. " E<sub>34</sub> " xşg " E<sub>66+</sub> " mş'şdkni { cr , f cniş dkt " vşni şni kşvşkp " grşvknş ş<sup>4</sup> grşmşgtkşp " vco co şp " şcp, o şct0'J gür şcpşp " grşvknş ucdkşgtkşp " dcmşf , şpf c " o şgnşpknş qñcteni şcteni " qfş w ş'dwşşpş w şw'0Dw'şc , o , şp'şnt, ni cşpn , ş. "Dİİ " ştşp, "xşg' Ecşwej { "dşu, şp, " E<sub>34</sub> ş6E<sub>66+</sub> " j gür şcpşcteniş şcj c " c { t, şp, n " qñcteni şpegrşpk'0'J gür şcpş cşct, o , ş " dw' dkrş k kşp " uş'şpşni dkt " { cr , { c " şcj kş " qfş w şpw' şqtc { c " nşq { şq'0'Uşp " qñcteni "EuUeQ<sub>4</sub>" dkrş k kşkp " ucdkş " j ceo şpf g " u, ecni , c " dşc n " şktş ko " xşg " şktş ko " uşgdşv' şpşgtlkuk " şpşv'qr kşxşg, u, " şer cşkşgşkp { ct, " j cto şpknşf şd { g " o qf şrgşo şukşrg " şpegrşpşo k şkt "0

**Anahtar Kelimeler:** "J şwşnt " dkrş k kş " grşvknş ucdkşgt. " o şvcrşni şet cşmşgt. " dcpşv' { cr , u, "

**ABSTRACT**

Kş "şj ku' uşwşf { . "şj g " ut şewwşcn " grşvştpşle. " grşvşle " cpş "şj gto qf { şco kş " r tqr ştvşgu " qhl "şj g " CrEw4O p " vşr g " EuUeQ<sub>4</sub> " şeo r qşwpşf " kş "şj g " Hf /5o " şr cegş "i tqwr "şy gşg " şpşxşgnşkş şvşf "şy kşj "şj g " şs wşpwo /GURT GUUQ " ş ceniş g " r tqi tco " şukşpi "şj g " şr şwşf şq şvşpşv'cnş r şcpşpş /şy cşxşg " o şjş qf " dşcuşf " şq " f şpşkş " şwşpşkşpnş "şj şgt { "şy kşj kşp "şj g " i şpşgtşkş şf "i tcf kşpşv' cr r tqzko cşkşp0'Vşj g " şr vko kş şf " şcşwşeg " şeqşpşvşpş "c<sub>2+</sub> " dwşmlşo qf şwşw "şD " cpş " grşvşle " şeqşpşvşpş " E<sub>k+</sub> " qhl " EuUeQ<sub>4</sub> " şeo r qşwpşf " ctşg " şecşwşvşf " cpş " şgşcnişvşf 0'Vşj g " grşvştpşle " dcpşf " ut şewwşg " hqt "şj ku' şeo r qşwpşf " ku' şecşwşvşf 0'Vşj ku' şeo r qşwpşf " ku' şhşwpşf "şq "şj cşxşg " c " dcpşf " i cr " şpşgti { "qhl "4Q 7" gX. "şy şj kşj " şpf kşcşvşu "şj cşvşkşj cu' şp " şpf kşg şv' dcpşf " i cr " şej ctşcşvşgt 0'Vşj şgg " f kşhşgt şpşv' grşvşle " şeqşpşvşpş " E<sub>33</sub>. " E<sub>34</sub> " cpş " E<sub>66+</sub> " şeo r şvşgnş " f şhşkpş "şj g " grşvşle " şr tqr ştvşgu " qhl " c " şkşpi şg " et { ucnşy kşj " c " şwşdşle " ut şewwşg 0'Eqşpkş ştkşpi "şj g " şecşwşvşf " grşvşle " şeqşpşvşpş " kşy cu' şhşwpşf "şq " dşg " o şej cşpşcşmşf " ucdşng 0'Vşj g " dtkşrgşpşu " qhl "şj ku' cnişq { " ku' şpşxşgnşkş şvşf " kş " o qtşg " f şvşkniş d { " şecşwşvşpş "şj g " Dİİ " " şcşvşkş " cpş " Ecşwej { " r şgşwşwşg " E<sub>34</sub> ş6E<sub>66+</sub> " 0'Qw " şecşwşvşkşpu " şgşcniş "şj cşvş "şj ku' şeo r qşwpşf "şj cu' c " f şwşkşrg " ut şewwşg 0' Hşpcniş . "şj g " şgo r ştcşwşg /f şrgş şpf şpşv' şkşdt cşkşpş " cpş " şkşdt cşkşpş " şt şgg "

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gpgti { . 'gvtqr { 'cpf 'j gcv'ecr cek\ 'qh'vj g'EuUeQ<sub>4</sub>'eqo r qwpf 'cv'eqpucpv'xqno g'ctg'kpxguki cvgf 'd { 's wcul/  
j cto qple'F gd { g'o qf gkpi 0'

**Keywords:** 'J gwung'eqo r qwpf . 'gruuk'e'qpuucpvu . 'o gvcuk'e'ej ctcevt . 'dcpf 'utwewtg0'

"

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#### APIUM GRAVEOLENS IN TERMS OF BIOLOGICAL ACTIVITIES BİYOLOJİK AKTİVİTELER AÇISINDAN APIUM GRAVEOLENS

Mustafa SEVİNDİK<sup>1</sup>

<sup>3</sup>F q±gpv."Quo cpkğ"Mt mw'Çv "Wpkgt ukğ."Gpi kpggt kpi "cpf "Pcwt cn'Uekgpegu'Hcewnğ."F gr ct wo gpv'qlh' Dkqrqi {."Quo cpkğ."Vwt ng{"

<sup>3</sup>QTEK "K" <j wr u<llqteğ Qti D222/2223/9445/4442"

#### ÖZET

Dknkgt " i g±o k vgp" i ĀpĀo Āğ" hctm," dkt±qm' co c±ct" k±p" nwrp,m , v,t0' Dw' ±cn o cf c" Crkwo " itcxgqrgpu" rkgteçĀf g" dkf k lrp" dkqmlkn' cmkxkgrtk' fgtgpo k vt0' Y kf " egrgt {" qrtcn' f c" dkpo gmgf k0Eq tchm'qrctcn'dk±qm'hctm,"d%ni gf g{"c{,n "i %vgt o gmgf k0" nk' {,m,nxg{c'o qpqrtr kn' ±qm' {,m,n' dk " dknk' k0' Crkwo " itcxgqrgpu" rkgteçĀf" etc vto crct,pf c" cpvkqmkf cp." cpvo kntqdk en' rtxlekf en'cmkxkg."ukvqymkn"cpvk'gphro cwxct."ci t,"ngulek'xg"cpvk'epugt "i kdk'cmkxkgrtklp"qrf w w' i % ngo rpo k vt0'Uqpw±"Crkwo " itcxgqrgpu" hcto cmqmlkn'f g gt klp {" Ānugn'qrf w w'xg" hcto cmqmlkn' f k c { p r t f c ' f q c n h e { p c n l q r t c n l n w r p , r d k g e g k f Ā Ā Ā o g m g f k 0 ' "

**Anahtar Kelimeler:** "Cpvkqmkf cp."cpvo kntqdk en"Crkwo ."V,ddk'dknkgt."I grpgmugn'V,r "

#### ABSTRACT

Rrpw"j cxg"dgpp" wugf "hqt"o cp {" f hgt gpv'r vtr qugu"ltqo "r cuv'vq"r t g u g p 0 ' k p " v j k u ' u w f { . " v j g " d k q m i k e c n ' c e v k x k g u ' q h ' C r k w o " i t c x g q r g p u " t g r q t v g f " k p " v j g " r k g t e ç w t g ' y g t g ' e q o r k g f 0 ' k ' u ' c n u q ' h p q y p ' c u ' y k f " e g r g t { 0 ' K ' u ' f k u t k d w g f ' k p " o c p { " f h g t g p v t g i k p u ' i g q i t e r j k e c m l 0 ' k ' u ' c " d k e p p k e n i q t " o q p q e c t r k e ' r g t g p p k e n i r r e p v 0 ' k p " r k g t e w t g " u w f l g u . " k ' y c u " q d u g t x g f " v j c v ' C r k w o " i t c x g q r g p u " j c u " c p v k z k f c p v . " c p v o k e t q d k e n " r t x l e k f e n ' c e v k x k v { . " e { v q v z k e . " c p v k l p h r o o c v q t { . " c p c n i g u l e " c p f " c p v k e c p e g t " c e v k x k g u 0 E q p e n w u k p " K ' u ' v j q w i j v v j c v ' C r k w o " i t c x g q r g p u " j c u " j k i j " r j c t o c e q m i k e c n ' x c m g " c p f " e c p " d g " w u g f " c u " c " p c w t c n ' u q w t e g " k p " r j c t o c e q m i k e c n i f g u k i p u 0 " " "

**Keywords:** "Cpvkz kf cpv."cpvo kntqdk en"Crkwo ."O gf kelpcn'r rpvu."Vtcf kkpnci'O gf kelpg"

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#### A REVIEW ON THE BIOLOGICAL ACTIVITIES OF THE FRAGRANT VIOLET PLANT HOŞ KOKULU MENEKŞE BİTKİSİNİN BİYOLOJİK AKTİVİTELERİ ÜZERİNE BİR İNCELEME

Mustafa SEVİNDİK<sup>1</sup>

<sup>3</sup>F q±gpv: "Quo cpk'g' Mqtmw' Cvc 'Wpkxgtuk'. 'Gpi kpggtkpi 'cpf 'Pcwt cn' Uekgpegu' Hcewn'. 'F grctvo gpv' qh' Dkqrqi { . 'Quo cpk'g. 'Vwtngf' "

<sup>3</sup>QTEK 'KF <j wru-qlqtekf Qti I2222/2223/9445/4442"

#### ÖZET

Dkknkgt 'gnqukugo kp' f g k o gl 'wpuwrtct, pf cp' dkk' k' k' t' O' D' w' 3/4 gnknkgt' k' d' k' ±' qn' i' c' ±' w' h' w' m' p' , o , p , p' { q' m' p' w' c' ±' o' c' m' c' f , t' 0' ¥' c' n , o' c' o , | f' c' "Xkqr" "qf qt c' w' ø , p' " r' k' s' g' t' c' v' Å' f' g' " d' k' f' k' t' k' r' g' p' " d' k' f' q' r' l' k' n' i' c' m' k' x' k' g' r' g' t' k' f' g' t' r' g' p' o' k' v' t' 0' " Xkqr " qf qt c' w' \*Xkqr e' g' c' g' + ) " y' q' q' f' " x' k' q' r' g' v' " u' y' g' g' v' " x' k' q' r' g' v' " G' p' i' r' k' u' j' " x' k' q' r' g' v' " e' q' o' o' q' p' " x' k' q' r' g' v' " ) " i' k' d' k' " k' u' k' o' r' g' t' r' g' " d' k' k' p' o' g' m' g' f' k' t' 0' " D' e' j' ±' g' " d' k' n' k' u' k' " q' r' c' t' c' n' i' d' k' i' p' k' t' 0' " ¥' k' e' g' m' g' t' " p' q' t' o' c' n' f' g' " n' u' { ' w' " o' g' p' g' m' g' " x' g' { ' c' " d' g' { ' c' | ' f , t' " x' g' " n' a' j' m' w' w' f' w' t' 0' " Xkqr " qf qt c' w' ø , p' " r' k' s' g' t' c' v' Å' t' " c' t' c' v' t' o' c' r' c' t' , p' f' c' " c' p' v' k' q' m' u' k' f' c' p' . " c' p' v' k' o' k' n' t' q' d' k' f' c' n' " c' p' v' k' t' q' r' i' k' g' t' c' v' k' h' " c' p' v' k' e' p' u' g' t' . " c' p' v' k' g' p' h' r' c' o' c' w' x' c' t' " x' g' " c' p' v' k' f' k' u' r' k' k' f' g' o' k' n' i' k' d' k' " c' m' k' x' k' g' r' g' t' k' p' k' p' " q' r' f' w' w' i' 3/4 r' g' o' r' g' p' o' k' v' t' 0' " N' k' s' g' t' c' v' Å' t' " c' t' c' v' t' o' c' r' c' t' , " d' c' | " c' n' p' f , , p' f' c' " Xkqr " qf qt c' w' ø , p' " u' Å' t' " d' k' n' k' u' k' " q' m' c' u' , p' " { ' c' p' k' " u' , t' c' " d' c' | , " d' k' f' q' r' l' k' n' i' c' m' k' x' k' g' r' g' t' k' p' k' p' g' " q' r' f' w' w' x' g' " d' w' h' e' r' u' c' o' f' c' " h' c' t' o' c' n' a' j' m' w' w' f' k' k' c' { ' p' r' e' t' f' c' " h' w' m' p' , r' e' d' k' r' e' g' i' k' i' 3/4 Å' m' Å' v' Å' t' 0' "

**Anahtar Kelimeler:** "C' p' v' k' e' p' u' g' t' . " C' p' v' k' o' k' n' t' q' d' k' f' c' n' " C' p' v' k' q' m' u' k' f' c' p' . " V , d' d' k' " d' k' n' k' g' t' . " X' k' q' r' "

"

#### ABSTRACT

R' e' p' w' i' c' t' g' " q' p' g' " q' h' ' y' j' g' " e' q' u' c' p' v' ' g' r' g' o' g' p' w' i' q' h' ' y' j' g' " g' e' q' u' { ' u' g' o' 0' V' j' g' u' g' " h' e' c' w' t' g' u' r' c' x' g' " y' j' g' " y' c' { " h' q' t' " k' u' " w' u' g' " h' q' t' " o' c' p' { " r' v' t' r' q' u' g' u' 0' k' p' " q' w' " u' w' f' { . " y' j' g' " d' k' q' m' i' k' e' c' n' i' c' e' v' k' x' k' g' u' " q' h' " Xkqr " qf qt c' w' " t' g' r' q' t' v' g' f' " k' p' " y' j' g' " r' k' s' g' t' c' w' t' g' " y' g' t' g' " e' q' o' r' k' g' f' 0' " Xkqr " qf qt c' w' \*Xkqr e' g' c' g' + " k' u' " n' p' q' y' p' " d' { " p' c' o' g' u' u' e' j' " c' u' " } y' q' q' f' " x' k' q' r' g' v' " u' y' g' g' v' " x' k' q' r' g' v' " G' p' i' r' k' u' j' " x' k' q' r' g' v' " e' q' o' o' q' p' " x' k' q' r' g' v' ) 0' k' k' u' " n' p' q' y' p' " c' u' " c' i' c' t' f' g' p' r' r' e' p' v' 0' V' j' g' " h' n' y' g' t' u' c' t' g' " p' q' t' o' c' m' f' " f' c' t' n' i' x' k' q' r' g' v' q' t' " y' j' k' g' " c' p' f' " h' t' c' i' t' c' p' 0' k' p' " r' k' s' g' t' c' w' t' g' " u' w' f' k' u' . " k' v' j' c' u' " d' g' g' p' " q' d' u' g' t' x' g' f' " y' j' c' v' " Xkqr " qf qt c' w' " j' c' u' " c' p' v' k' z' k' f' c' p' v' . " c' p' v' k' o' k' e' t' q' d' k' c' n' " c' p' v' k' t' q' r' i' k' g' t' c' v' k' g' . " c' p' v' k' e' p' e' g' t' . " c' p' v' k' p' h' r' c' o' o' c' v' q' t' { " c' p' f' " c' p' v' k' f' { u' r' k' k' f' g' o' k' e' " c' e' v' k' x' k' g' u' 0' " D' c' u' g' f' " q' p' " r' k' s' g' t' c' w' t' g' " u' w' f' k' u' . " k' v' j' c' u' " d' g' g' p' " u' g' g' p' " y' j' c' v' " Xkqr " qf qt c' w' " k' u' " c' p' " q' t' p' c' o' g' p' v' c' n' r' r' e' p' v' " c' u' " y' g' m' " c' u' " j' c' x' k' p' i' " u' q' o' g' " d' k' q' m' i' k' e' c' n' i' c' e' v' k' x' k' g' u' " c' p' f' " e' c' p' " d' g' " w' u' g' f' " k' p' " r' j' c' t' o' c' e' q' m' i' k' e' c' n' i' f' g' u' k' i' p' u' " k' p' " y' j' k' u' " e' q' p' v' g' z' v' 0' " "

**Keywords:** "C' p' v' k' e' p' u' g' t' . " C' p' v' k' o' k' n' t' q' d' k' f' c' n' " C' p' v' k' q' z' k' f' c' p' v' . " O' g' f' k' e' k' e' c' n' i' r' r' e' p' w' i' . " X' k' q' r' "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MEDICINAL POTENTIALS OF AVERRHUA CARAMBOLA AVERRHUA CARAMBOLA'NIN TIBBİ POTANSİYELLERİ

İmran UYSAL<sup>1</sup>

<sup>3</sup>Ft. F grctwo gpv'qhlHqqf 'Rt qeguakpi . 'Dcj ÷g'Xqecvkqpcn'Uej qqn'qhl'J ki j gt 'Gf wecvkap. 'Wpkxgtukş 'qhl' Quo cpkş g'Mqtmw'Çvc. 'VÄtnkş g0'

<sup>3</sup>QTEKŞ 'KŞ <j wru<llqteş Qti İ2222/2225/2; 64/; 87: "

#### ÖZET

Dknkrgt "dgung{ lek'k+gk k'f , ,pf c"l+gfk k'gwnp"o cf f grgt"uc { gukş g"hc to cnuqlk'crp,pf c"fc"mwncp,o , " dwnmpo cmcf ,t0' Dw" ±cn o cf c" Cxgttj qc "ectco dqrø,p" rkgtecvÄf g" dkş k'krgp" dkş qn'kn' cmkşkrgtk' f gtrgpo k vt0'Cxgttj qc "ectco dqrø"Qzcrkf cegcg'hco kn'cu,pf c" { gt"cro cmcf ,t0'O g { xguk' { gpkgdkrgp"±qnl' { ,mni'dk "dknkş k'08"o gvtg'xg { c'f c'j c'c' | " { Ämgnrk g"ncf ct "dÄ { Ä { gp"mÄ+Äni'dk "c c±v,t0[ cr ,mp"rkgtecvÄ" etc v,t0 crct, "uqpvewpf c" Cxgttj qc "ectco dqrø,p" cpvkqmş cp. "cpvko kn'qdkş cn" cpvkncpugt. "ukvqymkn" cpvkş tqrkgtcv'xg"cpvkş hco cwct "i kdk'cmkşkrgtk'kp"qif w w'i ¾ rgo rgo k vt0'Uqpw±qrcctni'Cxgttj qc "ectco dqrø" dkkn'kp"o g { xg"¾ gmk k'f , ,pf c"hc to cnuqlk'crp,pf c"fc"¾ pgo rk' cmkşkrgtk'kp"qif w w' i ¾ Ä Ä vÄ0'

**Anahtar Kelimeler:** "Cpvqmş cp. "cpvkncpugt. "cpvko kn'qdkş cn" Cxgttj qc. "vddk'dknkrgt"

#### ABSTRACT

Rrcpw'ctg'cnuq "wugf "kp"vj g'hgrf "qhl'r j cto ceqmi { "f wg"vq"vj g'cevşg'kpi tgf krpw'vj g { "eqpvkş . "kp"cf f kşkp" vq"vj gk'pwtkşkpçileqpvgp0'kp"vj ku'uwf { . "vj g'dkqmi kecn'cevşkşgu'qhl'Cxgttj qc "ectco dqrø" tgr qtvgf "kp"vj g" rkgtecvwtg'y gtg'eqo r krgf 0'Cxgttj qc "ectco dqrø" ku'kp"vj g"Qzcrkf cegcg'hco kn'0'ku'c'r gtgpçen'r rcp'v'kj " gf kdrg"htwk0'ku'c"uo cni'vgg"vj cv'i tqy u"vq"ç"j gki j v'qhl'8"o gvtu"qt "rguu0'Cu"ç"tguwn'qhl'vj g'rkgtecvwtg" tguçtej . 'k'y cu'qduçtgf "vj cv'Cxgttj qc "ectco dqrø" j cu'cpvkzş cpv. "cpvko kn'qdkcn" cpvkncpugt. "e { vqzke. " cpvkş tqrkgtcv'xg'cpf "cpvkş hco o cvqt { "cevşkşgu0'Cu'ç"tguwn. 'k'y cu'uggp"vj cv'Cxgttj qc "ectco dqrø" r rcpv' j cu'ko r qtcpv'cevşkşgu'kp"vj g'hgrf "qhl'r j cto ceqmi { "kp"cf f kşkp"vq"ku'htwk'hçwtg0'"

**Keywords:** "Cpvqmş cpv. "cpvkncpugt. "cpvko kn'qdkcn" Cxgttj qc. "o gf kşkpçen'r rcpw"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### PHARMACOLOGICAL POTENTIAL OF HORSETAIL ATKUYRUGU BİTKİSİNİN FARMAKOLOJİK POTANSİYELİ

İmran UYSAL<sup>1</sup>

<sup>3</sup>Ft. F gr ct wo gpv'qhlHqqf 'Rt qeguakpi . 'Dcj ÷g'Xqecvkpcn'Uej qqr'qhlJ ki j gt 'Gf wecvkap. 'Wpkxgtukş 'qhl' Quo cpkş g'Mqtmw'Cvc. 'VÁtnkş g0'

<sup>3</sup>QTEKF 'KF <j wru<Iqtelş Qti I222/2225/2; 64/; 87: "

#### ÖZET

Dknkrgtf g" {gt" crcp" hgpqrkn' dkrş kmgt." w÷wew" {c rct" i kdk' dkt±qnl' hctm," dkrş gprgt" uc{ gupf g" uqp" f 3/4 pgo rgtf g'hctm" crcpnrtf c" nwrmp, o , p"ctw, , "i 3/4 rgo rgo k vlt 0'Dw"±cn o cf c"Gs wkugwo "ctxgpugşp" rkgtecvÁf g"dkf kkrşp"dk{ qrlkn'cmkşkrgt k'f gtrgo k vlt 0'Gs wkugwo "ctxgpug")'Vctrc"cnw{ tw w))'qrctnl' dkrşo gmgf k0Eq tchkn'qrctnl' gpgnkmg'Mwş g{"ct, o mÁt gpk'ctmkn'şg", no cp'd3/4i grgtkpf g"{ gk gp"±qnl' { , m, mdknk'vÁf Áf Áf 0'Vctrc"cnw{ tw w"±gmc±o c| rct'xg"ur qtrc'Át gtrgt 0I 3/4f g'k'k'dq "qrcp"dknkp"8/37" ctcu, "dq wo f c" kpeg. "±o "c ce, pc" dgp| gt" { cr tcmct, "dwnpo cmcf, t0[ cr , rcp" rkgtecvÁf "ctc vto crct, " uqpwewp c"Gs wkugwo "ctxgpugşp" cpvkqmş cp. "cpvko kntqdkş cn" ukşqvmşm" cpvkncpugt. "cpvkş kş cdgvm" cpvkphco cwct'xg'cpvkqukuşr vki' i kdk'cmkşkrgt k'p" qrf w w'i 3/4 rgo rgo k vlt 0'Uqpw±'qrctnl'Gs wkugwo "ctxgpugşp"dkş qrlkn'cmkşkşg" { 3/4 Áf gp'dkt±qnl' hctm, crcp c' nwrmp, rf , , "i 3/4 Áf Áf vÁf "

**Anahtar Kelimeler:** 'Cpvkqmş cp. 'cpvkncpugt. 'cpvko kntqdkş cn' Cvnw{ twi w'v, ddk'dknkrgt "

#### ABSTRACT

K'j cu'dggp"qdugtşg" vj cv'ku'wug"kp" f hgt gpv'ctgcu"j cu'kpetgcuşg" kp"tgegpv" { gctu'f wş vq" o cp { "f hgt gpv" eqo r qpgpw" uwej "cu" r j gpqrle" eqo r qwpf u" cpf "guşpvkn' qku" kp" r rcpw0 k' vj ku" uwf { . " vj g" dkqrşi kecn' cevkşkşg'u'qhl'Gs wkugwo "ctxgpug" tgr qtşg'f "kp" vj g' rkgtecvwtg" y gt g' eqo r krgf 0'Gs wkugwo "ctxgpug" ku' nqy p" cu" ) Hgrf "j qtugvkn) 0I gqi tcr j kecn' . "k'ku" c" r gtgpkn' r rcpv'ur geku' vj cv'wuwcm' "i tqy u" kp" vj g'ctevle" cpf " vgo r gtcvş' tgi kpu'qhl' vj g' P qt vj gtp" J go kur j gtg0 Hgrf "j qtugvkn" f q'pqv'dmşqo "cpf" tgr tqf weg'd { "ur qt gu0 Vj g' r rcpv' y j lej "j cu'c" j qmşy "uşgo . "j cu' vj kp. " r kpg/ rknş' rşcxgu'cv8/37" pqf gu0 Cu'c' tguwn' qhl' vj g' rkgtecvwtg" tşguctej . " k' j cu' dggp" qdugtşg" vj cv' Gs wkugwo "ctxgpug" j cu' cpvkzş cpv. "cpvko letqdkcn" e { vqzşle. " cpvkcepgt. "cpvkş cdgvm. "cpvkphco o cvqt { "cpf" cpvkpeşegr vşxg' cevkşkşg'u0 Cu'c' tguwn. "k' j cu' dggp" uşgp" vj cv'Gs wkugwo "ctxgpug" ku' wug'f "kp" o cp { "f hgt gpv'ctgcu" kp" vgtu u'qhl' dkqrşi kecn' cevkşkşg' 0"

**Keywords:** 'Cpvkzş cpv. 'cpvkcepgt. 'cpvko letqdkcn' j qtugvkn' o gf lekpcnl' rcpw' "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DEVELOPMENT OF WEBSITE ABOUT TOURIST AND HISTORICAL PLACES IN TURKESTAN REGION

#### TÜRKİSTAN BÖLGESİNDEKİ TURİSTİK YERLER VE TARİHİ MEKANLAR HAKKINDA WEB SİTESİ GELİŞTİRİLMESİ

*Ramazan Turganbai*

*Kundebai Nurgisa*

*Mohammadi Mohammad Mahdi*

*Dr. Alina Amanzholova*

*QTEK "K" <2222/2225/2592/9867"*

*Cnj o gv[ cuucy k'k'pvgtpcvkqpcr!Mc|cnj/Vwt nkuj "Wpkxgt ukv".Vwt nkucp."Mc|cnj ucp"*

*Prof. Dr. Aysun Coşkun*

*QTEK "K" <2222/2224/: 763/; 6; 9"*

*I c/k'Wpkxgt ukv".Cpnc t c."VĀtnk' g"*

#### ÖZET

Dw'±cn, o c."Mc|cnkucp),p"VĀtnkucp"d³/i gukpf gnk"wtkukn'xg"vctkj k'o gncprct"j cmmf c"dkri k' uwpcp"dk"y gd"ukguk'i grk vktko gukpk'co c±co cmcf ,t0'Y gd"ukguk"wtkukngk'xg" {gtgn'j cmmf d³/i g'j cmmf c'dkri k'gf kpo gukpk'ug{cj cvr rncrcu cu,p,"hqr{rc vto cu,p,"xg"VĀtnkucp),p"wtkukn' r qvcuk{grkpk'ctv,t0 cu,p,"j gf ghrgo gmgf k00 qf gtp'y gd'vgnpqmlkrgt\*k\*J VO N.'EUU.'LcxcUetkr v.'RJ R."US N+"mwrp,rcm'qnw wt wrcp"ukg."nqr{ "gtk ko "uc rc{cp"mwrp,e,"f quw'dk"ctc{Ā" uwpo cmcf ,t0'

Ukg."qvgngt."tguvqtcprct."vctkj k' gtrgt'i kdk'±g kirk'ncvgi qtkrgt g'dkri krgt"uwpc'txg'tgl gtxcu{qp'kg" {qtwo "{cr o c'i kdk'±g grkngt g'ucj kr vkt0'Mwrp,e,rc,t,p'i gk'dkf kko rgtkf g'vqr rncrcm'i grk vto g' uĀtg±rgtkpf g'f g gtrgpf kko k vkt0I grgegmg'o qdkn'w'i wrcu c'i grk vktko guk"±qmf kirkn'f guvg k' gmgpo guk' xg" i Āxgprkn' ±prgo rgtkpk' ctv,t,m cu," r rncrcpo cmcf ,t0' ±cn, o c" uqpwpfc." VĀtnkucp),p" vcp,v,o," xg" wtukn' r qvcuk{grkpk' ctv,t,m cu," c±,u,pf cp" qnwo n' ncvnrc" uc rpo , v,t0'

**Anahtar kelimeler:** VĀtnkucp"Vwtk o k"Y gd"Ukguk'I grk vto g."J qec"Cj o gv[ gugxk'VĀtdguk" Vctkj k'xg'MĀnĀgn'0 kt cu."Vwtukn' gtrgt'xg'O gncprct."O qf gtp"Y gd'Vgnpqmlkrgt k'

#### ABSTRACT

Vj ku'uwf { 'clo u'vq'f gxgnr "c'y gdukg"vj cvr tqxf gu'kphqto cvkqp'cdqww'vj g'vqwtku'cwtcevkpu'cpf " j kuztkecn'ukgu"kp"vj g"Vwtngucp"tgi kqp"qh'Mc|cnj ucp0'Vj g'y gdukg"ku'f guki pgf "vq'hcekrkcvg" ceegu" vq" kphqto cvkqp" hqt" vqwtku" cpf "mecn." utgco rkg" vtcxgn' r rcpkpi ." cpf "gpj cpeg" Vwtngucp)u'vqwtkuo 'r qvqvcrc0'Wukpi 'o qf gtp'y gd'vej pqmi kgu\*J VO N.'EUU.'LcxcUetkr v.'RJ R." US N+: "vj g'ukg"qhgtu'c'wugt/hkpf n' 'kpvthceg'y kj "gcu'pcxki cvkqp0'

Vj g'y gdukg" r tqxf gu' kphqto cvkqp" kp" xctkqu" ecvgi qtkgu." uvej "cu" j qvgn." tgucwcpw." cpf " j kuztkecn'ukgu."cpf 'kpenf gu'hgcwt gu'hkn'g'ugtxcvkpu'cpf 'wugt'hggf dcen0'Wugt'wui i gukpu'j cxg" dggp" kpeqtr qtcvgf "kpq" vj g'f gxgnr o gpv' r tqegu0' Hwwt g' r rpu' kpenf g' etgcvpi "c" o qdkg" cr r rkecvkqp."cf f kpi "o wnkpi wcn'uw r qtv."cpf "utgpi vj gpkpi "ugewk' "o gcuwgu0'Cu'c'tguwv."vj g'



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

r tqlgev'j cu'bo cf g'r qukkkg'eqpvtkdwkqpu'v'q'v'j g'r tqo qvqp"qh'Vwtngucp"cpf "v'j g'gpj cpego gpv'qh'  
ku'vwtkuo 'r qvppkcrf'

**Keywords:** Vwtngucp"Vqwtkuo ."Y gdukg"F gxgnr o gpv."Mj qlc"Cj o gf "[ cacy k'O cwuqrgwo ."  
J kvqtkcrn'cpf 'EwntcrnJ gtkci g.'Vqwtkuv'Cwtcevkqpu'cpf 'Nqecvkqpu.'O qf gtp'Y gd'Vgej pqmı kgu"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### METAKAOLİN ESASLI GEOPOLİMER KOMPOZİTLERDE ÇAY ATIĞI KÜLÜNÜN ERKEN YAŞTAKİ MEKANİK PERFORMANSLARA ETKİSİ EFFECT OF TEA WASTE ASH ON EARLY-AGE MECHANICAL PERFORMANCES IN METAKAOLIN BASED GEOPOLYMER COMPOSITES

Nurullah ÖKSÜZER<sup>1</sup>

<sup>3</sup>Ft0\* t0©{guk'Mctcf gpk'Vgnpknl©pkxgt ukxguk'VgnpqrlkHcnñnguk"p ccv'OĀj gpf kurk kD'ñAo Ā " Vtcd/qp.'VĀtnk'g0'

<sup>3</sup>QTEK'KF <j wru-Ālqt ekf Qti I'2222/2225/3367/9; ; Z"

#### ÖZET

I gqr qrlk gtrgt."{ Āmugnñr gthqto cpun'xg'±gxtg'f quw'dc r{ ,e,'ukugo rgtk'qrctm'±ko gpv'q'dc| n,"dgvqrctc" uĀf Ā Ārgdkrk"dk"cngtpcvñ'uwpocmcf,t0O gvcnçqrlk"i kdk'cnwo kpqukñev'ne{pcmct,"mwncp,rcten'cmçrk' cmkxcu{qp" {3pvgok'rg" qnw wtwncp" dw' ukugo rgt." ugte" i c|," go ku{qprct,p," 3pgo rk' 3ñĀf'g" c| cncdko gmgf k0' I ĀpĀo Ā f'g." 34 gnknmg" uĀf Ā Ārgdkrk" o cñ go g" ctc{ , rct,," f q cn' ne{pcmct,p" nqtwpoc u," xg" cv,m' {3pvgok' k' dc rco ,pf c." gpf Āmuk'gn' xg" vct,o ucn' cv,mct,p" i gqr qrlk gt" dc r{ ,e," ukugo rgtf'g" mwncp,o , " f kmçv' ±gnç gmgf k0' Dw' ±cn, o cf c" o gvcnçqrlk" gucun," nqo r q| krgtg" ukru{ wo " ne{pc , "qrcten'mwncp,rdkrgçgn' qrcp" qti cpln' dkt' cv,m' qrcp" ±c{ "cv, , "mĀñĀp" \*¥ CMĀ" gtncp" {c vcnk' o gnçpkn' o wncxgo gvgt'g" gvñuk' kpegrgpo k vĀ0'T ghgtcpu" pwo wpgf'g' ukru" ne{pc , "qrcten' ukru" f wo cp," mwncp,m , "qnr' ukru" f wo cp," {gtkpg'¥ CM'knç o g"gf kn k "xg"UkCn'qtcp,"5"qrcten'ucdk'wwno w wt0' ©tgvkrgp"62z62z382o o "nk k "pwo wpgrgt"46"uccv'uĀg{rg" pgo kp'ne{dgvo g{gegñ' gnkrf'g" nqtwpcten' 7204E" u,ecm,mc" mĀrgpo k vĀ0' Ctf ,pf cp' vgu' uĀgukp" nçf ct" 4204E" qtvo f c" j cxc" kç" vgo cu," gpi gmçpçtgn' dgmçvko k vĀ0Cmçrk'cmkxcv34"qrcten'320 'P cQJ 'xg'P c4UkQ5'mwncp,m , vĀ0Mct, ,o rct,p" 9'i Āp'uqpwf'c'g' kn g'f c{cp,o , .,dcu,p±f c{cp,o , .,uwgo o g.'r qtq| kg'xg'wncuqpkñ'ugu'i g±k 'j ,| ,'xgtkrgt' 3ñĀo Ā vĀ0' Vgu' uqpw±ct,pf c" ¥ CMçk' o gvcnçqrlk" o kmct,p,p" 42çkpg" nçf ct" dcu,p±' f c{cp,o , " r gthqto cpurct,p,"qnwo nw' {3p'f'g"gvñk' k' dgrkrgpo k vĀ0'G kn g'r gthqto cpurct,pf c'kug'¥ CM' o kmct,p,p" ctwo cu,{r' dkrkmg" g' kn g' f c{cp,o rct,p,p" ctw , "i 34 rgo rgo k vĀ0'Gtncp" {c rctf c'¥ CM' o kmct,p,p" ctwo cu,{r' dkrkmg'uw'go o g'xg'r qtq| kg'o kmct,p,p" c| cñf , , .,wncuqpkñ'ugu'i g±k 'j ,| rct,p,p'kug'ctw , " dgrkrgpo k vĀ0F gpg{ugñ±cn, o c'uqpwepf c. ¥ CMçk' ±gxtg'hkrk' kçk' c| cñ,m cu,'ço ce,{r' o gvcnçqrlk" gucun" i gqr qrlk gt" dc r{ ,e," ukugo rgtf'g" ukru" ne{pc , " qrcten' mwncp,rdkrf'k' xg" ±gxtg" f quw' nqo r q| krgtkp'Āg'vrgdkf' k k'i 3ñĀo Ā vĀ0'

**Anahtar Kelimeler:** "I gqr qrlk gt."±c{ "cv, , "mĀñĀ" o gnçpknñr gthqto cpurct.'cv,nif g gtrçpf kto g0'

#### ABSTRACT

I gqr qrlk o gtu" qlhgt" c" uwncpçdçg" cngtpcv'xg" v' ego gpv'dcuçf" eqpetgvu" cu" j k' j " r gthqto cpeg" çpf" gpçkçqpo gpvcn{ " h' kçpf n' " d' kçf gt" u{ uçgo u0' Vj gug" u{ uçgo u." y j kçj " ctg" hqto gf " d{ " cmçrkpg" çv'xçv'kçp" o gj çf " wukpi " cnwo kpqukñev'ne" uqwtçgu" uweçj " cu" o gvcnçqrlk. " ecp" uki pkkçcpvñ' " tgf weg" i tggpj çwug" i cu" go kuqkpu0P çy çf c{ u. " gur gekçm' {kp' vj g' eqpvçz' vñh' uwncpçdçg" o cvgtkçnt' gçgçteçj . " eqpuçt' xçv'kçp" qh' pçwçrçl' tguqwtçgu" çpf " y çuçg" o cpci go gpv. " vj g' wug" qh' kçf wntkçrçl' çpf " ci tlewwçrçl' y çuçgu" kçp" i gqr qrlk o gt " d' kçf gt" u{ uçgo u' cwtçew' çv'gp' kçp0' kçp' vj ku' uwf { . " vj g' ghçge' vñh' vçc' y çuçg" çuj " \*VY C+ " çp" qti cplçy çuçg' vj çv' ecp' dg" wçgf " cu" c" ukñec" uqwtçg" kçp" o gvcnçqrlk" dcuçf " eqo r qukçg. " çp" vj g' gçtn' " ci g" o geçj cplçrçl' utçgpi vj u' y cu" kçpçgukçl' çvçf 0' kçp" vj g' tghgtçpeg" ur geko gp. " ukñec" hwo g' y cu' wçgf " cu" vj g' ukñec" uqwtçg" çpf " VY C" y cu" uwduçkwwçf " hq' ukñec" hwo g' çpf " UkCn' tçv'kçy' cu' nçr' v' eqpuçpçv' cu" 50Vj g' 62z62z382o o " dgco " ur geko gpu" y gt' g' evt' gf " çv' c' vgo r gçwçt' g' qh' 7204E" hq' 46" çwtu' v' r' tçgçpçv' o çkuçwt' g' rquu0Vj gp. " vj g' ur geko gpu' y gt' g' nçr' v' çv' 4204E" wçkçl' vj g' vçv' r' gçkçf " d{ " r' tçgçpçv' kçp' " eqpçev' y kçj " çk' 0320 " P cQJ " çpf " P c4UkQ5" uqñwçkçpu"

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y gtg'wugf "cu"cmærk'cevæxcvqtu0Hrgzwtcn'utgpi vj . "eqo r tguukxg"utgpi vj . "y cvgt"cdugtr vqpp. "r qtqukv{ "cpf " wntcuqple"r wug"xgrqekv{ "tguwmu"qh'vj g"o kz wtgu'y gtg"o gcwtgf "cv'vj g"gpf "qh'9"fc{u0Kp"vj g"vguvtguwmu." k'y cu'f gvgto kpgf "vj cv'wr "vq'42" "qh'vj g"co qwpv'qh'b gvcnrqrp. "VY C"r qukkxgn{ "chgevgf "vj g'eqo r tguukxg" utgpi vj "r gthqto cpegu0Kp"hrgzwtcn'r gthqto cpegu. "k'y cu"qdugt xgf "vj cv'vj g"hrgzwtcn'utgpi vj "kpetgcugf " y kj "vj g'kpetgcug'kp"vj g'co qwpv'qh'VY C0Kp"y cu'f gvgto kpgf "vj cv'vj cvgt"cdugtr vqpp"cpf "r qtqukv{ "f getgcugf " cpf "wntcuqple"r wug"xgrqekv{ "kpetgcugf "y kj "vj g'kpetgcug'kp"vj g"co qwpv'qh'VY C"cv'gctn{ "ci gu0Cu"c" tguwv'qh'vj g"gzr gtlø gpcvntuwf { . "k'y cu"qdugt xgf "vj cv'VY C"ecp'dg'wugf "cu"c"ukdec'uwteg'kp"o gvcnrqrp/ dcugf "i gqr qn{ o gt"dkpf gt"u{ ugo u"kp"qtf gt"vq"t gf weg" gpxktqpo gpcvnr qmwkqp"cpf "gpxktqpo gpcvnr{ " htkpfn{ "eqo r qukgu'ecp'dg'r tqf wegf 0

**Keywords:** "I gqr qn{ o gt. "vc'y cuvg"cu"j . "o gej cplecnr' gthqto cpegu. "y cuvg"o cpci go gpv0

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

A SLIME MOLD (PROTOSTELID) GENUS WITH EXOSPORE; CERATIOMYXA J. SCHRÖT"

EKZOSPORLU BİR SLIME MOLD (PROTOSTELID) CİNSİ; CERATIOMYXA J. SCHRÖT.

*Emre Cem Eraslan*<sup>1</sup>

<sup>3</sup>"F t0'F grctwo gpv'qhlDkqrqi { .Hcewn' qh'Uekgpegu.'Cnf gpk' Wpkxgt ukf. 'Cpvcnf.c.'VÄtnk' g0'

<sup>4</sup>QTEKF 'KF <j wru<1qtekf Qti D222/2225/3995/3665"

*Hayri BABA*<sup>2</sup>

<sup>4</sup>"Rt qhgü/4" F grctwo gpv'qhlDkqrqi { .Hcewn' qh'Uekgpeg'cpf "Ct u."J c w{ "O wuach' Mgo cr'Wpkxgt ukf. "

J c w{ . 'VÄtnk' g0'

<sup>3</sup>QTEKF 'KF <j wru<1qtekf Qti D222/2224/3: 59/6543"

#### ÖZET

Urko g'o qrf u.'vgnj Äetgrk<sup>3</sup>/met { qvnb' cpvct'dgp| gk't tqvuvgtf k'xg'qr nw'qrctcn'±qni Äetgrk'Ägo g' { cr ,rc ,rt ,"  
qnv wtwrt0F q cf c'hcrtm , gnkn { cr , 'xg'tgpmgtf g'3222'f gp'hc| rc'dcn±,nlnÄhÄvÄÄ'xctf ,t0Egtcvkqo {zc"  
L0'Uej t<sup>3</sup>/40" Rtqquvgrkf rgt "k±pf g'r rc| o qf k'cn' dcn±,n' mÄhÄ" ekpukf k0' [ c { i , p" qrctcn' f c , m , rtf , t " xg"  
i gpgnkmg ±ÄÄ' gp" qf vprctf c' dwnpwtct0E'kpu" w'cpf c'33" vÄ "k±gtk0' Cp" f kmcv'±gnk'Ä'Ä' g' Egtcvkqo {zc"  
H wkwquc } , t'xg'f Äp { cp , p'±q w' { g'kpf g' dwnpwt0

**Anahtar Kelimeler:** "Rtqkuc."Urko g'o qrf u."Rtqquvgrkf u."Egtcvkqo {zc"

"

#### ABSTRACT

Urko g'o qrf u.'ctg'ukpi rg'egm'gwnct { qvle'hwi wu'rkng'r tqvuv'eqmgevkgn' hqto "o wnegmwrt'tgr tqf wevkxg"  
utwewtgu0Vj gtg'ctg'o qtg'y cp'3222'v' r gu'qhl'urko g'o qrf u'kp'bcwtg'y kj "f khtg'gpvlj cr gu.'utwewtgu'cpf"  
eqmtu0Egtcvkqo {zc'L0'Uej t<sup>3</sup>/40'ku'c"i gpwu'qh'r rno qf kcn'urko g'o qwf "y kj kp'y g'Rtqquvgrkf u0'Vj g' { "ctg"  
y kf gn' "f kwtldwgf "cpf "eqo o qpn' "hqwpf "qp" f gec { lpi "y qf 0'Vj g'i gpwu'ewtgpv' "eqpckpu'33"ur gekgu0'  
Vj g'o quv'pqcdig"o go dgt'ku'Egtcvkqo {zc'H wkwquc . "cpf "hqwpf "kp"o quv'r ctu'qh'y g'y qtrf 0'"

**Keywords:** "Rtqkuc."Urko g'o qrf u."Rtqquvgrkf u."Egtcvkqo {zc"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### OCCURRENCE AND DISTRIBUTION OF THE *CERATIOMYXA* J. SCHRÖT. GENUS (SLIME MOLD; PROTOSTELID) IN TÜRKİYE TÜRKİYE'DE *CERATIOMYXA* J. SCHRÖT. CİNSİNİN (SLIME MOLD; PROTOSTELID) BULUNUŞU VE DAĞILIMI

Emre Cem Eraslan<sup>1</sup>

<sup>3</sup>F t0'F gr ctwo gpv'qhlDkqrqi { .Hcewml 'qhl'Uekgpegu "Cnf gpkl 'Wpkxgt ukaf. 'Cpwrç c. 'VÄtnk{ g0'

<sup>4</sup>QTEKF "KF <j wru<lqtekf Qti D222/2225/3995/3665"

Hayri BABA<sup>2</sup>

<sup>4</sup>Rt qlguè/4'F gr ctwo gpv'qhlDkqrqi { .Hcewml 'qhl'Uekgpeg"cpf "Ctuu."J cw{ "O wac lc "Mgo cn'Wpkxgt ukaf. "

J cw{. "V©TM [ G0'

<sup>3</sup>QTEKF "KF <j wru<lqtekf Qti D222/2224/3: 59/6543"

#### ÖZET

Urko g'o qrf u'4net { qvknio cpvet 'dgp| gtkt' tqvkwrgt f kt. 'qwr nw'qrctcm'±qmij ÄetgrkÄt go g" { cr ,net, 'qmw wtwrtct0' Fq cf c'fctnm" gnkn" { cr, "xg" tgpmtg f g"3422 f gp"hc| n" urko g'o qrf u"vÄÄ'xctf ,t0'Egt cvkqo {zc "L0Uej t340' Rtqvqugrkf "kçpf gnk' dkt" rnc| o qf kn'urko g" nÄÄ'ekpukf kt0[ c { i ,p" qrctcm'f c ,m , rctf ,t" xg"i gpgnkmg" ±ÄÄ'gp"ej cr "uwduwcvctf c"dwmpwrtct0Ekp" w'cpf c"33"vÄÄ'kçgtk0Gp" f kmv'±gnk'Ä'g. f Äp { cp,p"±q w' {gtçpf g" xg" VÄÄ'gnk{ g f g" dwmpcp" dkt" urko g" nÄÄ' qrcp" Egt cvkqo {zc "It wkwewyuc" f ,t0' VÄÄ'gnk{ g f g" 3" Egt cvkqo {zc "vÄÄ'xctf ,t. "Egt cvkqo {zc "It wkwewyuc" \*QHO0 Äm0"V0O cedt0'

**Anahtar Kelimeler:** "O kmqo kugv. i 3/4 f g. "Egt cvkqo {zc. "VÄÄ'gnk{ g"

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#### ABSTRACT

Urko g'o qrf u'ctg'gwnet { qvknio cpvet 'dgp| gtkt' tqvkwrgt f kt. 'qwr nw'qrctcm'±qmij ÄetgrkÄt go g" { cr ,net, 'qmw wtwrtct0' Vj gtg'ctg'o qtg'yj cp"3422"vç| r gu'qh'urko g'o qrf u'kp"pcwtg'y kj "f kçgt gpv'uj cr gu. "ut wewt gu"cpf "eqrtu0' Egt cvkqo {zc "L0Uej t340'ku" c"i gpwu'qh'r rncuo qf kn'urko g'o qwf "y kj kp"vj g"Rtqvqugrkf 0'Vj g{ "ctg"y kf gn{ " f kwtkdwgf "cpf "eqo o qpn{ "hçwpf "qp" f gec { kpi "y qçf "uwduwcvctf c"dwmpwrtct0Ekp" g'i gpwu'ewttgpwv{ "eqpckpu"33"ur gelgu0' Vj g'o quv'pqcdng"o go dgt "ku"Egt cvkqo {zc "It wkwewyuc. "c" urko g'o qwf "hçwpf "kp"o quv'rtw'qh'yj g'y qtrf " cpf "VÄÄ'gnk{ g0'Vj gtg'ctg"3"ur gelgu"qh"Egt cvkqo {zc "kp"VÄÄ'gnk{ g. "Egt cvkqo {zc "It wkwewyuc" \*QHO0 Äm0"V0O cedt0"

**Keywords:** "O {zqo {egvu. "Hwkkpi "dqf lgu. "Egt cvkqo {zc. "VÄÄ'gnk{ g"

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#### TÜRKİYE'DE KREDİ KARTINA DAYALI ÖDEMELERİN ENFLASYONA ETKİSİ ÜZERİNE BİR UYGULAMA AN APPLICATION ON THE EFFECT OF CREDIT CARD BASED PAYMENTS ON INFLATION IN TURKEY

Dr. Öğr. Üyesi Erdoğan EKŞİOĞLU

Ewo j wt k' gv' ©pkxgt ukxguk' ctc 'O [ Q "

QTEK PQ-2222/2224/492/6: 77 "

#### ÖZET

Mt'gf k' netv, "dcpne" netv, "xg" 3/4 go grk' netvctc "f c {cn" 3/4 go grgt "i Āp Āo Ā f g" dkt+qm' Āmgf g' pcnk' mwp, o, p, p" {gkpk'cm, vt0J cpj cmct, "xg" k ngvo grgt 'pgt gf g {ug'v'Āo 'kj vk c±ct, p, 'pcnk' r ctc {c'kj vk c± f w {o cf cp'ntgf k'netv, "dcpne" netv, "xg" 3/4 go grk' netvctc, {rc "RQU" ekj c |, "kq" xg {c "kpvtpgv'ctce, n, {rc "net, rc {cdkkt'j crg" i gm k kt0Dwf wto " {c co, "nqr {rc vto cmc "dkrkmg" Ā Āp "r c | ctro cu, pf cp "j k o gv' r c | ctro cu, pc. "wmcn'xg" wmcnctctcu, "ucv, c. "Āgvo f gp"v'Āngvo g. "o vj cugd'f gp"xgti k'f gpgvo kpg'nef ct " j gt'crpf c'gvnkpk'ki 3/4ngtf k ki 3/4 ngo ngpo gmgf k0"

Mctvctc'f c {cn" {cr, np'v'Āo 3/4 go grgt=v'Āngvo k {cr, m cu, p, 'f c j 'j | n, "nqr { 'xg'ctv, e, 'j crg' i gkt o gmg' dkrkmg"v'Āngvo k" | co cp "dq { wwpw'f c "i gpk ngvgtgm'vqr nco "vrgdk'ctv, tf, , "c kntf, t0Mt'gf k'netvct, pc" f c {cn 3/4 go rgtk. "gphrcu {qp'f 3/4go rgtkpf g'dkt g {ug'ntgf k'gtg'wrc co {cp'xg {c'net, rc v, mct, " { Āngn'hc k " qtcprct, pf cp "f qrc {, "ntgf k'cm cmc" | qtnw'+gnp "i grk' f Ā g {kf Ā Ānj cpj cmct, "vctch, pf cp " | qtwpn'dk " gnkf g"mwp, if, , "dkkpo gmgf k0Cpecn'i grk'gtk'gphrcu {qp"qtc, pf c "ctvo c {cp'netv'ucj k rgtkpk' "dk" muo, "netv" dqteppw" cui ctkpk' f c j k' 3/4 g {go go gmg" { Āngn' vgo gwĀ' hc k rgtk' 3/4 go g {g" o ctw " ncm cmcf, t0"

Dw'ctc vto cf c=v'Ānk {gof g. "4238/4245" f, met, 'ctcu, pf c: " {, n, 'her uc {cp"; 8'c {n, niu'Āg±vg=ntgf k'netvct, {rc "RQU" o cnkpguk'xg" kpvtpgv'Ā gkpf gp" {cr, np"vqr nco "3/4 go grgt g"ck'xgtkgt "kq" c {n, ni'gphrcu {qp"qtc, p, \*V©HG+xgtkgt'kpegrgo g {g'cnpo cmcf, t0Dw'dc nco f c "u'3/4 "nqpww'k'k nk'Laj cpugp" g d'Āv'Āp'ng o g'xg" Gpi ng'I teci gt "pgf gpugn'ni'vgvgtk'kq"cpck' "gf k'ng gmgf k0%cn o cp, p" dwi wct, pc" i 3/4 g" gphrcu {qp" kq" mtgf k'netv, pc" f c {cn "j cteco cctc'ck'f g k ngprgt'ctcu, pf c "muc'xg'w'wp'f 3/4go r'k'k'nkpk'q'f w w="ntgf k' netv, {rc" {cr, np'3/4 go grgtf gnk'MJ + " 3'ctv, p, 'gphrcu {qp"GH+Ā gkpf g" {cmc, ni' "2.4; "qtc, pf c'ctv, c" pgf gp'q'f w w' 3/4 ngpo gmgf k0"

Anahtar Kelimeler: Mt'gf k'netv, 'Gphrcu {qp, 'Hck' "qtc, p, "ign'G73, 'R46, 'G65+

#### ABSTRACT

Rc {o gpw' dcugf "qp" etgf k'ectf u. "dcpn'ectf u" cpf "r tgr ckf "ectf u" j cxg" tgr megf "ecuj " wci g" k" o cp { " eqwpt'kgu'qf c {0J qwgj q'f u'cpf "dwukpgu'ecp"pqy "o gg'v'cm qu'cm'v'j gk "pggf u'y kj qw'v'j g'pggf "hqt" ecuj. "y kj "etgf k'ectf u. "dcpn'ectf u" cpf "r tgr ckf "ectf u. "xc "RQU" f gxlegu'qt "xc'v'j g'kpvtpgv'0Vj ku'ukwcvkq" o cng'u'rkq'gcu'kt'cpf "ku'qdu'gt'xg'f "v'j" cxg"cp "ko r cev'k'p'gxgt { "ctgc. "Itqo "r tqf wev'o ctngv'kpi "v'ugtxleg" o ctngv'kpi. "pcvkqpcn'cpf "kpvtpcvkqpcn'ucngu. "Itqo "r tqf wevkq"v' "eqpuwo r vkq. "Itqo "ceeqwv'kpi "v'v'cz" cvf k'kpi 0"

K'ku' qdxkqu' v' cv'cm' r c {o gpw' o cf g' dcugf "qp" ectf u="o cng" eqpuwo r vkq" hcugt. "gcu'kt' cpf "o qt g" kpetgo gpvcn'cpf "kpetgcug"v'j g'v'o g'f ko gpukq'qh'eqpuwo r vkq"cpf "kpetgcug"v'v'nf go cpf 0'K'ku'npqy p" v'j cv' c {o gpw' dcugf "qp" etgf k'ectf u'ctg'wug'f "eqo r wu'qtk' {d' "h'y /kpeqo g'j qwgj q'f u'y j q'ecppq'v'ceegu' r gtuqpcn'ncpu'f w'kpi "kphrcu {qp" { "r gkqf u'qt" y j q'j cxg" f k'k'w'w' { "k'q'v'v'k'kpi "ncpu'f v'g"v'j "j k j " kpvtpgv'w'v'v'v'j { "gpeqwpv'gt0J qy gxgt. "uqo g'qh'v'j g'ectf "j q'f gtu'v'j j qug'kpeqo gu'f q'pq'v'kpetgcug"cv'v'j g"

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tcvg"qh"lphrcvkap="ecppqv"gxgp"rc{"vj g"o kplko wo "qh"vj gk"ectf "fgdv"cpf "ctg"gzr qugf "vq"rc{lpi "j ki j " f kxf gpf "lpgtguu0'

Kp"vj ku"uwf {"lp"Vwtng{"lp"vj g"; 8/o qpvy "r gtlkf "eqxgtkpi ": "{gctu"dgy ggp"4238/4245="f cve"qp"vqven" rc{o gpwu'o cf g"xlk"RQU"o cej kpgu"cpf "vj g"lpgtpgv'y kj "etgf k'ectf u"cpf "o qpvy n{ "lphrcvkap"tcvg"\*ERK" f cve"ctg"gzco kpgf 0'Kp"vj ku"eqpvz.v"vj g"tgrvkapuj kr "lp"s wguvkap"ku"cpn{| gf "y kj "Lqj cpugp"eqkpgi tcvkap" cpf "Gpi ng'I tpci gt"ecwucrk{"vguu0'Ceeqtf lpi "vq"vj g"lphrcvkap"u"qh"vj g"uwf {"k'ku"qdugt xgf "vj cv'vj gtg"ku"c" uj qtv'vgtto "cpf "npi /vgtto "tgrvkapuj kr "dgy ggp"lphrcvkap"cpf "xctkcdrgu"tgrvgtf "vq"etgf k'ectf /dcugf " gzr gpf kwtgu="c"3' "lpetgcug"lp"rc{o gpwu'o cf g"d{"etgf k'ectf "MJ +ecwugu"cp"lpetgcug"qh'cr r tqzko cvgn{" 20t; ' "qp"lphrcvkap"\*GH0'

**Keywords:** 'Etgf k'ectf . "lphrcvkap.kpgtguv'tcvg"lgn'G73. 'R46. 'G65-0'

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#### TÜRKİYE'DE AKARYAKIT FİYATLARI İLE DÖVİZ KURU İLİŞKİSİ ÜZERİNE AMRİK ARAŞTIRMA

#### EMPIRICAL RESEARCH ON THE RELATIONSHIP BETWEEN FUEL PRICES AND EXCHANGE RATES IN TURKEY

Dr. Öğr. Üyesi Erdoğan EKŞİOĞLU

Ewo j wt k gv'©pkxgt ukvguk\ ct c'O[ Q"

QTEKF "PQ-2222/2224/492/6: 77"

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#### ÖZET

Rgtqn'lk cv, pf cnk' f g k lo rgt. "dÄÄ Äm'dk'r gvtqn'kj crv, u, "qrncp" Ämgo k "gnupqo klpk'dk±qnl'ncpcrf cp" gvnrko gmgf k0Dwhncpnp'gp'³pgo rk'cm³⁄⁴rgtkpf gp'dk'cnet {cmv'hk cvrt, pf cnk' f g k lo rgtk'gnupqo k' g' {cpu, o cu, f, t0' Cnet {cmv' f gpk'peg" f g' cmc' o qvqtkp. "dgp| kp' xg" NRI "i gro gmgf k0' | gnkmg" o qvqtkp. " f Äp {c' i gpgnkpf g' gnupqo kn'hcnk' g' vgtk' i gt±gmg v' k' ko gulpf g' dÄÄ Äm'³pgo "ct| "gvo gmgf k0Dgp| kp' xg" NRI " kug" j crc' ±q w' Äm'g' g' qrf w w' i kdk' i Äp Äo Ä " VÄnk' g' ulpf g' f g' ³⁄⁴ gnkmg" d' k' p' m' c' t' c' p' m' w' r' p' m' cu, pf c' j' c' {c' k' ³⁄⁴pgo "vc , o cmcf, t0"

F Äp {c' i gpgnkpf g' r' gvtqn' r' k' cucu, pf c. "f Äp {c' r' cteu, "qrncm' n' edw' i' ³⁄⁴ gp' CDF "f qrt, "krg" k' ngo " {cr , m' cu, = f qrt' k' g' cnet {cmv'hk cvrt, "ctcu, pf cnk' k' k' k' k' k' c' f' c' h' w' x' g' v' r' p' f' k' o' g' m' g' f' k' 0' VÄnk' g' of' f' g' d' k' ±' q' n' b' c' n' p' k' j' c' r' c' v' p' f' c' " m' w' r' p' m' r' p' m' CDF "f qrt, p, p' m' w' " h' k' cv. " r' gvtqn' kj' crv, p' f' c' " f' c' " qrf w w' i' kdk' gnupqo ko k' kp' vÄo " ugm'³⁄⁴rgtkp'k'gnk'g' gp'dk' h' cm'³⁄⁴"qrncm' u' Ä' gi ko gmgf k0'

Dw'ctc v' to cf c=VÄnk' g' of' "4238/4245" , met, "ctcu, pf c": "{ , n' h' er uc {cp' ; 8' c' { n' m' u' Ä' g' ±' g' o' qvqtkp. "dgp| kp' xg" NRI " h' k' cvrt, pf cnk' f g k lo rgt' k' g' f' qrt' m' w' f g k lo rgt' k' cteu, pf cnk' k' k' nk' f Ä' g' rgtk' "Laj cpugp" G dÄÄ Äp'ng o g' Vguk' xg' Gpi rg' I t' cpi gt' pgf gpugnk' v' g' v' g' t' k' k' g' c' p' c' r' k' " g' f' k' o' g' m' g' f' k' 0' " ¥' c' n' o' c' p' p' dwi w' r' c' t' , p' c' " i' ³⁄⁴ g' f g k ngp' r' g' t' cteu, pf c' " w' w' p' f' ³⁄⁴pgo rk' k' k' nk' qrf w w' xg' pgf gpugnk' kp' {³⁄⁴p' Äp' Äp' kug' i' g' p' g' n' k' m' g' f' qrt' " f g k lo rgtk' p' gp' cnet {cmv'hk cvrt, pf cnk' f g k lo g' f' q' t' w' i' gt±gmg v' k' k' q' t' c' p' u' c' n' i' qrncm' d' g' r' k' r' g' p' o' g' m' g' f' k' 0'

Anahtar Kelimeler: "Cnet {cmv'hk cvrt, "F ³⁄⁴k' "Mwtw' Laj cpugp' G dÄÄ Äp'ng o g'"

Jel Kodları: 'E44. 'G62. 'G820'

"

#### ABSTRACT

Ej cpi gu'lp' qkl' r' t' legu' ch'ge' v' qwt' eqwpt {Ä' geqpqo { . "y j lej "ku' c' " o clqt' qkl' ko r' q' t' v' g' t' . "y j tqwi j " o cp { " ej c' p' p' g' n' u' Q' p' q' h' v' j' g' o' q' u' v' ko r' q' t' v' p' v' c' e' v' q' t' u' q' h' v' j' ku' e' j' c' p' p' g' n' i' ku' v' j' g' t' g' h' r' g' e' v' k' p' q' h' e' j' c' p' i' gu' lp' h' w' g' n' r' t' legu' q' p' v' j' g' geqpqo { O' Y' j' gp' k' v' e' q' o' gu' v' q' h' w' g' n' f' l' g' u' g' n' i' cu' q' r' k' p' g' c' p' f' " NRI " e' q' o' g' v' q' o' k' p' f' O' G' u' r' g' e' k' c' m' f' " f' l' g' u' g' n' i' ku' q' h' i' t' g' e' v' k' o' r' q' t' v' p' e' g' l' p' e' c' t' t' { k' p' i' " q' w' v' g' e' q' p' p' o' k' e' c' e' v' k' k' l' g' u' y' q' t' r' f' y' k' f' g' 0' I' cu' q' r' k' p' g' c' p' f' " NRI " c' t' g' u' k' n' i' x' k' c' n' i' k' p' v' j' g' w' u' g' q' h' r' cu' g' p' i' g' t' e' c' t' u' . " g' u' r' g' e' k' c' m' f' " l' p' v' q' f' c' { Ä' v' w' t' n' g' f' . " cu' l' p' o' q' u' v' e' q' w' p' t' l' g' u' 0'

K' v' j' g' q' k' l' o' c' t' n' g' v' y' q' t' r' f' y' k' f' g' . " t' c' p' u' c' e' v' k' a' p' u' c' t' g' o' c' f' g' y' k' j' " v' j' g' WU' f' q' m' c' t' . " y j lej " ku' c' e' e' g' r' v' e' f' " cu' v' j' g' y' q' t' r' f' " e' w' t' t' g' p' e' { = v' j' ku' h' w' t' v' j' g' t' u' t' g' p' i' v' j' g' p' u' v' j' g' t' g' r' e' v' k' a' p' u' j' k' r' " d' g' y' g' g' p' v' j' g' f' q' m' c' t' c' p' f' " h' w' g' n' r' t' legu' 0' v' j' g' z' e' j' c' p' i' g' t' c' v' g' " q' h' v' j' g' WU' f' q' m' c' t' . " y j lej " ku' w' u' g' f' " l' p' v' j' g' l' o' r' q' t' v' q' h' o' c' p' { " i' q' q' f' u' l' p' v' w' t' n' g' f' . " e' q' p' v' k' p' w' g' u' v' q' d' g' c' h' e' v' q' t' " c' h' g' e' v' k' p' i' " c' m' l' u' g' e' v' q' t' u' q' h' q' w' t' " g' e' q' p' p' o' { . " cu' l' v' ku' l' p' v' j' g' e' c' u' g' q' h' q' k' l' o' r' q' t' v' u' 0'

K' v' j' ku' u' w' f' { = k' v' w' t' n' g' f' . " v' j' g' t' g' r' e' v' k' a' p' u' j' k' r' " r' e' x' g' n' u' d' g' y' g' g' p' v' j' g' e' j' c' p' i' gu' lp' f' l' g' u' g' n' i' cu' q' r' k' p' g' c' p' f' " NRI " r' t' legu' c' p' f' " v' j' g' f' q' m' c' t' " z' e' j' c' p' i' g' t' c' v' g' l' p' v' j' g' ; 8/ o' q' p' v' j' r' g' t' k' q' f' " e' q' x' g' t' k' p' i' . " { g' c' t' u' d' g' y' g' g' p' 4238/4245' c' t' g' c' p' c' n' f' | g' f' " y' k' j' " v' j' g' Laj cpugp' " E' q' l' p' v' i' t' c' v' k' p' " V' g' u' v' c' p' f' " G' p' i' r' g' I' t' c' p' i' g' t' " e' c' w' u' c' r' k' f' " v' g' u' u' 0' C' e' e' q' t' f' k' p' i' " v' q' v' j' g' h' k' p' f' k' p' i' u' q' h' v' j' g' u' w' f' { . " k' v' k' u' f' g' v' t' o' k' p' g' f' v' j' c' v' v' j' g' t' g' l' u' c' h' p' i' / v' g' t' o' " t' g' r' e' v' k' a' p' u' j' k' r' " d' g' y' g' g' p' v' j' g' x' c' t' k' e' d' r' g' u' c' p' f' " v' j' g' f' k' t' g' e' v' k' p' " q' h' e' c' w' u' c' r' k' f' " ku' i' g' p' g' t' c' m' f' " l' r' q' o' " f' q' m' c' t' " e' j' c' p' i' gu' v' q' " e' j' c' p' i' gu' lp' h' w' g' n' r' t' legu' 0'

Keywords: "Qkl'Rt legu. 'Gzej cpi g' T' c' v' g. 'Laj cpugp' E' q' l' p' v' i' t' c' v' k' p' V' g' u' v'

I' g' n' i' E' q' f' g' u' < E44. 'G62. 'G820'



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ASSESSING IN-SAMPLE AND OUT-OF-SAMPLE PERFORMANCE OF VOLATILITY MODELS: EVIDENCE FROM HIGH-LOW DIFFERENCE IN BORSA ISTANBUL

*Burak Korkusuz<sup>7</sup>*

*Hcewnf "ql'Geppqo leu'cpf "Cf o kpmvckxg"Uekpegu."F gr ctwo gpv'ql'Geppqo gtleu."Quo cpkfg"Mtmmw"  
Cv "Wpkxgtuksf.": 2222."Quo cpkfg."VAnkf g"  
QTEKF <2222/2223/; 596/4572"*

#### ABSTRACT

Vj ku"uwf { "kpxguki cvgu" yj g" ghgevkxgpguu" qh' xctkqwu" geppqo gtle" o qf gnuô CT."CTOC."CTHOC." ECTT."GECTT."I CTEJ ."GI CTEJ ."J CT."cpf "GEQP" Heô kp"htgecuipi "yj g"DKUV"tapi g"xqrvkxkf." o gcuwtgf "d{ "yj g"j ki j /mly "r tleg" f khtgpeg0'Wpknng" tcf kkpncn'uwf lgu" yj cv' r tgf qo kpcpvnl "hgewu" qp" tgwtp/dcuqf "f cv." yj ku'y qtmleqpepvtcvgu" qp' tci g/dcuqf "f cv." yj lej "eqpvkpu" o qtg' kphqto cvkqp" cdqw" o ctngv'xqrvkxkf { 0Dqyj "kp/uco r ng" cpf "qw/qh/uco r ng" htgecuipi "r gthqto cpegu" ctg' gxcnxcvqf "wulpi "O gcp" Us wetgf "Gttqt "O UG+." Tqqv'O gcp" Us wetgf "Gttqt "O UG+." O gcp "Cduqmwg" Gttqt "O CG+." O gcp "Cduqmwg" Rgtegpvcı g" Gttqt "O CRG+." cpf "S NMG0T guwu" kpf lecvq "yj cv' yj g" J CT."CTOC." cpf "GECTT" o qf gnu" gzj kdk" utqpi " qw/qh/uco r ng" r gthqto cpeg" cetquu" xctkqwu" ceewtce{ " o gtleu." y kj " J CT" r tqxkpi " r ctvewctnl "ghgevkxg" kp" dqyj "kp/uco r ng" cpf "qw/qh/uco r ng" r tgf levkpu" f wg' vq" ku" o wnk/uecrg" f guki p" yj cv' ecr wtgu" f khtg gpv'xqrvkxkf " f { pco leu0' k " eqpvctuv." tcf kkpncn' o qf gnu" uwej "cu" I CTEJ ."GI CTEJ ." cpf " CTHOC." f gur kg' yj gk' tqdvw' kp/uco r ng' r gthqto cpeg. "utwi i npi "vq" r gthqto "y gmlp" qw/qh/uco r ng' vguu0' Vj gug' hpf kpi u'j cxg' lo r rlecvkpu" ht "kpcpekn' cpcn' uuu' cpf "kpxguqtu" kp' lo r tqxkpi "htgecuipi "ceewtce{ " qh' yj gk' tci g' xqrvkxkf "htgecuu0'

**Keywords:** "Xqrvkxkf" "Htgecuipi" =T cpi g" Xqrvkxkf" =O qf gr E qo r ct kuq =DKUV= "kp/uco r ng" cpf "Qw/qh/ Uco r ng" =T gewtukxg' y kpf qy 0'

**JEL:** "E44." "E750"

"

<sup>7</sup>F t0DwtcmMQTMWUW . "Hcewnf "ql'Geppqo leu'cpf "Cf o kpmvckxg"Uekpegu."F gr ctwo gpv'ql'Geppqo gtleu." Quo cpkfg"Mtmmw"Cv "Wpkxgtuksf.": 2222."Quo cpkfg."VAnkf g" \*dwtcmqtmwuw B quo cpkfg" w0t +"

III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

PET/BT'DE L2 VERTEBRA SUVMAX VE L2 VERTEBRA/KARACİĞER SUVMAX DEĞERLERİNİN METASTAZ İLE İLİŞKİSİ

THE RELATIONSHIP OF L2 VERTEBRA SUVMAX AND L2 VERTEBRA/LİVER SUVMAX VALUES WITH METASTASIS IN PET/CT

"

Ozan KANDEMİR<sup>1</sup>

<sup>3</sup>F qmqt " t gvk "©{ guk 'Ow r "U,m'Mq± cp'©pkxgt ukvguk'G kko 'xg'Ctc v,t o c'J cuwpguk'PÃmgtt 'V,r" Dk ko k'Ow r. 'V©TM | G0'

<sup>3</sup>QTEK 'KF <j wr u-1lqtekf Qti I222/2225/5; 9: /3444"

Serdar ALTINDAĞ<sup>2</sup>"

<sup>4</sup>W|o cp'F qmqt. 'Ow r "U,m'Mq± cp'©pkxgt ukvguk'G kko 'xg'Ctc v,t o c'J cuwpguk'PÃmgtt 'V,r'Dk ko k' Ow r. 'V©TM | G0'

<sup>4</sup>QTEK 'KF <j wr u-1lqtekf Qti I222/2225/362; /; ; 78"

ÖZET

Rq| ktqp "Go ku{ qp "Vqo qi tchuk'xg"Dki kuc {ctn "Vqo qi tch' "RGVIDV+" qpnmq|k'crp, pf c "nēpugt k"vcp, " gxtgrgo g" xg" vgf cxxk' vcnkdpf g" 3/4pgo rk' dkt "tqn' q{ pco cmcf ,t0' RGVIDV. " xÃeww" o gvedqrkn' cmkxkg{ k' i 3/4ugng vktgp"i Ã±Ã' dkt"i 3/4ÃpvÃngo g"nqo d|pcu{ qpwf vt "xg'dw'uc {gf g"nēpugt ik'ng| { qprct, p"vgur kk'f c j c" gvnik' dkt" gnkf g" i gt±gnng vktko gmgf kt0" | gnknng" UWXo cz " \*Ucpcf ctv k' g" Gf kno k " Cno " O emko wo " Fg g tk: "ng| { qprct, p" o gvedqrkn' cmkxkguk' k' f g gtrgpf kto gn'k k" { c { i , p" qrtcm' mwrp, rcp" dkt " nēpvk vki rctco gvgf kt0"

Dw' ±cn o cf c. " Rq| ktqp" Go ku{ qp" Vqo qi tchuk' xg" Dki kuc {ctn" Vqo qi tch' "RGVIDV+" vgnpkmgkt' mwrp, rctcm' N4" xgtvgdte" UWXo cz" xg" N4" xgtvgdte İMctcek gt" UWXo cz" f g gtrgtk' kpegrgo k. " dw' f g gtrgtk' qtvrco c" xg" uepcf ctv' ucr o crct, " j gucr nēpo , " xg" o gvucvkn' j cuvcn, n' kng" kxknktk' f g gtrgpf kko k vkt098" j cuvc "Ã' gt kpf g" { cr , rcp" cperk' rgtf g. " N4" xgtvgdte "UWXo cz" qtvrco cu, "409" \*305/ 50±" o gf { cp' f g g tk' 4.4" xg" uepcf ctv' ucr o cu, "206; . " N4" xgtvgdte İMctcek gt "UWXo cz" qtvrco cu, "kg" 209" \*207/3±" o gf { cp' f g g tk' 206" xg" uepcf ctv' ucr o cu, "203" qrtcm' dwnpo w wt0¥ cn o c { c" f c j kn' gf krgp" j cuvcrt, p" { c " qtvrco cu, "8706" qnr. " ekpuk' gv' f c , no , " g k' qrtcm' 5: " nēf , p" xg' 5: " gtngn' gm kpf gf kt0"

Gf g" gf krgp" dwi wrct. " N4" xgtvgdte" krg" N4" xgtvgdte İMctcek gt " " UWXo cz" f g gtrgtk' vqo qi tchkn' i 3/4ÃpvÃngt" {cpu, o c { cp" o gvucvkn' ng| { qprct, p" dgrktngpo gukpf g" 3/4pgo rk' dkt" i 3/4vgti g" qrf w vpw' qtv c { c" nq { o cmcf , t0" | gnknng. " UWXo cz" f g gtrgtk' f g" qtvrco c" - 4" xg { c" - 5" uepcf ctv' ucr o cp, p" o gvucv | " xg" ngo kn' k' k' wwnwo vpw" i 3/4vgti guk' qrdkrgeg k' rkgctv' f g" dgrkt vko gmgf kt0' Dw' f g gtrgt" i 3/4 3/4pÃpÃg" cnpf , , pf crghqo c" vcp, n" j cuvcrt, p" ngo kn' k' k' wwnwo vpw" i qrf w w' i kdk' vqo qi tchkn' net , n , " ug±kgo g { gp' ng| { qprct, p" f g gtrgpf kko gukpf g" N4" xgtvgdte İMctcek gt " UWXo cz" f g g tk' 3" xg' N4" xgtvgdte" UWXo cz" f g g tk' 507" Ã' gt kpf gnk' j cuvcrt f c" kungrv' ukngo " wwnwo w' c±, u, pf cp" f kmevk' qnrpo cnf , t0' C { t, ec. " ekpuk' gv. " { c " xg" nēp" i nwnq| " f g g tk' rcm' 3/4ngtk' f g" UWXo cz" f g gtrgtk' Ã' gt kpf gnk' gvnik' " m kpn' f g gtrgpf kto gvgf g' f kmevg' cnpo cnf , t0"

Uqpwr' qrtcm' "RGVIDV" krg' gnf g' gf krgp" dw' 3/4±Ão rgt. " o gvucvkn' j cuvcn , p" f g gtrgpf kko gukpf g' ntkkn' dkt" tqn' q { pco cmcf , t' xg" dw' f g gtrgtk' f kmevk' dkt" gnkf g" { qtwo nēpo cu, . " vgf cxxk' rcp' o cu, pf c' 3/4pgo rk' dkt" cxcpcv' uc r { cdktk' 0I grgegñ ±cn o crct f c" dw' 3/4±Ão rgtk' m kpn' nēctet' xgto g' uÃ±g±ngtk' f g gtrgtk' qn' f c j c" f c" pgvg gegmk0'

Anahtar Kelimeler: "UWXo cz. "RGVIDV. " o gvucv | 0'

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ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

Rqkxqp"Go kuukqp"Vqo qi tcr j { "cpf "Eqo r wgf "Vqo qi tcr j { "RGVIEV+r r c{ "c"uki pkkcepv"tqrq"lp"vj g" f lci pquku."uci kpi ."cpf "tgcvo gpv"hmny /wr "qh"ecpegt"lp"qpeqrni {0"RGVIEV"ku"r qy gthwn"ko ci kpi " eqo dlpckqp" vj cv' xkuwrik gu" o gxcdqike"cevkkk{ "lp" vj g" dqf { ." gpcdrkpi " o qtg" ghgevkxg" f gvgevkqp" qh" ecpegtqwu"rgukapu0Ret vkwrtntf . "UWXo cz "Ucpf ctf k gf "Wf veng"Xcnwg'O czko wo +ku"r"eqo o qprn{ "wugf " s wcpkckxg'r ctco gvgf "q"cuuguu"vj g'o gxcdqike"cevkkk{ "qh"rgukapu0

Kp" vj ku"uwf { ."N4"xgtvgdtc"UWXo cz "cpf "N4"xgtvgdtc"UWXo cz "xcnwg"y gtg"gzco kpgf "wukpi " RGVIEV"vej pls wgu" y kj "ecrewckqp" o cf g" hqt" vj gk" cxgtci gu" cpf "ucpf ctf " f gxcvkqp" cpf " vj gk" tgrvkqpj kr u'y kj " o gvcucvle" f kugcug" y gtg" gxcnwg" 0Cpcn{ ugu" eqpf wevgf "qp"98"r cvkpwu"tgxgcrgf "vj cv" vj g" cxgtci g" N4"xgtvgdtc"UWXo cz "y cu"4089" \*tapi g<305/50+." y kj "c" o gf kcp" qh"40" cpf "c"ucpf ctf " f gxcvkqp" qh"206; 0Vj g" cxgtci g" N4"xgtvgdtc"UWXo cz "y cu" hqwpf "q" dg"209" \*tapi g<207/3+." y kj "c" o gf kcp" qh"206" cpf "c"ucpf ctf " f gxcvkqp" qh"2030" Vj g" cxgtci g" ci g" qh" vj g" r cvkpwu" lpenf gf "lp" vj g" uwf { " y cu"8706." y kj "cp" gsweni gpf gt " f kwtkdwkqp" qh"5: " hgo crgu" cpf "5: " o crgu0

Vj g" hpf kpi u" lpf kcvg" vj cv" N4"xgtvgdtc" cpf "N4"xgtvgdtc" UWXo cz "xcnwg" ctg" uki pkkcepv" lpf kcvqtu" hqt "kf gpvkh{ kpi " o gvcucvle" rgukapu" vj cv" o c{ "pqv" dg" tghgevgf "lp" vqo qi tcr j le" ko ci gu" K" ku" r ctvkwrtntf " pqvgf "lp" vj g" hgtcwgt" vj cv" cp" cxgtci g" qh" - 4" qt" - 5" ucpf ctf " f gxcvkqp" lp" UWXo cz "xcnwg" eqwrf " lpf kcvg" o gvcucuku" cpf " dqp" g" o cttqy " lpxqrgo gpv0Eqpukf gt kpi " vj gug" xcnwg" . cvgpvkqp" vj qwrf " dg" r ckl " vj" r cvkpwu" y kj " cp" N4"xgtvgdtc" UWXo cz "xcnwg" cdqyg" 3" cpf " cp" N4"xgtvgdtc" UWXo cz "xcnwg" gzegef kpi " 507." gur gekcm{ "lp" gxcnwkpi " rgukapu" vj cv" f q" pqv" j cxg" c" vqo qi tcr j le" eqwpvtr ctv." uwej " cu" dqp" g" o cttqy " lpxqrgo gpv" lp" h{ o r j qo c" r cvkpwu0Cf f kkpqm{ . " hcvqtu" uwej " cu" i gpf gt. " ci g" cpf " drqf " i nvequg" hgxgu" uj qwrf " cnu" dg" eqpukf gt gf "lp" erklecn{ gxcnwkqp" tgi ctf kpi " vj gk" ko r cev" qp" UWXo cz "xcnwg"0

Kp" eqpenukqp. " vj g" o gcuwtgo gpw" qdvckpgf " vj tqwi j " RGVIEV" r r c{ "c" etklecn{ tqrq" lp" cuuguukpi " o gvcucvle" f kugcug." cpf " ectghwn" lpgvtr tgvckqp" qh" vj gug" xcnwg" ecp" r tqxkf g" uki pkkcepv" cf xcpvci gu" lp" tgcvo gpv" r rppkpi 0Hwwt" g" uwf lgu" y knlht vj gt " erctkh{ " vj g" tqrq" qh" vj gug" o gcuwtgo gpw" lp" erklecn{ f gekukp/ o cnkpi " r tqeguugu0

**Keywords:** "UWXo cz. "RGVIEV. "O gvcucuku0

"

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#### SYNTHESIS OF CUO NANOPARTICLES FOR ENHANCED PHOTOCATALYTIC DEGRADATION OF METHYLENE BLUE IN ADDRESSING URBAN POLLUTION CHALLENGES (WATER)"

Roguai Sabrina

Cddgu'Nci j t qwt 'wpxgt ukf. 'Hcewmf 'qhluekpeg'cpf 'vgej pqmji { . 'F gr ct vo gpv'qhluekpeg'qhl'v g'o cwgt " nj gpej gr. 'Cri gt kc

QTEKF <2222/2224/2989/2: 68"

#### ABSTRACT

Wtdcpk cvkqp"j cu'rgf "v"lpetgcugf "r qmwkqp."r qukpi "o clqt"ej cmgpi gu'hqt "uwuclpcdrng" f gxgnr o gpv'cpf " r wdrie"j gcnj . 'r ctvlewrtntf "lp"vj g"tgcvo gpv'qh'y cugy cvgt"cpf "uepkcvkqp"qh'r qvcdng'y cvgt"uwr r rkgu0Vj g" tkulpi "ngxgn"qh'lpf wutken'r qmwcpw"lp" wtdcp" y cvgt "dqf lgu"o cng"cf xcpegf "tgcvo gpv" vgej pqmji lgu" etwecnd'Co qpi "vj gug."cf xcpegf "qzlf cvkqp"r tqeguugu" \*CQRu"j cxg"go gti gf "cu"ghgevkxg"uqmwkqpu." gur gekm{ "j gvtqi gpgqwu"r j qvqecvntf uku."y j lej "wrtk gu"ugo keqpf wevt "o cvgtken' rknng"eqr r gt"qzlf g" \*EwQ+" vq" f gi tcf g" qti cple" r qmwcpw" y kj qw" lptqf wekpi " j cto hwt' ej go kecn0 J gvtqi gpgqwu" r j qvqecvntf uku'ku'kf gcnlht'wtdcp"cr r rkecvkpu'dgecvug'k'ecp'dt gcnlf qy p'qti cple'eqpvo kpcpw'lpvq'pqp/ vqzle'd{r tqf weu"vj tqwi j "rki j vcevxcvxf "tgcvcvku0EwQ."cu"r j qvqecvntf uv."qhlgtu"pqvcdng"cf xcpwi gu" lp"vtdcp"y cugy cvgt"tgcvo gpv."o kpk k lpi "vj g'pggf "hqt"cf f kkpncn'ej go kecn'cf f kxgu'y j krg"r tguqxlpi " y cvgt"s wcrk{0'lp"vj ku"uwf { . "EwQ"pcpqr ctvlegu"y gtg"u{pvj guk gf "wulpi "c"eq/r tgekr kcvkqp"o gj qf . " qr vko k gf "d{ "eqpvtqmgf "j gcvkpi "cv": 2AE."v"ko r tqxg"vj gkt"r j qvqecvntf vke'cevkkv{ "hqt"y cvgt"tgcvo gpv0 Vj g'u{pvj guk gf "EwQ"pcpqr qy f gt'y cu'ej ctcevgtk gf "d{ "Z/tc{ "f khtcevkap" \*ZTF +cpf "uecpkpi "grgevtqp" o letqueqr { \*UGO + "eqphko lpi "vj g'o qpqenple"r j cug'qh'EwQ"y kj "cp"cxgtci g'et { ucnkkg'uk g'qh'52'po 0' Vj ku"pcpquecrg" utwewtg" lpetgcugu" vj g" cxckrdng" uwthcg" ctgc" hqt" tgcvcvku." gpj cpekpi " r qmwcpv" f gi tcf cvkqp'ghhkegpe{0UGO "cpncf uku'cnq'tgxgcrf "c"vj tgg/f ko gpukqpcn'hmqy gt/rknng"o qtr j qmji { . 'y j lej " qr vko k gu'dqj "rki j v'cdutq vkap"cpf "r qmwcpv'cf uqtr vkap0EwQ"pcpqr ctvlegu"r tqxgf "j ki j n{ "ghgevkxg"lp" f gi tcf lpi "o gj { rpgg" dnwg" \*OD+ "c"eqo o qp" wtdcp" y cvgt"r qmwcpv."uj qy eculpi "vj gkt"r qvqvcn'hqt" y cugy cvgt"tgcvo gpv0 Vj g" f gxgnr o gpv' cpf " cr r rkecvkqp"qh' EwQ"pcpqr ctvlegu" lp" y cvgt"tgcvo gpv" vgej pqmji lgu"tgr tguqv" c"r tqo kulpi "qr r qtwpk{ "v"ko r tqxg" wtdcp" gpv'ktpo gpv'n'uwuclpcdrng'0'D{ " lpgi tcvkpi "r j qvqecvntf vke"r tqeguugu"lpvq"vtdcp"y cvgt"u{vgo u."k'ku"r quukdng"vq"o kki cvg"vj g"ko r ceu"qh' lpf wutkenk cvkqp"cpf "vtdcp"r tguuwtgu"qp"y cvgt"tguqvtegu0

**Keywords:** EwQ'P cpqr ctvlegu."Rj qvqecvntf vke'F gi tcf cvkqp."Y cugy cvgt"Vtgcvo gpv0

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## YAPAY ZEKA SANATI: DERİN ÖĞRENMEDE SANATSAL STİL AKTARIMI THE ART OF ARTIFICIAL INTELLIGENCE: ARTISTIC STYLE TRANSFER IN DEEP LEARNING

<sup>1</sup> Doç. Dr. Engin Güney

QO©'I Ā|gr'Ucpcvct 'HcnĀnguk'Tguko 'D³/4Āo Ā" t gko '©{guk'

QTEKF <2222/2223/8777/894;

<sup>2</sup> Hasret Yavuz

QO©'NucpuĀuĀ'G kko 'GpiakuĀuĀ'Ucpcv'xg'Veuct,o 'Cpc'Ucpcv'F cn, 'Ucpcwe'[] gygr'rkni'

QTEKF <2222/2223/; 39:/8475"

### ÖZET

pucp" ngpf k' f , ,pf cnk' w{ctcp" xg" o qvxcu{qprctc" net ,. , xgtf k k' vgr nkgtrg" xg" vgtelj rgrg" {c co ,p, dkko rg{gp"xg"ctc{, "kelpf g"qrcp"dk"xctn,m,t0Vcx,t."f extcp, "dkrkngrk k'krp"ce±,ncpcdkrgegn'i ĀpĀo Ā " mĀnĀĀpf g" {³/4pgrko kp'f kkcng o g'qf cm,qrf w w³/4 rpgdkkt0Dkrp±k'dk"xctn,m,qrcp'kpucpce³/4 i Āucpcv,p" f kpcu kni {cr,u,"f c"ucpcv±,ret,p" {gpk'ctc{, ret,"gmugpkpf g"mĀnĀĀgr'f³/4pĀo Āo rgt"r ctcgrnk kpf g"ug{tkpk' f gxcu "gwko gmgf k0MĀnĀĀ'kg'krk nkuk'±³/4 Āo rgo gf km±g'ucpcv,p'nc|cpf, , {gpk'ce±,no ret,"nextco ep,p" i Ā±ng geg k' u³/4 rpgdkkt0 [ gpk'mĀnĀĀgr'qiw wo rctf c" {cr c{" | gne" vgnpqrlkgtkpk" {c{i ,prc o cu,"kg" ucpcv±,ret,p" f kulr rkrpctcu," {cmc ,o ret,"f c"htcm,rc o cmcf,t0F gtlp"³/4 tgpog."ukri'cmct,o ,. "p³/4cn'ukri' vtcphgtk' i kdk' nextco ret" {cr c{" | gne" vgnpqrlkgtkpk" ucpcwenk' {gpk' {cpu,o cmt," qrtcm' f g gtrgpf kko gmgf k0MĀnĀĀgr'uĀg±rgrg"r ctcgrnkni' i ³/4vgtgtni'ucpcv" gpvgi tg"qrcp" {cr c{" | gncp,p" ucpcv±,ret,p" {gpk'xg'htcm' dk'ctc±"qm cp,p'³/4gukpg'i g±vk k'i ³/4Āo gmgf k0"

Ctc vto cf c"ucpcv."f gtlp"³/4 tgpog" vgo gmk' {cr c{" | gne" ukugo rgtkpf g"ucpcvci'ukri'cmct,o , "krk nkukpf g" f g gtrgpf kko k vtoCtc vto cp,p"co ce," {cr c{" | gncp,p"ucpcv±"uwpf w w'ce±,no ret,"vgnpkn'dk'cprcv,o rc" dgrtngo gmgp"³/4g'ucpcv±cn o cmt,p,p"ktgk k'³/4 i ĀpnĀ Ā"ucpcv±,p,p"dw'uĀg±vgnk'tqnĀ'i kdk'j wuwrtf c" f gtlp"³/4 tgpog" krk nkukpf g"ukri'cmct,o ,p,"f g gtrgpf kto gmk0'Ucpcvci'ukri'cmct,o ,p," {cr c{" | gncp,p" ucpcwenk'ce±,no ret,pf cp"dk'qrtcm'grg"cnr . "f³/4pĀ gp'mĀnĀĀgr' {cr , "krk nkukpf g"ce±,mco cni'ctc vto cp,p" ³/4pgo kpk'qtvc{c'nq {o cmcf,t0'

Ctc vto cp,p"öi k k ö'd³/4Āo Āpf g'f gtlp"³/4 tgpog'xg'ucpcvci'ukri'cmct,o , "qf c ,pf c'rkgtcvĀ"ctc vto cu," kg'f g gtrgpf kto grt" {cr ,no , vto0F gtlp" tgpog'xg" [ cr c{" \ gneö'dc n ,pf c'f gtlp"³/4 tgpogp'vcp,o , " xg" {cr c{" | gne'kg'krk nkukpf g' f kkrp'gtni'dwi wrctc'xg'ce±,mco cmtc" {gt'xg'kko k vto0Y cn o cp,p"gmugpkpk' qiw wtcp."ucpcvci'ukri'cmct,o , "krk nkukpf g" {cr c{" | gne" ucpcv,p,p"nc|cpf, , "ce±,no ret"öUcpcvci'Ukri' Cmct,o , " rk nkukpf g" [ cr c{" \ gne"Ucpcv,ö'd³/4Āo Āpf g'kf grgo k vto0Ctc vto cf c" {cr c{" | gne"ucpcv,p,." f gtlp" ³/4 tgpog" xg" ucpcvci' ukri' cmct,o , " krk nkukpf g" f g gtrgpf kktngp" uqti wr{e, " dk" {cmc ,o " dgpkö ugpo k vto"

Anahtar Kelimeler: F gtlp" tgpog." [ cr c{" \ gne."Ukri'Cmct,o , "

### ABSTRACT

J wo cp"dglpi u'ctg'gpvkgu"vj cv'uj cr g'vj gk'rkxgu"vj tqwi j 'tgcevkpu'cpf "ej qllegu'kp'tgur qpug"vq'gzvgtpcni' unko wk'cpf "o qvxcvqpu."eqpucpvni' "kp" c"ucvq"qh'ugctej 0'k' "vqf c{)u'ewnwgt." y j gtg'cvkwf gu"ecp"dg" gzer kelpgf"d { "vj g"wpk{ "qh'dgj cxkqt."k'ecp"dg"uckf "vj cv'qtlgpvcvqpu"ku'hqewugf"qp'f ki kcrk'cvkqp0'Vj g" f {pco k'pcwtg'qh'ctv."wpls wg"vq"j wo cpu'cu'eqpuekqu'dglpi u."eqpvkwgu"ku'eqwtug"kp"r ctcgrni'y kj " ewnwcti'vtpuhqto cvkpu."egpvgtgf "ctqwpf "ctvkuu)pgy "r wtuwku0'k'ecp"dg"cti vgf "vj cv'wpf gtucvcpf kpi "vj g" pgy "gzer cpukqu'ct'vj cu'i clpgf "y knidgeo g'ej cngpi kpi "wprguu'ku'tgrvkvpuj kr "y kj "ewnwgt'ku'cpcni' | gf 0'

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Cu'ctv'k'lekcn'k'p'vgnki gpeg"vej pqm' kgu"dgeqo g"o qtg"y kf gur tgc f "k"p'gy "eww'w'cn' hqto cvk'qpu."ct'v'ku'v' k'p'vgtf k'uekr' h'p'ct { "cr r tqcej gu'ctg"cnq" f kxgtukh' k'pi O'E'q'p'egr u'u'we'j "cu'f ggr "ngct'p'k'pi . "uv' ng"v't'cp'uhgt."cpf "pgw'cn'uv' ng"v't'cp'uhgt"ctg"eq'p'uk'f g'g'f "cu'p'gy "t'gh'ng'ev'k'qpu'qh'ct'v'k'lekcn'k'p'vgnki gpeg"vej pqm' kgu'k'p"ct'v'0'k'ku' q'dugtxg'f "j cv'ct'v'k'lekcn'k'p'vgnki gpeg."y j lej "k'p'v'gi t'cv'gu"k'p'v'q"ct'v'k'p"r'ct'cm'gn'y k'j "eww'w'cn'r' tqegu'gu."j cu' o q'x'g'f "dg' { q'p'f "o g't'gn'f "d'g'k'pi "c'p'gy "cpf "f'k'ht'g'p'v'q'q'n'k'p"ct'v'0'

K'p'v'j k'u'uw'f { . "ct'v'ku'g'x'cn'v'g'f "k'p'v'j g'eq'p'v'z'v'q'h'ct'v'k'ue"uv' ng"v't'cp'uhgt"y k'j k'p'f ggr "ngct'p'k'pi /dcug'f "ct'v'k'lekcn' k'p'vgnki gpeg"u'f u'go u'0't'cv'j g't'v'j cp'o g't'gn'f "k'f g'p'v'k'h' k'pi "v'j g'v'ej p'lec'n'eq'p'v'k'd'w'k'qpu'qh'ct'v'k'lekcn'k'p'vgnki gpeg" v'q"ct'v'v'j g'c'ko "q'h'v'j g'uw'f { "k'u'v'q" g'x'cn'v'g'uv' ng"v't'cp'uhgt"y k'j k'p'f ggr "ngct'p'k'pi "k'p'v'g'to u'q'h'ku'uw'gu'we'j "cu' v'j g'eq'p'v'g'p'v'cpf "q't'ki k'p'c'rk'v'f "q'h'ct'v'k'ue"y q't'm'u."cu'y g'n'cu'v'j g't'q'ng"q'h'v'j g'ct'v'k'p'v'j k'u'r' t'q'egu'0'j k'j j r'ki j v'k'pi "ct'v'k'ue"uv' ng"v't'cp'uhgt"cu'q'p'g"q'h'v'j g'eq'p'v'k'd'w'k'qpu'qh'ct'v'k'lekcn'k'p'vgnki gpeg"v'q"ct'v'cpf "g'z'r' r'ek'p'k'pi "k'y k'j k'p' v'j g'eq'p'v'z'v'q'h'v'j g'v't'cp'uhgt'o k'pi "eww'w'cn'uv'w'ew'w'g'f go q'p'v'v'c'v'gu'v'j g'k'o r' q't'v'c'p'eg"q'h'v'j g'uw'f { 0'

K'p'v'j g"o'k'p'v'q'f w'ek'q'p'o"u'ge'v'k'q'p." g'x'cn'v'k'q'p'u"y g't'g"o c'f g"v'j t'q'wi j "c"r'k'g't'c'w'w'g't'g'x'k'g'y "h'q'ew'ug'f "q'p" f ggr "ngct'p'k'pi "cpf "ct'v'k'ue"uv' ng"v't'cp'uhgt"0'k'p'v'j g"u'ge'v'k'q'p"v'k'ng'f "o'f ggr "Ngct'p'k'pi "cpf "Ct'v'k'lekcn'k'p'vgnki gpeg."o' h'k'p'f k'pi u'cpf "g'z'r' r'ep'c'v'k'q'p'u'ct'g'r' t'q'x'k'f g'f "d' { "f'k'ue'w'uk'pi "v'j g'f g'h'k'p'k'k'q'p"q'h'f ggr "ngct'p'k'pi "cpf "k'u't'g'r'v'k'q'p'uj k'r "y k'j "ct'v'k'lekcn'k'p'vgnki gpeg"0'v'j g"u'ge'v'k'q'p"o'c't'v'k'lekcn'k'p'vgnki gpeg"ct'v'k'p"v'j g"Eq'p'v'z'v'q'h'ct'v'k'ue"U'v' ng"v't'cp'uhgt"o'g'z'co k'p'gu'v'j g'p'gy "f'ko g'p'uk'q'p'u'i c'k'p'g'f "d' { "ct'v'k'lekcn'k'p'vgnki gpeg"ct'v'v'j k'j k'p'v'j g'eq'p'v'z'v'q'h'ct'v'k'ue" uv' ng"v't'cp'uhgt."y j lej "h'q'to u'v'j g'c'z'k'u"q'h'v'j g'uw'f { 0'c"s'w'g'v'k'q'p'k'pi "cr r tqcej "k'u'cf q'r'v'g'f "k'p" g'x'cn'v'k'p'pi "ct'v'k'lekcn'k'p'vgnki gpeg"ct'v'k'p't'g'r'v'k'q'p"v'q'f ggr "ngct'p'k'pi "cpf "ct'v'k'ue"uv' ng"v't'cp'uhgt"k'p'v'j k'u'uw'f { 0'

**Key Words:** F ggr "Ngct'p'k'pi . "Ct'v'k'lekcn'k'p'vgnki gpeg."U'v' ng"v't'cp'uhgt

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#### GERÇEKLİK ALGISI EKSENİNDE POSTDİJİTAL SANATIN KÜLTÜREL DEĞİŞİMLERE ETKİSİ THE EFFECT OF POSTDIGITAL ART ON CULTURAL CHANGES WITHIN THE AXIS OF PERCEPTION OF REALITY

<sup>1</sup>Doç. Dr. Engin Güney

QO©'I Ā/griUcpcvwt "HcnĀngukTguko 'D'āĀo Ā" t gko '©{guk 'QTEKF <2222/2223/8777/894; "

<sup>2</sup>Kadir Alp Eren

QO©'NucpcuĀuĀ'G kko 'GpwnkĀuĀ'Tguko 'Cpc'Ucpcv'F cn. 'Ā ĀngmiNucpu" t gpekuk : "QTEKF <222; / 2227/9758/26; 6"

#### ÖZET

Ucpcv' mĀnĀtgn' nqf mct, " {cpu,vp" xg" mĀnĀtgn' f 3pĀ Āo rgtg" pgf gp" qm c" r qcwuk{ grkp" ucj kr " qrcp" dk" f lpcu kmkOI ĀpnĀnj c{cv,o ,| f c'dkt±qmf g k ko kp'vgwmg{lekuk'qrcp" {gp'vgnpqmlkgtkp'ucpcv'crp,pf c'f c" c{p," r ctergnkmg" gmkuk' qrf w w' u3/4 rpgdktk' Vgnpqmlkni' i grk o grgtkp" f k gt" mĀnĀtgn' hgpqo pgrgt" krq" dkrg ngukpf g'mwrcp,o "dkko k=f Ā Āpeg'f wwo rct,o ,| f c."{c co ,"xg"i gt±gmkmgtk'cni ,rc{ , ,o ,| f c'dkt±qmf f g k kmk g'pgf gp"qm cmcf ,t0"

Rquf kken'ucpcw'mwrcp,rcp'ucpcni' gt±gmkn'vgnpqmlkgtk" {cr c{ | gnc'w{ i wwo crct,."j qmji telknir tqlgrgt" i gt±gmkn' cni ,u," krq" ki krk' {gpk' wtv, o c" crcpmt,p,p" qnw o cu,pc" pgf gp" qm cmcf ,t0' Dw" etc vto cf c" co c±rcp"i grk gp'vgnpqmlkgtkp'gmkukpf g"i gt±gmng vkrp'ucpcvni'kcf g'dkko rgtkp' mĀnĀtgn' gmkukpf g" f g gtrp'ko gmkOF g k gp'dk' qn' w'qrcp'ucpcv'p'i gt±gmkn'cni ,u," qf c ,pf c. "mĀnĀtgn' gmkukpf g'dĀĀpeĀni' dk" {cmc ,o m'f g gtrp'f kkn' guk'±cn ,o cp,p'3pgo kp'xg'3/4 i ĀpnĀ ĀpĀ'qtvc{c' nq{ o cmcf ,t0'

Ctc vto cf c.'r quf kken'ucpcv'r tqlgrgtkp'p'vgnpqmlk'f Ā Āpo g'dkko rgtko k g'gmk'gw'kp'xg' k j kpu'ni' k rg{k rgtkp luĀt g±gtkp'f q cu,p, 'f g k vtf k kp'krk nk'p' Āpegn'4p gmg' hkg'cvĀ' dwri wrc, {rc'f guvmgp'gt'ni' c±,mrcp , vto' ĀRquf kken' Ucpcvni' [ 3pgrko rgtö" de n ,pf c" {cr c{ | gnc' ucpcv,." j qmji telkn' ucpcv" ucpcvni'cto c'ctv,t,m , "i gt±gmkn'ucpcv,."r quf kken'gpuvrcu{qp."vcpuj Āo cplu'ucpcv."r quf kken'j g{ngn" r quf kken'r gthqto cpu"3/4p gmg'kp' {gt'xg'krgtgm'c±,mrcp crctf c" dwrcpwo w wt0' ĀRquf kken' mĀnĀtgn' xg" I gt±gmkn' Cni ,u,ö" de n ,rc" i ĀpĀo Ā g" 3/4 i Ā' fextcp, " dk'rkmg'rkmg'k' {qtwo rcpo , vto' " ĀmĀnĀtgn' F g k ko rgtg" Gmkukpf g" Rquf kken' Ucpcvö" de n ,pf c" dk'pek' d3/4Āo f g" f g gtrp'f kkrp' ucpcvni' kcf g" dkko rgtkp' mĀnĀtgn' gmkuk' {c co "dkko kp'f g"i gt±gmng gp" f 3pĀ Āo rgtg'krk nk'p'f kkrp'gm'c±,mrcp , vto' ĀUqpw'xg'Vctv, o cö'd3/4Āo Āpf g'pgvntcv'j gi go qrcp,p'kf gmqmlkgtk'f q twwuwp'f c'hwrcp,rcp'vgnpqmlkni' i grk o grgtkp" i gt±gmkn' cni ,u," xg" mĀnĀtgn' f g k ko rgt" Ā g'kp'f gmk' gmk'gt' dĀĀpeĀni' dk" {cmc ,o rc" f g gtrp'f kkn' k vto'

Anahtar Kelimeler: "Rquf kken'Ucpcv.'mĀnĀtgn'F 3pĀ Āo .I gt±gmkn'cni ,u,"

"

#### ABSTRACT

Ctv'ku'c'f {pco le"vj cv'tghgeu'ewwrcni'eqf gu'cpf "j cu'vj g'r qcwuk'ni'v'ecwug'ewwrcni'v'cpuhqto c'wkp'0'K' ecp'dg'uckf "vj cv'pgy "vej pqmji kgu."y j lej "vki i gt'o cp{ 'ej cpi gu'kp'qw'f ckn' 'h'xgu."j cxg'c'r ctergn'ghgeu' qp'vj g'h'krf "qh'ct'0'Vj g'y c{ "vej pqmji keni'f g'xgru' o gp'u'ctg'wugf "kp'eqplwep'kp'y kj "qyj gt'ewwrcni' r j gpqo gpc'ecwugu'o cp{ 'ej cpi gu'kp'qw'vj kpn'p'i 'cpf 'r gtegr v'kp'qh'kr'cp'f 'tgerk'0'

Xk'wrcni' tgerk' "vej pqmji kgu." ct'v'k'kn' kp'v'ni' gpeg" cr r r'ecv'kp'u." cpf "j qmji ter j le" r tqlgeu' wugf "kp" r quf ki keni'ctv'ctg'ecwuk'p'i "pgy "f k'ewwuk'p'ctgcu'tgi ctf kpi "vj g'r gtegr v'kp'qh'tgerk'0'Vj g'clo "qh'vj ku" t'gug'ctej 'ku'v'g'x'c'nc'v'g'ct'v'w'le"gzr t'gu'k'q'u'ectt'k'f "qw'w'p'f gt'vj g'k'p'hw'p'eg'qh'f' g'x'gru' kpi "vej pqmji kgu'kp" v'go u'qh'vj g'k'lo r cev'q'p'ewwrcni'0'Vj g'g'x'c'nc'v'g'p'qh'ctv.'y j lej 'ku'c'ej cpi kpi 'r j gpqo gpq'p.'y kj "c'j q'rk'w'k"

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cr r t q e j " k p " v g t o u " q h ' k u ' l o r c e v ' q p " e w n w t g . " h q e w u k p i " q p " v j g ' r g t e g r v k a p " q h ' t g c r k v { . " t g x g c n u ' v j g ' l o r q t v c p e g " c p f " q t k i k p c r k v { " q h ' v j g " u w f { 0 ' }

K p " v j g " t g u g c t e j . " e w t g p v " g z c o r r g u " q h ' r q u f k i k c n ' c t v ' r t a l g e u . " v e j p q m j { " c h g e v k p i " q w t " y c { u " q h ' v j k p n k p i " c p f " e j c p i k p i " v j g " p c w t g " q h " o g p v c n ' h m p e v k a p k p i l r t q e g u u g u " c t g " g z r m k p g f " d { " u w r r q t v k p i " v j g o " y k j " r k v g t c w t g " h p f k p i u 0 ' k p " v j g " v k a r g " q h ' o R q u f k i k c n ' C t v k u l e " Q t k g p v e v k a p u o . " g z c o r r g u " q h ' c t v k l e k n ' k p v g n k i g p e g " c t v . " j q m j t e r j l e " c t v . " x k w e n l o l z g f l e w i o g p v g f " t g c r k v { " c t v . " r q u f k i k c n ' k p u v c n e v k a p . " v t c p u j w o c p k u v " c t v . " r q u f k i k c n ' u e w r w t g . " r q u f k i k c n ' r g t h q t o c p e g " c t g " i k x g p " c p f " g z r m p e v k a p u " c t g " o c f g 0 ' k p " v j g " v k a r g " q h ' o R q u f k i k c n E w n w t g " c p f " R g t e g r v k a p " q h ' T g c r k v { o . " d g j c x k a t c n ' c u u q e k e v k a p u r g e k h e " v q " v f c { " c t g " k p v g t r t g v g f 0 ' k p " v j g " v k a r g " q h ' o R q u f k i k c n ' C t v k p " k u " C h g e v ' q p " E w n w t c n E j c p i g u o . " v j g " g h g e w u " q h ' c t v k u l e " g z r t g u k a p " h q t o u " g x c n e v g f " k p " v j g " h t u v l u g e v k a p " q p " e w n w t g " c t g " g z r m k p g f " d { " t g r e v k p i " v j g o " v q " v j g " v t c p u h q t o c v k a p u k p " h k g u v { r g u 0 ' k p " v j g " o T g u w n u " c p f " F k u e w u k a p o " u g e v k a p . " v j g " g h g e w u " q h " v e j p q m j k e c n f g x g n r o g p w u w g f " k p " h k p g " y k j " v j g " k f g q m j k g u " q h " p g v q e t c v k e " j g i g o q p u " q p " v j g ' r g t e g r v k a p " q h ' t g c r k v { " c p f " e w n w t c n ' e j c p i g u " c t g " g x c n e v g f " y k j " c " j q r k u l e " c r r t q e j 0 ' }

**Key Words:** " R q u f k i k c n ' C t v . " E w n w t c n ' V t c p u h q t o c v k a p . " R g t e g r v k a p " q h ' T g c r k v {

"





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\*UI F +cpf "8' " \*UI G +vq "O U'pwtkgpv'o gf k0I gto kpcvkqp'r gtegpvcı g"\* + "uogo "y gv'y gki j v'i + "uogo " ft {"y gki j v'i + "tqqv'y gv'y gki j v'i + "cpf "tqqv'ft {"y gki j v'i + "y gtg" f gvto kpgf 0'Uc'v'k'ec'n'c'pc'n' ugu'y gtg" r gthqto gf "hqt" v'j g" r ctco gvgtu" gzco kpgf "cpf" v'j g" f k'htg'g'pegu" dgy ggp" v'j g" xcn'wgu" y gtg" h'w'p'f "v" dg" uki p'k'lecp'0' Ceeqtf kpi "v" v'j g' t'gu'w'u'q'h'v'j g' u'w'f { . 'v'j g' j ki j guv'i gto kpcvkqp'r gtegpvcı g' y cu' qd'v'k'p'g'f "h'qo " UI C " o gf kwo " y kj " 98022' 0' K' y cu" qdugt'xgf " v'j cv' k'p'et'g'cu'k'p'i " f tqwi j v' eqpf k'k'q'p'u" f get'g'cu'g'f " v'j g" i gto kpcvkqp'r qy gt' q'h'v'j g' u'gg'f u'0'Y j k'p'74022' "q'h'v'j g' u'gg'f u'k'p' UDI "o gf kwo "cpf "72022' "q'h'v'j g' u'gg'f u'k'p' UI F "o gf kwo "i gto kpcv'g'f 0'V'j g' m'y guv'i gto kpcvkqp' t'c'v'g' y cu'4: 0 : ' "k'p' UI G' o gf kwo 0'Y j gp' v'j g' u'ogo " y gv'y gki j u'q'h'v'j g' r m'p'w' y gt' g' c'p'c'n'f u'g'f . 'v'j g' j ki j guv'y gv'y gki j v' y cu' qd'v'k'p'g'f "h'qo " UI C " \*2016: "i + "cpf" v'j g' m'y guv'y gv'y gki j v' y cu' qd'v'k'p'g'f "h'qo " UI G " \*2024 "i + 0'V'j g' j ki j guv' u'ogo " f t {"y gki j u' y gt' g' h'w'p'f "k'p' UI C " \*2047 "i + "cpf "v'j g' m'y guv'k'p' UI G " \*2027 "i + 0'U'k'o k'rt "v'j g' v'j g' q'v'j gt' r ctco gvgtu . 'v'j g' j ki j guv' t'q'q'v' y gv' cpf "f t {"y gki j u'q'h'v'j g' r m'p'w' y gt' g' qd'ugt'xgf "k'p' UI C " \*205: 5 "i "cpf "20253 "i + 0' C' u' c' t' g' u' w' n' q' h' v' j k' u' u' w' f { . "k' y cu' f gvto kpgf " v'j cv' cu" v'j g' f tqwi j v' eqpeg'p'v'c'v'k'p'p' k'p'et'g'cu'g'f . " q'v'j g' t " i tqy v' j " r ctco gvgtu" k'p'ew'f k'p'i " i gto kpcvkqp'r qy gt' q'h'q'p'k'p' u'gg'f u'f get'g'cu'g'f 0'F gvto kpcvkqp' q'h'v'j g' u'g'x'g't'k'v'f "q'h'f co ci g' q'h' k'p'et'g'cu'k'p'i "u'q'k'i f tqwi j v'q'p' r m'p'w' k' u' k'o r q't'c'p'v' h'q't' v'j g' u'w'w'c'k'p'c'd'k'k'v'f "q'h'c'i t'le'w'w't'g'0'"

**Keywords:** "Qp'k'q'p' . f tqwi j v'ut'guu . "k'p' x'k'at'q"

"  
"

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**PIRASANIN (*Allium ampeloprasum var. porrum* L.) İN VİTRO KOŞULLARDA FARKLI PEG DOZLARINA TOLERANS SEVİYESİNİN BELİRLENMESİ**  
**DETERMINATION OF TOLERANCE LEVEL OF LEEK (*Allium ampeloprasum var. porrum* L.) TO DIFFERENT PEG DOSES IN VITRO CONDITIONS**

**Ecem KARA**

*Ct 01 3/40F t0Uxcu'Dkko 'xg'Vgnpqrlk'©pkxgt ukxguk 'Vct,o 'Dkko rgt k'xg'Vgnpqrlk'Hcn'Anguk 'Vctrc' Dknkrgt k'D/4Ao Å.'Uxcu.'VÅt nkf gO'*  
*QTEK'PQ<2222/2224/233:/4895''*

**Hatıra TAŞKIN**

*Rt q10F t0Y wmw qxc '©pkxgt ukxguk '\ kt ccv'Hcn'Anguk 'Dcj ±g'Dknkrgt k'D/4Ao Å.'Cf cpc.'VÅt nkf gO'*  
*QTEK'PQ<2222/2224/39: 6/6953''*

**Gökhan BAKTEMUR**

*F q±0F t0Uxcu'Dkko 'xg'Vgnpqrlk'©pkxgt ukxguk 'Vct,o 'Dkko rgt k'xg'Vgnpqrlk'Hcn'Anguk 'Vctrc' 'Dknkrgt k' D/4Ao Å.'Uxcu.'VÅt nkf gO'*  
*QTEK'PQ<2222/2224/2584/732: ''*

**ÖZET**

Cdkf qkn'lutgu'nq wrct,pf cp'dk'k'ncp'mwtcm,nl'dk±qm'dknkf g'qrf w w'i kd k'r ,tcuc{ ,f c"gnkngo gmgf ktO' Vct,o ucn'Åt gvko ko kp'f gxco nñ ,p,p'uc npecdkro guk'xg'kgrngf gp'uÅtg±rgtf g'qmw cdkrgegndi ,f c'myn ,p,p' 3/pÅpg"i g±kno guk'co ce,{nc'mwtcm ,p'dknkrgt'Å gtpkf gnk'gnkrgtkp"dq{ www'xg'vqrngcpuf Å g{rtkp" dgkrtgpo guk'i gtno gmgf ktODw'±cn o cf c'nwtcm ,p'r ,tcuc'dknkuk'Å gtlpg'gnkrgtkp'grrgo k vtOHctm," f q| rctf cnkhwctm,nl'w wrct,'cnc,pf c'r ,tcuc'vqj wo rct,p,p'±ho rgo g'xg'i gk ko 'f wtwo rct,p,'dgkrtgpo guk' co c±rpo , vt0Y cn o cf c'nwtcm,mRGI 'kg'uc rpo , 'xg'p'xkt q'nq wrctf c'f' Å Å Å Å Å Å vÅtODguk'qtco , " qrtcnIO U'hwmp,m , 'xg'k±gtk'kg' 2\*'RTC±" 3\*'RTD±" 4\*'RTE±" 6\*'RTF +xg" 8\*'RTG+f q| rct,pf c' RGI 'gmgpo k vt0Y cn o c'ner uco ,pf c'vqj wo rct,p'±ho rgo g'f' Å f guk'± +xg'dknkrgtkp'i 3xfg'c 'c ,tn , " \*i + "i 3xfg'g'nwtw'c ,tn , " \*i + "n¼n'f c 'c ,tn , " \*i + "n¼n'wtw'c ,tn , " \*i + "i 3xfg'g'w'wpnw w'±o o + "kg'n¼n' w'wpnw w'±o o + rctco gvtgrgk'kpegrgo k vtO'Hctm," RGI "f q| rct,p,p'kpegrpp" rctco gvtgrg' Å gtlpg' gnkrgtkp"3pgo nk'qrf w w'dgkrtgpo k vtO'Vqj wo rct,p'±ho rgo g'f' Å f grgk'kpegrp'f k kp'f g'gp' f' Åmgnl' ±ho rgo g'p" 9: 02"kg'n¼pvtqn'qtco ,pf c'RTC"qrf w w'dgkrtgpo k vtORTG'qtco ,pf c'±ho rgo g'p" ' 54020g'f Å vÅ Å'i 3/4 Åo Å vÅtORGI "n¼pucvtcu{qpw'ctw,nrc"±ho rgo g'f' Å f guk'f g'naf go gk'qrctcnl' cl cm , vtODknkrgtkp'i 3xfg'c 'c ,tn , "gp'f' Åmgnl'2043; 'i "kg'RTC"qtco ,pf c."gp'f' Å Ån20326'i "kg' RTG'qtco ,pf c'qrf w w'f kmew'±gno k vtOI 3xfg'c 'c "xg'nwtw'c ,tn,mct,"gp'f' Åmgnl'2043; 'i "xg'20259'i " kg'RTC'qtco ,pf c'i 3/4 Åo Å vÅtORGI "f q| w'ctw,nrc"n¼n'f c "xg'nwtw'c ,tn,mct,pf c'3pgo nk'qtcp'rtf c' cl cm c'i 3/4 Åo Å vÅtODknkrgtkp'i 3xfg'g'xg'n¼n'w'wpnmct,'dcmo ,pf cp'gp'f' Åmgnl'f g gtrgt"84078"o o "xg' 5: 09"o o "kg'RTC"qtco ,pf cp'grf g'gf kro k vtO'

**Anahtar Kelimeler:** 'R,tcuc."nwtcm,nl'ut guk'p'xkt q'"

**ABSTRACT**

F tqwi j v."qpg'qh'y g'cdkqve'ut guu'e'qpf k'k'ku."chgeu'hggnl'cu'y g'm'cu'o cp{ 'r ncpw'0'k'q'gtf gt'v'g'p'wt g'y'g' e'q'v'p'w'v'k'f'qh'ci tleww'cn'r' t'qf we'v'q'p'cp'f'v'q'r'txg'p'v'hq'f'uj'qt'ci'gu'v'c'v'o'c'f'q'ee'w'k'p'y'g'f'hw'w'g'k'k'u' p'ge'gu'ct'f'v'q'f'g'v'to'kp'y'g'g'z'v'p'v'qh'y'g'g'h'g'ew'q'h'f'q'wi'j'v'q'p'r'nc'p'w'cp'f'y'g'k't'v'qr'ng'c'p'eg'rg'x'gn'0'k'v'j'ku' uw'f'f'v'j'g'g'h'g'ew'q'h'f'q'wi'j'v'q'p'h'g'gn'nc'p'w'y'gt'g'lp'x'gu'k'c'v'g'f'OK'y'cu'c'k'o'gf'v'q'f'g'v'to'kp'y'g'f'g'to'kp'v'q'p' cp'f'f'g'x'gn'r'o'g'p'v'q'h'g'gn'l'ugg'f'u'w'p'f'gt'f'q'wi'j'v'e'q'p'f'k'k'k'ku'cv'f'k'h'g'p'v'f'q'ugu'0'k'v'j'ku'uw'f'f'f'v'j'g'g'h'g'ew'q'h'

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f tqwi j v'qp'ngm'r rpv'y gtg'kpxguki cvgf OK'y cu'clo gf 'v'f gvgto kpg'vj g'i gto kpcvkqp'cpf 'f gxrqr o gpv'qh' ngm'uggf u'w'pf gt 'f khtg'gpv'f qugu'qh'f tqwi j v'eqpf kkp'u0'k'vj g'u'w'f { . 'f tqwi j v'y cu'r tqxkf gf 'y kj "RGI " cpf "ecttkgf "qw'w'pf gt 'k'xkt q"eqpf kkp'u0'U'y cu'w'ugf "cu'pwt'kpv'o gf kwo "cpf "RGI 'y cu'cf f gf 'cv'2' " \*RTC+'3' " \*RTD+'4' " \*RTE+'6' " \*RTF +'cpf '8' " \*RTG+'f qugu'0I gto kpcvkqp'r gtegp'ci g'qh'uggf u'\* + " cpf 'lugo 'y gv'y gki j v'i + 'lugo 'f t { 'y gki j v'i + 'tqqv'y gv'y gki j v'i + 'tqqv'f t { 'y gki j v'i + 'lugo 'ngpi vj '\*o o + " cpf 'tqqv'ngpi vj '\*o o + 'r ctco gvgtu'qh'vj g'r rpv'u'y gtg'kpxguki cvgf OK'y cu'f gvgto kpgf 'vj cv'vj g'gh'gewu'qh' f khtg'gpv'RGI 'f qugu'qp'vj g'gzco kpgf 'r ctco gvgtu'y gtg'uki p'k'ecp'0Y j gp'vj g'i gto kpcvkqp'r gtegp'ci gu' qh'vj g'uggf u'y gtg'cpcn' ugf . 'k'y cu'f gvgto kpgf 'vj cv'vj g'j ki j gu'v' gto kpcvkqp'tcv'y cu'9: 022' 'k'vj g'eqp'v'qni o gf kwo "RTC'0'K'y cu'qdu'gtxgf "vj cv'i gto kpcvkqp'f getgcugf "v'54022' "k'RTG'o gf kwo 0'Cu'vj g'RGI " eqpeg'v'cv'kqp'k'petgcugf . 'y g'i gto kpcvkqp'r gtegp'ci g'f getgcugf 'i tcf wcm' 0Vj g'j ki j gu'v'ug'o 'y gv'y gki j v' y cu'20243; 'i 'k'RTC'o gf kwo 'cpf 'vj g'ngy gu'v'y cu'202326'i 'k'RTG'o gf kwo 0Vj g'j ki j gu'v'ug'o 'y gv'cpf " f t { 'y gki j u'y gtg'20243; 'i "cpf "20259'i "k'RTC"o gf kwo 0'Cu'vj g'RGI "f qug'k'petgcugf . 'y gtg'y cu'c' uki p'k'ecp'v'f getgcug'k'p'tqqv'y gv'cpf 'f t { 'y gki j u'0Vj g'j ki j gu'v'xc'm'gu'k'p'v'gto u'qh'ug'o "cpf 'tqqv'ngpi vj u' y gtg'qdv'ckpgf 'ht'qo 'RTC"o gf kwo 'y kj '84078'o o "cpf '5: 019'o o 0'

**Keywords:** 'Nggm'f tqwi j v'ut'guu. 'k'xkt q'

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#### AFET SONRASI SEÇMENLERİN DUYGU DÜZEYLERİNİN OY TERCİHLERİNE ETKİLERİ<sup>8</sup>

#### THE EFFECTS OF VOTERS' EMOTION LEVELS ON THEIR VOTING PREFERENCES AFTER A DISASTER<sup>9</sup>

Doç. Dr. Haluk YAMAN

Fq±0Ft0:'H,t cv'©pkxgt ukxguk' DH.'Uk' cugv'Drko k'xg'Mco w'l' 3/pgvko k'D'±Ao' ±

2222/2223/8758/; 264"

Zehra ERTÜK

Nkucpu" t gpekuk'Ctc v,t o ce..'H,t cv'©pkxgt ukxguk' DH.'Uk' cugv'Drko k'xg'Mco w'l' 3/pgvko k'D'±Ao' ±

#### ÖZET

Chgvrt."dÄ± Än'qtcpf c" dgmngpo gf knl' co cprctf c"qtvc{c"±,ncp"xg"kpucprct,p}{c co "cncprct,p,"xg"twkpw" {c co rct,p,"qno uw" "gvrng{gp"dÄ± Än'qr{ rctf,t0Chgvrt."kpucp'nc{pcnm,"qndkreg k' kdkf q cp,p'qnc cp" ug{tkf, ,pf cnk'dÄ± Än'f g k ko rgt'pgvlegulpf g'f g'i gt±gmg gdko gmgf k0Chgvrtkp'ugdgr "qrf w wuqtwpct" i 3/4 3/pÄpg'cnpf, ,pf c'ucf geg'hk knugr' t qdrgo rgtk'kcf g'gvo gni'gmkn'dk'f g' gtrgpf k'o g'qncem,t0Chgvrt." kpucp" {c co ,p,p" h'k knugr' {3/pÄp'Ä' dct,po c"xg" {c co ,p" uÄf Ä'Äo guk' pqmcu,pf c" n'lkkn' cncprctf cp" gvrngtngp"kpucprct,p" f w'i w'f wto rct,p,"f c"qno uw" "gvrng' gmgf k0'Chgvrt"uqptcu,"±gxtgugn"uqu{cn" gnapqo knxg'r qrkkn' k'k ko rgt'chgvrtkp'gvrng'g'p'c' c'lpf k'o g{k'j' gf ghr' gmg'xg'uqu{cn'w' wo c'f c{cn" i k'k ko rgt'f g'f w'i wucn'±3/mÄp'Ängt'p'3/pÄpg'i g±o g{k'co c±ro cmcf,t0'

Dw' vÄ' i k'k ko rgt'p" vco co , "f gr tgo "uqptcu,pf c" o gtn'g' k' mwtwo rct" xg" {gtgr' {3/pgvko rgt" vctch,pf cp" Ävngprktngp"ukxki'vqr nwo "i 3/pÄÄngt'p'k'f g'f g'vngmg'p'k'i 3/4 "ctf, "gvo go gni' gtgnk0" | gvrng'uqu{cn' j k' o gv'cncp,pf c" {cr,ncp"±cn o c'rt'f gr tgo kp'f w'i wucn' {,mpv,rct,p,"i k'f gto g{g" {3/pgvkn'qno cmcf,t0'Dw' vÄ' w'i wro c'rt,p" i gpgf g'j cmi'pgl f'lpf g'xg"3/4 grf g'ug±o g'p'k' dcm "c±,u,pf c" f g' gtrgpf k'ko guk' dk" {cpf cp" o gtn'g' k' mwtwo rct,"f k' gt" {cpf cp" f c" {gtgr' {3/pgvko rgt'k'i Äpf go kp" o gtn'g' k'p'v ,o cmcf,t0'Chgv' uqptcu,"ug±o gprgt'p'f w'i w' {q w'pnmct,p,p"qno uw" "{3/pÄ'f Ä' Äp'Äf Ä' Äpf g'chgv'uqptcu," {3/pgvko rgt'p' dc ct,u," {c'f c"dc ct,u, n ,p,p"ug±o gprgt'p'vgtel' rgt'p'f g'gvrng'qrec , "3/pi 3/4 Äo Ä' "xg"dw'f q' twmf c" ucj cf cp'grf g'gf k'p'xg'gt'g'f c'cn' dk"±cn o c'i gt±gmg v'k'ko k' v'k0'

"V©D VCM'442; "C'r tqlgrgt'k'vctch,pf cp'f g'vngmg'p'r tql'g'k'g'f gr tgo f gp'gvrng'p'p'ug±o gprgt'p'f w'i w' f wto rct,"k'g'q' "vgtel' rgt'k'ctcu,pf cnk'k'k' nk'p'egngpo k' v'k0'Dw'±cn o c'pgvlegulpf g'f q' cn'chgvrt'k' {c c'cp" ug±o gprgt'p'dÄ± Än'v'cxo c'rt" {c c'f , , "xg"i gprg'qrcten'dw'v'cxo c'rt,p" c'v'v,m cu,pf c"j cpi k'r ct'v'ngt'p' f c'j c'gvrng'k'±3/4 Äo rgt'k'i g'v'g'eg' k'p'f c'k' dk'f Ä' Äpeg'g' {3/pgrf k'ngt'k'v'p'w'epc"xct,m , v,t0""

**Anahtar Kelimeler:** Chgv.'Ug±o . 'F gr tgo . 'F w'i w'ct. 'Q' { 'Vgtel' rgt'k'

#### ABSTRACT

F kucvgtu'ctg'o clqt'gxgpw'v'j cv'qewt'rcti gn' "wpzr' gev'f n' "cpf "cf xgtugn' "chgevr' gqr ng'u'rxk'p' "ur ce gu" cpf "tqw'k'p'g'rxgu'F kucvgtu'o c' { "dg"j wo cp/lpf veg' "qt" o c' { "qewt"cu" c' "tguw'q'h' o clqt" i gqi tcr j kecn' ej cpi gu'q'w'k'f g'v'j g'qt'f k'pct { "eqwtug"qh'p'cw'tg0'Eq'p'k'f g'k'p' "v'j g'r t qdrgo u'ecwug'f "d' { "f kucvgtu. "k'y' qwf " dg'cp'k'p'eqo r'ngv'g'x'cn'v'k'p'v'q'gzr' t'gu'q'pn' 't' j { ulecn' t qdrgo u0Y j k'g'f kucvgtu'chgevr'v'j g't j { ulecn'ur gev' q'h'j wo cp'rk'g'k'p'v'gto u'q'h'uj gngt" cpf "mq' k'v'ku"p'v'gto u'q'h'uw'v'k'p'p' "rk'g. "v'j g' { "cnuq'pgi cv'x'gn' { "chgevr' r'gqr ng'u" go q'k'p'cn'luc'v'gu'0'G'p'x'k'q'po gp'v'cn' u'q'ek'cn'ge'q'p'qo k'e'cp'f 'r' q'rk'ke'cn'k'p'k'v'x'g'u'ch'ngt'f kucvgtu'c'ko "v'j

± 'Dw'±cn o c'V©D VCM'442; "C'r tqlgrgt'k'pgvlegulpf g'j c'j ,trcpo , "xg'gt'k'k'±gto gmgf k0'  
± 'Vj k'u'w'w'f { "eqv'k'p'u'f cv'r' tgr ct'gf "cu" c' "t'guw'q'h'VWDK/CM'442; "C'r tqlgew0'

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

o kpo k g" v j g" ko r cev' qh' f kucvgtu" cpf " uqecni' eqj gukp/ dcugf " kpkkcxgu" cko " vq" r t g x g p v' go qvqpcn' dt g c n f q y pu'

Y j k r g" c m' q h' v j g u g' k p k k c x g u' c t g' w p f g t v c n g p' d { " e g p v c n' k p u k w k q p u' c p f " n e c n i' q x g t p o g p u' c h g t' v j g' g c t v j s w c n g. " v j g' u w r r q t v' q h' e k k n i' u q e k g v' " x q n w p v g g t u' u j q w f " p q v' d g' k i p q t g f 0' k p' r c t v e w r c t. " u q e k n i' u g t x l e g' c e v k k l g u' c t g' c k o g f " c v' g r i o k p c v k p i " v j g' g o q v k p c n i' f g x c u v c k q p' q h' v j g' g c t v j s w c n g 0' v j g' g x c n w c k q p' q h' u w e j " r t c e v l e g u' d { " v j g' r w d i l e " k p' i g p g t c n' c p f " d { " v j g' x q v g t u' k p' r c t v e w r c t' d t k p i u' e g p v c n' k p u k w k q p u' q p' v j g' q p g' j c p f " c p f " n e c n i' q x g t p o g p u' v q' v j g' e g p v g t' q h' v j g' c i g p f c' q p' v j g' q v j g t 0' E q p u k f g t k p i " v j g' p g i c v k x g' u k f g' q h' v j g' g o q v k p c n i' k p v g p u k f' q h' v j g' x q v g t u' c h g t' v j g' f k u c v g t. " k' y c u' r t g f l e v g f " v j c v' v j g' u w e e g u u' q t' f c k n w t g' q h' v j g' r q u v' f k u c v g t' c f o k p k n t c v k q p u' y q w f " d g' g h g e v k x g' q p' v j g' r t g h g t g p e g u' q h' v j g' x q v g t u' c p f " c' u w f { " d c u g f " q p' v j g' f c v' q d v c k p g f' h t q o " v j g' h g n f' y c u' e c t t k g f' q w' l p' v j k u' f k g e v k q p 0'

"Y k j " v j g' r t q l g e v' u w r r q t v g f' d { " V W D K / C M 4 4 2; " C' r t q l g e w. " v j g' t g r v k p u j k r " d g y g g p' v j g' g o q v k p c n i' u c v g u' q h' v j g' x q v g t u' c h g e v g f' d { " v j g' g c t v j s w c n g' c p f " v j g' k t' x q v k p i " r t g h g t g p e g u' y c u' g z c o k p g f 0' C u' c' t g u w n' q h' v j k u' u w f { . " k' y c u' e q p e n w f g f' v j c v' x q v g t u' y j q' g z r g t k g p e g f' p c w t c n i' f k u c v g t u' g z r g t k g p e g f' i t g e v' t c w o c u' c p f' v j c v' v j g u g' t c w o c u' i' g p g t c m f' r w u j " x q v g t u' v q' v j k p m' c d q w' y j l e j " r c t v k u' y k n i j c x g' c' o q t g' j g c r k p i " g h g e v 0' ""

**Keywords:** "F k u c v g t. " G r e v k q p. " G c t v j s w c n g. " G o q v k p u. " X q v k p i " E j q l e g u"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### AFET BÖLGESİNDEKİ SEÇMENİN YEREL YÖNETİMLERİ DEĞERLENDİRME ÖLÇÜTLERİNE YÖNELİK BİR SAHA ÇALIŞMASI<sup>32</sup>

#### A FIELD STUDY ON THE EVALUATION CRITERIA OF LOCAL GOVERNMENTS BY VOTERS IN DISASTER REGIONS

Doç. Dr. Haluk YAMAN<sup>11</sup>

Mert CAN<sup>12</sup>

#### ÖZET

Dw'±cn o cp,p"vgo gn'co ce., "f go qntc'vni'u'g+rgtkp" gnknrgpo gulpf g" {gtgn' {3/4pvgko rgtkp"tqn'p'xg"chgv' d3/4i grtkpf gnk' ug±o gp" f cxtcp, rct,p, " cpnci' xg" f g grtkpf ko gmk'0' Dw' ±cn o cp,p" {3/4pgo k' f gtrkpf go gulpg'o 'ncv' gmkpf g'r rncpco , vto[ 'Ä' {Ä' g'i 3/4Ä o grtkp'xg" {ct, " {cr ,mpf ,t,m , "i 3/4Ä o g" hqto w'rc'r rncpco'p'o 'ncv' rct'i gt±gmg v'kno k v'k0Dw'dc rco f c"VOD VCM'442; 'C'r tqlguk'vctch,pf cp" f guvgmgpo k " qrcp" dw' ±cn o cf c" km' qrcem" {gtgn' {3/4pvgko rgtkp" f go qntcuklp" i 'Ärgpo gulpg" xg" nev, no e,n ,p'ctv,t,m cu,pc'pcu,nhcv'm'uc rcf , ,p,p'rkgtcv'Ä'cpcrk' 'gf kno k v'k0Cxtw'c'f c'dc r'cp" {gtgn' {3/4pvgko "tghqto rct,pf cp"gf klp'gp" f gpg' ko rgt. "VÄnk' gf gnk' {gtgn' {3/4pvgko rgtkp" gxtko k'xg" f go qntc'vni' u'g+rgtkp'hevnrct, 'f c'rkgtcv'Ä'ctc v'to cu, 'pgv'gukpf g'qtc {c'nqpw w wt0Ctf ,pf cp. "VÄnk' gf gnk' {gtgn' {3/4pvgko rgtkp"3; : 4"Cpc {cucu, "±gt±gxgukpf gnk' {cr ,u,p, "xg"ug±ko "u'g+rgtk'gng"cnpctcm"ug±o gprtkp"q" { xgto g'f cxtcp, rct,p, 'gmk'gp' hcm'4 rgtk'p'egmgpo k v'k0Ug±ko "f 3/4pgo k'uk' cucn'f cxtcp, "cn ncpn ,.nev, " gupgn'xg"i g' gp"uk' cucn'vtekl rgtkp" {cp, "u,tc"ug±ko "f 3/4pgo k'f , ,pf cnk'uk' cucn'f cxtcp, "cn ncpn,rct, " Ä g'rkpf g'f v'wwo w wt0Rtqlgpkp"dk' f k gt'3/4pgo r'k'dq {ww'kug'chgv'd3/4i grtkpf gnk'ug±o gp" f cxtcp, rct,p,p" cpcrk' 'gf kf k k'mu, o f ,t0'Chgv'd3/4i grtkpf g" {c c {cp"ug±o gprtkp"vtekl rgtk" {gtgn' {3/4pvgko rgtkp"chgv'gtg" j c| ,t" qm c'f v'wwo w" o Ä'cj crg" {gvgp'gmtk'xg"chgv' uqptcu, "v'rc'ctrcpo c" u'g+rgtk' Ä g'rkpf gp" cpcrk' rgt" i gt±gmg v'kno k v'k0' D3/4 rgeg" {gtgn' {3/4pvgko rgtkp" chgv'gtg" net , " r'gthqto cpurct,p,p" ug±o gp" vtekl rgtk' Ä g'rkpf gnk'g'v'k'rk'p'kf g grtkpf k'egng'g'Grc| , 'k'rkpf gnk'f go qntc'vni'u'g+rgtkp'pcu,n' {cpu,f , ,p, 'cpnci' c {c" ±cn cec , |0' Gf g" gf k'gp" dwi v'wwo,p" {gtgn' {3/4pvgko rgtkp" i 'Ärgpf k'kno guk' xg" f go qntc'vni' u'g+rgtkp" k'kg v'kno gulpg" {3/4p'g'knf g g'rk'hevnrct'uc rcf , ,3/4i 3/4Äo gm'gf k0

Anahtar Kelimeler: 'Chgv'D3/4i guk'Ug±ko . [ gtgn' 3/4pvgko rgt"

#### ABSTRACT

Vj g'o ckp'r vtr qug'qh'vj ku'uwwf { "ku'v'wpf gtucpf "cpf "gxcnvcg'vj g'tqng'qh'rqecni' qxgtpo gpw'lp'uj cr kpi " f go qetcv'e'r tqeguugu'cpf "xqvt'dgj c'xkqt'lp" f kucvgt'ctgcu0'Vj g'o gvj qf "qh'vj ku'uwwf { "ku'r rncp'gf "cu'lp/ f gr vj " k'p'v'x'k'gy u0' H'ceg/vq/h'ceg" k'p'v'x'k'gy u" cpf " ugo k'utvewt'gf " k'p'v'x'k'gy " hqto u" y g'g" wug'0' k'p" vj ku' eqpv'z'v'vj ku'uwwf { .uwr r'qt'v'f "d { "VWDK/CM'442; 'C'r tqlg'ev.'h'ku'v'cpcn' | gf "vj g'rkgtcwtg"qp"j qy "rqecni' i qxgtpo gpw' eqpv'k'dwg" vq" utgpi vj g'kpi " f go qetce { "cpf " k'pet'g'cukpi " r'ctv'ekr'cv'k'p'0' Vj g" g'zr'gt'k'p'egu" i c'k'p'gf "h'qo "vj g'rqecni' qxgtpo gpv't'ghqto u'vj cv'v'ct'v'f "lp" G'wt'qr g. "vj g'g'x'q'v'k'p'qh'rqecni' qxgtpo gpw'lp" V'v'ng { "cpf "vj g'k' eqpv'k'dw'k'p"vq" f go qetcv'e'r tqeguugu'y g'g" cnuq"tgx'g'c'rgf "cu" c't'gu'v'v'qh'vj g'rkgtcwtg" t'gug'ctej 0' Vj gp. "vj g' utvewt'g"qh'rqecni' i qxgtpo gpw'lp" V'v'ng { "y k'j'lp" vj g' h'co gy qtm'qh' vj g" 3; : 4" Eqpv'k'w'k'p'cpf "gr'ev'q't'cn'r tqeguugu'ct'g'f k'ue'w'ug'f "cpf "vj g'h'ce'v'q'tu'ch'g'ev'k'pi "vj g'x'q'v'k'p' "d'gj c'x'k'q't'qh'x'q'v'tu" ct'g'z'co k'p'gf 0'R'q'k'le'cn'd'gj c'x'k'q't'j c'dku'f v'k'p'i "vj g'gr'ev'k'p'r' g'rk'q'f . 'tki k'f . 'h'rg'k'd'ng'cpf "k'k'p'g't'cp'v'r' q'k'le'cn' r' t'gh'g't'p'egu"cu"y g'm'cu'r' q'k'le'cn'd'gj c'x'k'q't'j c'dku'q'w'uk'f g" vj g'gr'ev'k'p'r' g'rk'q'f "j c'x'g" d'ggp" go r'j c'uk' g'f 0'

<sup>32</sup>Dw'±cn o c"VOD VCM'442; 'C'r tqlg'rk'p'g'v'g'ul'p'f g'j c| ,trcpo , "xg'rk'g't'k'g'to gm'gf k"

<sup>33</sup>" F q±0' F t0' ." H'ctv' 'Op'k'g't'uk'g'uk' DH" Uk'cug'v'D'rk'o k'xg" M'co w' [ 3/4pvgko k' D3/4Äo Ä" j {co cpB h'ct'v'g'f v'öt. " 72759: 5844. '2222/2223/8758/; 264"

<sup>34</sup>"Nkucpu" t'g'pek'k'ctc v'to ce., 'H'ctv'Op'k'g't'uk'g'uk' DH"Uk'cug'v'D'rk'o k'xg" M'co w' [ 3/4pvgko k'D3/4Äo Ä"

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Cpqj gt'ko r qtvpv'f ko gpukqp"qh'yj g'r tqlgev'ku'yj g'cpcn' uku'qh'xqvt "dgj cxkqt"kp'f kucvgt "ctgcu0Cpcn' ugu" y gtg" eqpf wevgf "qp" yj g' r tghgtgpegu"qh' xqvtu" rixkpi "kp" f kucvgt "ctgcu. "nqecni i qxgtpo gpvu" f kucvgt " r tgr ctgf pguu. "tgr qpug" ecr cdkrkkgu" cpf "r quvf kucvgt "tgeqxt { "r tqeguugu0Vj wu. "y g'y kni'gxcnvcg" yj g' ghgeu"qh'nqecni qxgtpo gpvu" r gthqto cpeg"ci ckpu'f kucvgtu"qp"xqvt" r tghgtgpegu"cpf "t { "vq"wpf gtucpf " j qy 'k'ku'tghgevgf "qp" f go qetcvle" r tqeguugu'kp'Grc | , 'r tqxlpeg0K'ku'gpxkuci gf "yj cv'yj g'hkpf kpi u'qdvckpgf" y kni'o cng"xcnvcdrq"eqpvtkdwkqpu"vqy ctf u'utgpi yj gpkpi "nqecni qxgtpo gpvu"cpf "ko r tqxlpi "f go qetcvle" r tqeguugu0"

**Keywords:** "F kucvgt "T gi kqp. "Ggevkqp. "Nqecni qxgtpo gpvu"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### BİYOSENTEZLENMİŞ GÜMÜŞ NANOPARTİKÜLLERİNİN CR(VI)'NİN KOLORİMETRİK TESPİTİNDE KULLANILABİLİRLİĞİNİN ARAŞTIRILMASI INVESTIGATION OF THE EMPLOYABILITY OF BIOSYNTHESIS-ASSEMBLED SILVER NANOPARTICLES IN COLORIMETRIC DETECTION OF CR(VI)

Deniz UZUNOĞLU DOĞRUYOL<sup>1</sup>

<sup>3</sup>F t 0'O gt ukp ©pkxgt ukxguk "O Āj gpf kurknHcnĀnguk "Mko {c "O Āj gpf kurk k'D³/4Āo Ā "O gt ukp. "VĀt nkġ gO'

<sup>3</sup>QTEKF "KF <j wr u-Ālqt ekġ Qti I222/2223/; 928/525Z"

Gaye KARA<sup>2</sup>"

<sup>4</sup>O gt ukp ©pkxgt ukxguk "O Āj gpf kurknHcnĀnguk "Mko {c "O Āj gpf kurk k'D³/4Āo Ā "O gt ukp. "VĀt nkġ gO'

<sup>4</sup>QTEKF "KF <j wr u-Ālqt ekġ Qti I222/2225/5: 56/: 7; 2"

Şükrü KÜCCÜK<sup>3</sup>"

<sup>5</sup>O gt ukp ©pkxgt ukxguk "O Āj gpf kurknHcnĀnguk "Mko {c "O Āj gpf kurk k'D³/4Āo Ā "O gt ukp. "VĀt nkġ gO'

<sup>5</sup>QTEKF "KF <j wr u-Ālqt ekġ Qti I222;/2222/; 89;/838Z"

Ayla ÖZER<sup>4</sup>

<sup>6</sup>Rt qI0F t 0'O gt ukp ©pkxgt ukxguk "O Āj gpf kurknHcnĀnguk "Mko {c "O Āj gpf kurk k'D³/4Āo Ā "O gt ukp. "VĀt nkġ gO'

<sup>6</sup>QTEKF "KF <j wr u-Ālqt ekġ Qti I222/2224/9: 46/45: Z"

#### ÖZET

Et\***XK**: "uwhe {pcmet,pc"gpf Āmtkġ grġcv,met" {qmwġ r"dwrc cdko gmg"qmw. "¼ grnkmg"ftk'vcdemco c."b gvcn' ner mco c." dq{c" xg" r ki o gpv' gpf Āmtkġgtkġpf g" {c{i ,p" qrtcnġ mwrp,m cmcf,t0' Dw' pgf gprg." Et\***XK**" nqpwco kpcu{qpwpwp"vgur kv'gf ko guk'xg"vcnkġk'±gxtgugn'xg"kpucp"uc n , "c±,u,pf cp"qrf wnc"¾pgo "ct| " go gmgf k0' Et\***XK**" vgr kk' i grgpgrgn' qrtcnġ ur gmtqhqvo gvk" cvqo kn' cduqtr ukġ qp" ur gmtqunqr kuk" kpf Āmki'g rg o k "r m| o c "nĀng"ur gmtqo gvguk'xg"xqnco gvk'i kdk'vgnpkmg"mwrp,rtcnġ {cr ,m cmcf ,t0' Dw' {¾pgo rgt " { Āngmġj cuucukġ gv'xg'f q t wmwġlwo cmc "dkrkmg"o crkġ gvk'heto c ,mġkġ c| rct'xg'w| o cpnġ i gt gmkto gmg"xg"cpcrikġ "uĀtg+ngk'w| wp"uĀtgdko gmgf k0'Dw'pgf gprg"uqp" | co cprctf c"dcuk'w| i wro c." dcuk' vgnpkm" f Ā Ām' o crkġ gv."kġ k'ug+lekrm" j , | n "uqpw±. { Āngmġj cuucukġ gv."f q twf cp" i ¾ugn'cni , "i kdk' ¾ grnkmg'g'ucj kr "pcpqugpu¾ngt" Ā gt kpg"qf cmcp,m , vt0'Dwprct'cteu,pf c'i Āo Ā "pcpqr ctvknĀngt." Et\***XK**" vgr kġpf g"qrf wnc"wo w'xg'lek'k'cngtpevkh'upcet0'Dw'dem "c±,u, {r"dw±cn o c "uwm±¾ gnkġ g"Et\***XK**" kġ qprct,p,p"vgur kġpf g"nwrp,m cmġ Ā gt g"lpf ki g {lek'clep"qrtcnġcv,mġdtqnrk' {cr temet,p,p"nwrp,rf , , " dkġ qugpvg| " {¾pgo k' kg" i Āo Ā " pcpqr ctvknĀngt " \*Ci P Ru+ ugpgġ ngpo k " xg" netcmgtġ cu{qpw' i gt±gmg vtko k vto'Ugpgġ ngpgp"Ci P Ruġlp"netcmgtġ cu{qpw±cn o cmct,"ner uco ,pf c"UGO "kg" { Ā g { " netcmgtġ cu{qpw."GF Z "kg"grgo gpvgn'cpcrikġ "xg"ZTF "kg"ntkvcn'hc| kpegrgo gukġ gt±gmg vtko k vto'UGO " cpcrkġ kpf g"Ci P Ruġlp"mĀt gugn' {cr ,f c"qrf wnc, "xg"qtvero c'r ctvknĀndq { wwpwp"450507074"po "qrf w w' vgr kv'gf ko k vto'GF Z "cpcrkġ kpf g"Ci P Ruġlp" c| cmcp"u,tc {r "Ci \* 6307+ "E" \* 4909+ "Q" \* 3805+ "En' \* 80 : + "P" \* 80 8+ "xg"U" \* 3063+ "grgo gpvgtkpk'k+gtf k k'dgrkrngpo k vto'ZTF "cpcrkġ kpf g"kg"Ci P Ruġlp" { Ā g { "o gtnġ ik' mĀdkm'ntkvcn' {cr ,u,pc"ucj kr "qrf wnc, "i ¾ Āo Ā "qmw. "dwpwp" {cp, "u,tc" qmukrgpo k " i Āo Ā vgp"xg"dkġ qugpvg| f g"nwrp,m "dknk'gmstcm,pf cp"ne {pcmcp"qti cpmġdkg knngt g'p"xg"co qth' hc| rctf cp'he {pcmcp"t kmgt'f g'i ¾ ngpo k vto'Y cn o cp,p'dk' uqptenkġ co cu,pf c"Ci P Ruġlp"Et\***XK**,p" nqmqtko gvk'vgr kġpf g"nwrp,m,rdkkrk k'ctc vt,m , "xg'dw'her uco f c"Et\***XK**,p"nqmqtko gvk'vgr kġk'k'p" qr vto wo "Ci P Ru"ugpgġ "nq wnc, "70' o "Ci P Q5' f gk'ko k'70' o N'cv,mġdtqnrk' {cr tc , "gmstcm,xg"47" 9E"u,ecm,nġqrtcnġdgrkrngpo k vto'Dgrkrngpg"qr vto wo "nq wncf c"30'rro ."70'rro "xg"32'rro "Et\***XK**" ±¾ gnkġgt'xctn ,pf c"Ci P Ruġlp" WX/xku"ur gmtqhqvo gvguk'kg"622/3222"po "f cni cdq {w'cten ,pf c" ur gmtwo "vctco cu, "i gt±gmg vtko k vto'Dwpc"i ¾ g=Ci P Ru"672"po ø g"netcmgtkukm' { Ā g { "r m| o qp"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

tgl qpcpu" r knk" \* urt+øpg" ucj kr ngp." hctm, f gk ko rgtf g" Et\*XK" gmgpo guk' kr" 7Ø" f m' k-gtkulpf g" dw' netcmgtkukn' urt" r kn' kf f gvkp" Et\*XK" f gk ko k' kr" f q tw' qtcv,n" qrcem' gmkf g" c| cfr, , " vgr kv' gf kro k vt0D¾ rgrkmg." Ci P Ru'kr'ngmtko gvkniEt\*XK"vgr kkp"u,h,t" f g gtrkmi" Ci P Ru" Ci ²+kr'Et\*XK" k| qprct, "ctcu, pf cnk'tgf qmu'tgcmuk| qpw'kr" i gt+gmg vk k'dgrkrngo k vt0Dwpc" i ¾g=dw'tgf qmu'tgcmuk| qpw' Ci P Ru" { Å g| kpf g" dwwpcp" i Åo Å "cvqo rct,p,p" qmukrngo gulg" xg" c{p, | co cpf c" Et\*XK" k| qprct,p,p" kpf ki gpo gulg" { qn' c±ct0 D¾ rgeg." Et\*XK" k| qprct, " Et\*KK" i kdk' f c j c" f Å Ån' f g gtrkmi" hqto rctc" kpf ki gpkngp." Ci P Ru" { Å g| kpf gnk'cvqo rct" Ci \*K'k| qprct,pc" f ¾p Å gtgn±¾ Åpo g{g'dc rct0Dw±¾ Åpo g" uÅgek" Ci P Ru'kp'netcmgtkukn' urt" r kn' kf f gvkp" c| cm cu, kr' i ¾ rpk0% cn o cp,p' uqp" c co cu, pf c' lug" ngmtko gvkniEt\*XK"vgr kkp' g' Ci P Ru'kp' o loko wo "vgr k/vu,p,t, \*NQF +dgrkrngo k "xg'ug-lekmi¾ gnk k' ctc vt,m , vt0Dw'ner uco f c." ugru¾ w| i wco crct, pf c" ¾pgo r' dkt" r cto gvtg' qncp" NQF "f g gtk'2017/7Ø" ÜO "f gk ko 'ctcn , pf c" 2Q 3" ÜO "qrctm'vgr kv'gf kro k vt0Ugpgv| rpgp" Ci P Ru'kp' NQF "f g gtrkmi" Å f g" dw'crpf c" mwrp, rcp" ugru¾ rgt" kr' net , r vt, rf , , pf c" m{ curpcp" ugru¾ rgt" kr' tgnedgv' gf gdkk' ¾ gnkmg" qrf w w' dgrkrngo k vt0 C { t, ec." ngmtko gvkniEt\*XK" vgr kkp' g" ugru¾ "qrctm' mwrp, rcp" Ci P Ru'kp' ug-lekmi¾ gnk k' ctc vt,m , "xg' M\* K. O i \*K. E c \*K. D c \*K. H g \*K. H g \*K. E q \*K. P k \*K. \ p \*K. J i \*K. " Rd \*K. " Et \*K. i kdk' ±g k' k' k' qprct, p" { ¾pgo g" j gtj cpi k' dkt" gmk' ko f g" dwwpcp cf , , "vgr kv' gf kro k vt0 Uqpw±" qrctm' g' f g' g' kr' p" dwi wct" dw ±cn o cf c" dk' qugpgv| rpgp" Ci P Ru'kp' " Et \*XK' kp' ngmtko gvkni vgr kkp' g' gnk' dk' ugru¾ "qrctm' mwrp, rcdkrgeg k' ki ¾ rgtto k vt0

**Anahtar Kelimeler:** I Åo Å "pcpqr ct vkr'ngtk' dk' qugpgv| ." cv, m' d' t' q' n' r' k' { cr tcmct, . " ngmtko gvkniEt\*XK" vgr k' k' "

#### ABSTRACT

Et\*XK" ecp" eqpwo kpcv" y cvgt " tguqwtegu" y tqwi j " kpf wutkni' y cvgu" cpf " ku" y kf gn' " wugf " gur gekm' " kp" rgyj gt " vcpkpi . " o gvcn' r ncvkpi . " r ckv' cpf " r ki o gpv' kpf wutknu0 Vj gthgtg. " f gvevqp" cpf " o qpkqtkpi " qh' Et\*XK" eqpwo kpcvqp" ku" xgt { " ko r qt vcp' hqt " gpv' k' qpo gpvcn' cpf " j wo cp" j gcnj 0' Et\*XK" f gvevqp" ku" eqpxgpv' kpcm' { ecttkgf " qw' wukpi " vgej pls vgu' uvej " cu' ur gevqr j qvqo gvt { . " cvqo ke' cduqr vqp' ur gevqeqr { . " kpf vevxgn' " eqw' rgt " r rnuo c" o cu' ur gevqo gvt { " cpf " xqnc o gvt { 0' Cnj qwi j " vj gug" o gvj qf u' qhgt " j ki j " ugpukxkv' " cpf " ceewtce { . " vj g' " tgs vkt g" equv' . " eqo r ryz " f gxlegu" cpf " cpcn' uku" r tqeguugu" ecp" dg' rpi 0' Vj gthgtg. " tgegpv' . " hqewu" j cu' dggp" qp" pcpqugqu' y kj " hgcwtgu" uvej " cu' uko r ng" cr r rlevkqp. " uko r ng" vgej pls wg. " ny " equv. " i qaf " ugrv' xkv' . " hcv' t' guwuu. " j ki j " ugpukxkv' " cpf " f k' gev' xkuvcn' r gtegr vqp0 Co qpi " vj gug. " ukxgt " pcpqr ct vkr' qhgt " c' xgt { " r tqo k' k' p' " cngt pcv' xg' kp' vj g' f gvevqp " qh' Et \*XK' Hqo " vj ku' r k' p' qh' xky . " kp' vj ku' uwf { . " ukxgt " pcpqr ct vkr' \* Ci P Ru- " y gtg' u' p' vj guk' gf " d { " dkqu { p' vj guku" o gvj qf " wukpi " y cvg' dt qeeqr' r gcv' cu' t' gf vevkpi " ci gpv' v' q' dg' wugf " kp' vj g' f gvevqp " qh' Et \*XK' k' p' u' kp' " cs vgw' u' qn' w' k' p' " cpf " vj gk' " ej ctcevgtk' v' k' p' y cu' ecttkgf " qw' 0' Y kj kp' vj g' ueqr g' qh' ej ctcevgtk' v' k' p' uwf lgu' qh' u' { p' vj guk' gf " Ci P Ru. " uwt' h' eg' ej ctcevgtk' v' k' p' d { " UGO . " grgo gpvcn' cpcn' uku' d { " GF Z " cpf " et { uvcn' j cu' g' zco k' p' v' k' p' d { " ZTF " y gtg' ecttkgf " qw' 0' k' p' " UGO " cpcn' uku. " k' y cu' f' gvto k' p' gf " vj cv' Ci P Ru' y gtg' ur j g' t' k' ni' kp' " ut wewt g' " cpf " vj g' cxgtci g' r' ct vkr' " k' g' y cu' 45050704 " po 0' k' p' " GF Z " cpcn' uku. " k' y cu' f' gvto k' p' gf " vj cv' Ci P Ru' eqp' v' k' p' gf " Ci \* 63077+ " E \* 4909+ " Q \* 3805+ " E n \* 8Q : + " P \* 80 8+ " cpf " U \* 3063+ " grgo gpv' " kp' " f get g' c' k' p' i " qtf gt0' k' p' " ZTF " cpcn' uku. " k' y cu' d' ugt xg' f " vj cv' Ci P Ru' j cxg' c " h' eg' / egvgt g' " ewdle " et { uvcn' ut wewt g. " cpf " r gcm' qtki k' p' v' k' p' i " h' qo " qz' k' k' gf " ukxgt " cpf " qti cple " eqo r qwpf u' qtki k' p' v' k' p' i " h' qo " r rpv' g' z' v' ceu' wugf " kp' dkqu { p' vj guku' " cpf " co qtr j qw' r' j cu' g' y gtg' cnuq " q' d' ugt xg' f 0' k' p' vj g' pgz' v' uci g' qh' vj g' uwf { . " vj g' go r nq { cdkk' v' qh' " Ci P Ru' " kp' vj g' eqmtko g' t' k' e " f gvevqp " qh' Et \*XK' y cu' k' p' x' g' uki cvgf " cpf " kp' vj ku' eqpvz v. " vj g' qr v' ko wo " Ci P Ru' u' { p' vj guku' eqpf k' k' p' u' h' q' vj g' eqmtko g' t' k' e " f gvevqp " qh' Et \*XK' y gtg' f' gvto k' p' gf " cu' 7Ø " o O " Ci P Q5 " eqpegv' t' v' k' p' . " 7Ø " o N' y cvg' dt qn' q' r' k' h' g' z' v' t' cev. " cpf " 47 " q' E " vgo r g' t' c' w' t' g' 0' k' p' vj g' f' gvto k' p' gf " qr v' ko wo " eqpf k' k' p' u. " ur gev' t' o " uecpkpi " qh' " Ci P Ru' y cu' r' g' th' qto gf " kp' vj g' 622/3222 " po " y cxgrpi vj " t' cpi g' " kp' vj g' r' t' g' u' g' p' eg " qh' 3Ø " r' r o . " 7Ø " r' r o " cpf " 32 " r' r o " Et \*XK' u' qn' w' k' p' u " xlc " vj g' " WX / xku " ur gev' t' q' j qvqo gvt0 Ceeqtf k' pi n' . " y j kr' " Ci P Ru' j cxg' " ej ctcevgtk' uwt' h' eg' r' rnuo qp' t' guqpcpeg' r' gcmi \* urt + cv' 672 " po . " k' y cu' f' gvto k' p' gf " vj cv' y kj " vj g' cf f' k' k' p' " qh' Et \*XK' " cv' f' k' h' gt gp' v' eqpegv' t' v' k' p' u. " vj ku' ej ctcevgtk' uwt' h' eg' r' gcmi " urt " r' gcmi "

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

kpvgpukv{ "f getgcugf "y kj kp"70"o kp"kp"fkgevr"rtqrqtvkp"vq"vj g"Et\*XK"eqpegpvcvkp0'Vj wu."k'y cu" f gvgto kpgf "vj cv'eqmtko gvtle"Et\*XK"f gvevkp"y kj "Ci P Ru"qeewtg "vj tqwi j "vj g'tgf qz'tgcevkp"dgw ggp" | gtq/xcrpvc"i P Ru"\*Ci<sup>2</sup>+cpf "Et\*XK"kp'u0'Ceetf kpi n{="vj ku'tgf qz"tgcevkp"ngcf u"vq"vj g"qz'k'cvkq"qh" ukxgt"cvqo u"qp"vj g"Ci P Ru"uwtceg"cpf "cv'vj g"uco g"vko g"vq"vj g"tgf wevkp"qh"Et\*XK"kp'u0'Vj wu."y j kg" Et\*XK"kp'u0'ctg'tgf wegf "vq"nqy gt/xcrpvhqto u'uwej "cu"Et\*XK"vj g'cvqo u"qp"vj g"Ci P Ru"uwtceg"dgi kp"vq" f kuqrxg"d{ "wtpkpi "kpq" Ci \*K"kp'u0' Vj ku" f kuqrxkq" r tqegu" ku" qdugt xgf "d{ "vj g" f getgcug" kp" vj g" ej ctcevtkule" urt"r gcmkpvgpukv{ "qh" Ci P Ru0'kp"vj g"rcu'vuci g"qh'vj g"uwf { ."vj g'o kpo wo "f gvevkp"tko k' \*NQF +"qh" Ci P Ru"kp"eqmtko gvtle"Et\*XK"f gvevkp"y cu" f gvgto kpgf "cpf "ku"ugrgevkxk{ "y cu"kp'xguki cvgf 0' kp"vj ku'eqpvz.v"vj g"NQF "xcnwg."y j lej "ku"cp"ko r qtvcv'r ctco gvg'kp"ugpuqt"cr r n'ecvkpu."y cu" f gvgto kpgf " cu"20 3'ÜO "kp"vj g"eqpegpvcvkp"tcpi g"qh'2047/70'ÜO 0'Y j gp"vj g"NQF "xcnwg"qh'vj g"u{p'vj guk gf "Ci P Ru" y cu"eqo r ctgf "y kj "vj g"ugpuqtu" wugf "kp" vj ku"hgfr "kp" vj g"nkgtcwtg."k'y cu" f gvgto kpgf "vj cv'k'y cu" eqo r gvkxg"y kj "vj g"eqo r ctgf "ugpuqtu0'kp" cf f k'kq."vj g"ugrgevkxk{ "qh" Ci P Ru" wugf "cu" c"ugpuqt"kp" eqmtko gvtle"Et\*XK"f gvevkp"y cu"kp'xguki cvgf "cpf "k'y cu" f gvgto kpgf "vj cv'xctkqu"kp'u"uwej "cu" M\*K. " O i \*K. "Ec\*K. "Dc\*K. "Hg\*K. "Hg\*K. "Eq\*K. "Pk\*K. \ p\*K. "J i \*K. "Rd\*K. "Et\*K" f k' "pqv'kp'gtcev'y kj " vj g'o gvj qf 0'Cu" c'tguwv."vj g"hp'f kpi u"qdv'kpgf "kp" vj ku"uwf { "uj qy gf "vj cv'dkqu{p'vj guk gf "Ci P Ru"ecp"dg" wugf "cu"cp"ghgevkxg"ugpuqt"kp" vj g"eqmtko gvtle" f gvevkp"qh"Et\*XK0

**Keywords:** Ukxgt"p'cpqr ctv'ergu."dkqu{p'vj guk."y cuvg"dtqeeqik'hgxcgu."eqmtko gvtle"Et\*XK"f gvevkp0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### KOBALT KATKILI BAKIR-DEMİR İÇERİKLİ NANOPARTİKÜLLER KULLANILARAK NaBH<sub>4</sub>'ÜN KATALİTİK HİDROLİZİ İLE HİDROJEN GAZI ÜRETİMİ PRODUCTION OF HYDROGEN GAS BY CATALYTIC HYDROLYSIS OF NaBH<sub>4</sub> USING COBALT-DOPED COPPER-IRON CONTAINED NANOPARTICLES

Deniz UZUNOĞLU DOĞRUYOL<sup>1</sup>

<sup>3</sup>F t 0 "O gt ukp" ©pkxgt ukxguk "O Āj gpf kurknĤcnĀnguk "Mko {c "O Āj gpf kurk k'D<sup>3</sup>/rĀo Ā. "O gt ukp. "VĀt nkĤ gO'

<sup>3</sup>QTEKF "KF <j wr u<lqt ekf Qti I222/2223/; 928/525Z"

Güllü KAPLAN<sup>2</sup>"

<sup>4</sup>O gt ukp" ©pkxgt ukxguk "O Āj gpf kurknĤcnĀnguk "Mko {c "O Āj gpf kurk k'D<sup>3</sup>/rĀo Ā. "O gt ukp. "VĀt nkĤ gO'

<sup>4</sup>QTEKF "KF <j wr u<lqt ekf Qti I222; /2229/8; 72/7543"

Mahmut Tuna SEÇİLMİŞ<sup>3</sup>"

<sup>5</sup>O gt ukp" ©pkxgt ukxguk "O Āj gpf kurknĤcnĀnguk "Mko {c "O Āj gpf kurk k'D<sup>3</sup>/rĀo Ā. "O gt ukp. "VĀt nkĤ gO'

<sup>5</sup>QTEKF "KF <j wr u<lqt ekf Qti I222; /2226/85; 5/3478"

Berfin Başak<sup>4</sup>"

<sup>6</sup>O gt ukp" ©pkxgt ukxguk "O Āj gpf kurknĤcnĀnguk "Mko {c "O Āj gpf kurk k'D<sup>3</sup>/rĀo Ā. "O gt ukp. "VĀt nkĤ gO'

<sup>6</sup>QTEKF "KF <j wr u<lqt ekf Qti I222; /2224/5543/226Z"

Ayla ÖZER<sup>5</sup>

<sup>7</sup>Rt qĤOF t 0 "O gt ukp" ©pkxgt ukxguk "O Āj gpf kurknĤcnĀnguk "Mko {c "O Āj gpf kurk k'D<sup>3</sup>/rĀo Ā. "O gt ukp. "VĀt nkĤ gO'

<sup>7</sup>QTEKF "KF <j wr u<lqt ekf Qti I222/2224/9; 46/45: Z"

#### ÖZET

NkgtcvĀtf g"i Āpegn' qrtcnĤ j kf tqlgp"i cĤ, " \*J<sub>4+3</sub> Ātgvko k' hqvnevrĤk. "uwĤ wp" grgmtqrĤk k' xg" P cDJ<sub>6Āp</sub>" o gvcpqrĤ kj kf tqrk k' krg" i gt±gmg vt kro gmgf kO' Dw' {<sup>3</sup>pvgogrt" ctcu, pfc" P cDJ<sub>6Āp</sub>" j kf tqrk k' wĤ i wp" nq wrct'uc rcf, , pfc" {ĀmgnĤj kf tqlgp"Ātgvko "j, |, "xg", no n' tgcmlkĤ qp"nq wrct, "pgf gpkĤ rg"ctc vto ce, rct" vtch, pfc" qrf wrct" ki k' i <sup>3</sup>to gmgf kO' CpecnĤ P cDJ<sub>6Āp</sub>" ngpf k' ngpf kpg" j kf tqrk k' qrf wrct" {cxc " qrf w wpc" wĤ i wp" dkt" nvrĤk <sup>3</sup>4" kcxgukĤ rg" qf c" uecm, pfc" j, |, n" dkt" gnkf g" j kf tqlgp" Ātgvko k' {cr, rcdkro gmgf kO'Dw'pgf gprg" P cDJ<sub>6Āp</sub>" j kf tqrk k' krg" J<sub>4+3</sub> Ātgvko k' tgcmlkĤ qpwĤ k' wĤ i wrpccenĤ xgtko rk' nvrĤk <sup>3</sup>4" ctc {, rct, "j cngp" f gxc " gvo gmgf kO' [ cr, rcp" rkgctvĀt " vtco cu, "uqpwepfc" dw' ±cn o cfc" Eq" nevnm, 'EwHg' k' g' k' k' pcpqr ct vĤmĀngt "EqB EwHg' P Ru' k' p' ugpvgĤ rpo guk' xg' P cDJ<sub>6Āp</sub>" j kf tqrk k' krg" J<sub>4+3</sub> Ātgvko k' p' f g" j gvtqlgp" nvrĤk <sup>3</sup>4" qrtcnĤ f g gtrgpf k' k' g' d' k' r' k' k' ctc vt, m cu, " co c±rpo, vto' Dw' ner uco f c. <sup>3</sup>pegikmg" d' k' r' k' m" ±<sup>3</sup>4" vĤo g" {<sup>3</sup>pvgogrt k' rg' EwHg' P Ru' ugpvgĤ rpo k. "fcj c" uqptc", urcnĤ go f kto g" {<sup>3</sup>pvgogrt k' rg' EwHg' P Ru' p' g' Eq' nevnmro c' k' rgo ki gt±gmg vt kro k' vto' UgpvgĤ rpgp' Eq' nevnm, 'EwHg' k' g' k' k' pcpqr ct vĤmĀngt "EqB EwHg' P Ru' k' p' {cr, ucĤpcrkĤ k' her uco, pfc" UGO "ekj cĤ, "krg" {Ā g' {hctcmgtkĤ cu {qpw. " GFZ "cpcrkĤ k' k' k' g' rgo gpvgnĤ k' g' k' m' ctc vto cu, "xg" ZTF "ekj cĤ, "krg" k' g' "ntkucnĤ h" "cpcrkĤ k' {cr, m, vto' UGO " cpcrkĤ k' p' f g. "ugpvgĤ rpgp' EqB EwHg' P Ru' k' p' mĀngt" dgpĤ g' k' {cr, f c" xg" qtvcrco c" 830: 0 8" po "vcpgeknĤ dĀĤ ĀmĀ Āpf g" qrf w w' gur k' g' f k' k' vto' GFZ "cpcrkĤ k' p' f g' EqB EwHg' P Ru' k' p' mĀngt" 4: 047" qmĤkĤ gp. " ' 47045" dcmt. " 34088" f go k. " 2067" nqdcn' xg' gugt' o kmctrtf c' mĀmĀ v' xg' ±k' p' nq' k' g' f k' k' d' grk' rpo k' vto' ZTF "uqpwrtct, "kug" ugpvgĤ rpgp' pcpqr ct vĤmĀngt k' j go cvk' \* /Hg<sub>4</sub>Q<sub>5</sub>±" dcmt" qmĤk' \*EwQ±" xg" o gvrknĤ nqdcn" c' k' nctcmgtk' k' nĤ r' k' mgtk' k' g' f k' k' p' k' i <sup>3</sup>4" vto' k' vto' ¥ cn o cp, p" k' k' p' k' muo, pfc. " ugpvgĤ rpgp' EqB EwHg' P Ru' k' p' P cDJ<sub>6Āp</sub>" j kf tqrk k' k' k' J<sub>4+3</sub> Ātgvko k' p' g' Eq' nevnmro c" o kmct, "uecm, m" P cDJ<sub>6</sub>" f g' k' k' o k' nvrĤk <sup>3</sup>4" o kmct, "tgcmlkĤ qp" uĀt g' k' i k' k' k' ±g k' k' f' g' p' {ugr' nq wrct, p' g' n' k' k' ctc vt, m, vto' Dwpc" i <sup>3</sup>4" g' qr vto wo "f g' p' { "nq wrct, " : " \*y ly ±" Eq' nevnmro c. "47" "E" u, ecm, m" 20: "i lo N" P cDJ<sub>6</sub>" f g' k' k' o k'

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202389"i lo N"nevcnk ¾. "372"o kp"tgcmlk qp"uÄt guk"qmtcm'dgkrtgpo k vkt'0Dgkrtgpgp"qr vko wo "f gpg{ "nq wrct,pf c"J 4+ "Ät gko "o kmct, "5322"o N"qmtcm'vgur kv'gf kro k vkt'0Qr vko wo "nq wrctf c"grf g"gf krgp"J 4+ "Ät gko "o kmct, "rkgtcvÄt fgnk'f k gt "pcpqnevcnk ¾rgt"kg"met ,re vt,rf , ,pf c="dw±cn o cf c"ugpvgl rpgp"EqB EwHg"PRuölp"tgnedgv'gf gdlrk"ugxk'gf g"nevcnkml'cmkxkg{ g"ucj kr "qrf w w'dgkrtgpo k vkt'0Y cn o c" xgtkrgtkpf gp"grf g"gf krgp"dwi wrct="nÄt gugn',u,po c"dc v"qm cmlÄt gt g'dk±qm±gxtgugn'uatwpc"pgf gp"qrcp" xg'f qrc { ,u,{rc'kpuc'uc n ,pc' | ctct'xgtgp'hquk' | cmwrct,p' | gt'kp'c'rc'dkrgem' | gplrgpgdkrk'dk'tn {pcn'qrcp" J 4+ ,p,p"P cDJ 6Äp"nevcnkml'j kf tqrk'k'kg"Ät gko kpf g"EqB EwHg"PRuölp"gnkk'dk "nevcnk ¾" qmtcm' mwrp,rcdkreg kpk' ¾vgtg gmgf k0

**Anahtar Kelimeler:** j kf tqlgp'i c | , "Ät gko k"P cDJ 6"j kf tqrk'k'pcpqnevcnk ¾0

#### ABSTRACT

Kp"vj g"ewttgpv'rkgtcwtg."j {ftqi gp"i cu" \*J 4+ "r tqf wevkp"ku"ecttkgf "qw"xlk"r j qvqecvnc'uku."y cvgt" grgextqn'uku."cpf "vj g"o gj cpqn'ukulj {ftqn'uku'qh"P cDJ 6'0Co qpi "vj gug"o gj qf u."j {ftqn'uku'qh"P cDJ 6" cwtcew"i tgcv'cwgpvkqp"htqo "tgugctej gtu'f wg"v"ku"j ki j "j {ftqi gp"r tqf wevkp"tcvg"cpf "o kf "tgcvevkp" eqpf kkpqu'y j gp'uwkcdrg'eqpf kkpqu'ctg'r tqxkf gf 0J qy gxtg."ulpeg"vj g'ugrh'j {ftqn'uku'qh"P cDJ 6"ku's vkg" unqy .j {ftqi gp"r tqf wevkp"ecp'dg'f qpg'tcr kf n' "cv'tqqo "vgo r gtcwtg'y kj "vj g'cf f kkpq'qh'cp"cr r tqr tkvg" ecvnc'uv'Vj gtghqtg."vj g"ugctej "hqt"cp"gh'ekgpv'ecvnc'uv'hqt "vj g"P cDJ 6"j {ftqn'uku'tgcvevkp"v"r tqf weg" J 4+ "ku'uwml'qpi qkpi 0Hqmny kpi "c"eqo r tgj gpukxg'rkgtcwtg'tgxky . "vj ku'uwf { "clo u'v'u'p'vj guk'g'eqdcn/ fqr gf "eqr r gt/kqp"eqpvkpgf "pcpqr ctvengu" \*EqB EwHg"PRu+ "cpf "kpxguki cvg"vj gk"r qvqpvkn'cu" c" j gvtqi gpgqwu'ecvnc'uv'hqt"J 4+ "r tqf wevkp"xlk"P cDJ 6"j {ftqn'uku'0Kp"vj ku'eqpvzv."EqB EwHg"PRu'y gtg" hku'uv'p'vj guk'gf "vukpi "vj g'eq/r tgekr kcvkqp"o gj qf . "hqmny gf "d' { "eqdcn'fqr kpi "xlk"vj g'y gvko r tgi pcvkp" o gj qf 0'Y kj kp"vj g"ueqr g"qh'utwewtcn'cpcn'uku'qh"vj g"u'p'vj guk'gf "Eq/fqr gf "EwHg"pcpqr ctvengu" \*EqB EwHg"PRu+ "uwthceg'ej ctcevgtk'cvkqp"y cu'r gthqto gf "y kj "UGO . "grgo gpvnc'eqpvkpgv'tgugctej "y cu" r gthqto gf "y kj "GFZ" cpcn'uku"cpf "et { uvcn'r j cug" cpcn'uku"y cu"r gthqto gf "y kj "ZTF 0'UGO "cpcn'uku" tggcrgf "vj cv'vj g'u'p'vj guk'gf "EqB EwHg"PRu'y gtg'ur j gtlecn'rkng'kp'uj cr g'y kj "cp'cxgtci g'r ctveng'uk'g" qh'8307: Ö, 0 8'po 0Kp'GFZ "cpcn'uku."k'y cu'f vgtg kpgf "vj cvEqB EwHg"PRu'eqpvkpgf "4: 047" "qz {i gp." 47045' "eqr r gt."34088' "kqp."2067' "eqdcn'cpf "tceg"co qwpv'qh'uwhmt"cpf " | kpe"d' { "o cuu0ZTF "tguwmu" uj qy gf "vj cv'vj g'u'p'vj guk'gf "pcpqr ctvengu'eqpvkpgf "ej ctcevgtk'vke'r gcmu'qh'j go cvkg"\*/Hg4Q5+ "eqr r gt" qz'kf g" \*EwQ+ "cpf "o gvcnle"eqdcn'0Kp"vj g"ugeqpf "r ctv'qh'vj g"uwf { . "vj g'gh'gew'qh'xctkqwu"gzr gtko gpvnc' eqpf kkpqu"qp"J 4+ "r tqf wevkp"htqo "P cDJ 6"j {ftqn'uku"vukpi "vj g"u'p'vj guk'gf "EqB EwHg"PRu'y gtg" kpxguki cvgf 0'Vj gug"eqpf kkpqu"kpemf gf "eqdcn'fqr kpi "co qwpv."vgo r gtcwtg."P cDJ 6"eqpegp'tcvkqp." ecvnc'uv'co qwpv."cpf "tgcvevkp"vko g0Vj g"qr vko wo "gzr gtko gpvnc'eqpf kkpqu'y gtg'f vgtg kpgf "cu'hqmny u' : ' \*y ly + "Eq'fqr kpi . "c"vgo r gtcwtg'qh'47ÄE."P cDJ 6"eqpegp'tcvkqp"qh'20: "i lo N."ecvnc'uv'co qwpv'qh' 202389"i lo N."cpf "c"tgcvevkp"vko g"qh'82"o kpwgu'0Wpf gt"vj gug"qr vko wo "eqpf kkpqu"vj g"j {ftqi gp" r tqf wevkp"co qwpv'y cu'hqwpf "v'dg'5322"o N0Y j gp'eqo r ctgf "y kj "qyj gt'pcpqecvnc'usu'kp'vj g'rkgtcwtg." vj g"j {ftqi gp" r tqf wevkp" co qwpv' wpf gt" qr vko cn' eqpf kkpqu" kpf kcvgf " vj cv' vj g" EqB EwHg" P Ru" u'p'vj guk'gf "kp"vj ku'uwf { "gzj kdkgf "eqo r gvkkxg'ecvnc'vle"cevkk'0Vj g'hkp'kpi u'qdvkpgf "htqo "vj g'uwf { " fcv'uj qy "vj cvEqB EwHg"PRu'ecp'dg'wugf "cu'cp'gh'gew'v'g'ecvnc'uv'kp'vj g'r tqf wevkp'qh'J 4+ "c'tgpgy cdrg" uqwtg'vj cv'ecp'tgr meg'hquukihwgn'vj cv'ecwug'o cp' { "gp'xkqpo gpvnc'itqdrgo u."gur gekm' i mdcn'y cto kpi . " cpf "vj wu'j cto "j wo cp'j genj . "d' { "ecvnc'vle"j {ftqn'uku'qh'P cDJ 6'0

**Keywords:** j {ftqi gp"i cu'r tqf wevkp."P cDJ 6"j {ftqn'uku."pcpqecvnc'uv'0

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#### AMELİYATHANE HEMŞİRELERİNİN UYGULADIĞI HEMŞİRELİK BAKIMININ İŞ DOYUMU ÜZERİNE ETKİSİ THE EFFECT OF NURSING CARE PERFORMED BY OPERATING ROOM NURSES ON JOB SATISFACTION

Tenzile TOSUN

<sup>3</sup>J go ktg. "Ocngrg"©pkxgtukguk "Fkkr rkrptctcu, "J go kgrknCpcdkko "Fcn, "Egttcj kJ go kgrk k" [ Ānugmkucpu "Rtqi tco, ." ucpdwn "VĀtnk g0"

<sup>3</sup>QTEK "K <j wru<llqtekf Qti 1222;/2224/; 5: 9/8: 42"

Hatice ERDOĞAN<sup>2</sup>

<sup>4</sup>"Ft0 t0{/guk "Ocngrg"©pkxgtukguk "Fkkr rkrptctcu, "J go kgrknCpcdkko "Fcn, "Egttcj kJ go kgrk k" [ Ānugmkucpu "Rtqi tco, ." ucpdwn "VĀtnk g0"

<sup>4</sup>QTEK "K <j wru<llqtekf Qti 1222;/2224/; 5: 9/8: 42"

"

#### ÖZET

Dw'±cn, o c"co grk{c}vj cpg"j go kgrgtkpkp" w{i} wrcf, , "j go kgrkn'dcmo ,p,p" k "f q{wo w'Ā} gtlpg" gvnuk' dgrkngo gni' co ce, {re" O c{,u" 4245/G{nĀn' 4245" vctkj rgtk' etcu, pf c" 322" co grk{c}vj cpg" j go kgrk' krg" i gt±gmg vktkf k' Ctc vto c" xgtkrgt' O cto ctc" ©pkxgtukguk' Rgpf kn' GCJ " co grk{c}vj cpgukp g" ±cn, cp" j go kgrgtg" ödki krgpf ktko k "T, | c" Hqto wö. "öJ go krg" Vcp, mo c" Hqto wö. "öJ go kgrgt" ktkp" Mckrgk' Rgtkqr gtcvki' Dcmo "Unrcu, xg" J go krg" "F q{wo " m±g kö" {Ā} "Ā} g'w{i} wrcpf, 0'

¥cn, o co, | f c" grf g" grf krgp" dwi wrct, p' f g gtrgpf ktko gukpf g" kuvuknugn' cpcrk' rgt "ktp" İDO "URUU"4302" xg" Nktgn: 0' r tqi tco, "mwmp, rf, 0' Vcp, o r c, e, "kuvuknugn' cpcrk' rgt "qt vcr o c. "ucpf ct v' uer o c. "o gf {cp. " o kplö wo. "o emuko wo. "ltgnepu. "Ā} f g" mwmp, rcteni' ctc v, rf, 0' Xgtkrgtkp" pqto en' f c, no c" w{i} vprw w' Uj cr ktq/ Y kni' vgu' krg" kpegnpo k vkt0' Hctni' O cpp" Y j kpg{ "vguv' krg" hctni' Mt wunen' Y cnku' J "vguv' xg" O cpp" Y j kpg{ "W' vgu' krg" ktk nk' Rgctup" Eqttgrv' krp" ncvuc {, u, "krg" ctc v, rf, 0' I g±gt rtkn' xg" I Āxgpkrt rkn' ktkp" F q twrc {, e, "Hem"4 "Cpcrk' k" C±, o r c, e, "Hem"4 "Cpcrk' k" Etqpdcej 0' u' c' r c "nvcuc {, u, "v' vgu' mwmp, rf, 0' uc vuknugn' cprco n n nif Ā} g{ k' r > 2.27 "qrcteni' nedw' i' gf kf k' 0'

J go kgrgtkpkp" {c "i twr rct, "elbuk' gv. "b gf gpkf wwo. "g kko "f wto w. "i grk' f wto w' krg' Mckrgk' Rgtkqr gtcvki' J go kgrkn' Dcmo "Unrcu, p, p" i gpgn' xg' cn' dq{ w' qt vcr o c rct, p, p' net, re v, t, m cu, pf c' kuvuknugn' c±f cp" cprco n' dk' hctni' qm cf, , "dgrkrgpf k' 0' r @.27+ J go kgrgtkpkp" o gungmg' ±cn, o c" {, npc' i 3/4 g' Hem"4 "4" dki k' xgto g' cn' dq{ w' f g gtrgpf ktkf k kpf g' gp" c| ": /37" {, n" \*5.55+ xg' gp" hc| r c "37" {, n' xg' Ā} g' k' \*6.27+ "qr w w. " hctmn, , p' kuvuknugn' qrcteni' cprco n' qrf w w' dwnwpf w0"

Mckrgk' Rgtkqr gtcvki' J go kgrkn' Dcmo "Unrcu, i gpgn' qrcteni' f g gtrgpf ktkf k kpf g' gp" c| " {gvgtuk' \*4.; 6+ " xg' gp" hc| r c "±qni' {gvgtuk' \*6.38+ "qr w w. " hctmn, , p' kuvuknugn' qrcteni' cprco n' qrf w w' dwnwpf w0' Ctc vto c" dwi wrct, pc' demrf, , pf c" co grk{c}vj cpg" j go kgrgtkpkp" xgtf k k' j go kgrkn' dcmo ,p,p" k "f q{wo w'Ā} gtlpg" r q| kkh' {3/4 pf g" qmwo nw' gvnukpkp" qrf w w' dgrkrgpf k' 0' Co grk{c}vj cpgf g" xgtkrgp" j go kgrkn' dcmo ,p,p" mckrgukpkp" ctvo cu, "ktp" j k' o gv' k' k' g kko rgtkpkp" ct w, t, m cu, "ugt vkk' u{qp" r tqi tco rct, p, p' j, | r p f, t, m cu, " xg' co grk{c}vj cpg" j go kgrgtkpkp" ±cn, o c" ct vcr, p, p' k' krg vtko guk' 3/4 g' k' k' 0'

Anahtar Kelimeler: "Co grk{c}vj cpg. "j go kgrkn' dcmo, . "k "f q{wo w"

"

#### ABSTRACT

Vj ku' uwf { "y cu' eqpf wevf "y kj "322" qr gtcvki "tqqo "pwtugu" dgy ggp "O c { "4245" cpf "Ugr vgo dgt "4245" vq" f gvto kpg' vj g' g' h' v' q' h' p' w' t' u' k' p' i' e' c' t' g' c' r' r' r' k' f' "d { "qr gtcvki "tqqo "pwtugu" q' l' q' d' u' c' v' u' k' v' e' v' k' p' 0' T' g' u' g' e' t' e' j' "f' c' v' " y g' t' g' c' r' r' r' k' f' "h' e' g' v' q' "h' e' g' v' q' p' w' t' u' g' u' y' q' t' n' k' p' i' "k' p' "O cto ctc "Wpkxgtuk' "Rgpf kn' GCJ "qr gtcvki "tqqo "wukpi "

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vj g"Skphqto gf "EqpugpvHqto \$. "SP wtug" F kci pquku"Hqto \$. "\$S wrkv{ "Rgtkqr gtcvkg"Ectg"Uecrg" hqt "P wtugu" cpf "P wtug" Lqd"Ucvkucvqpp"Uecrg\$0

Kp" gxcnecvki "vj g" hpf kpi u" qdvc kpgf "kp" qwt" uwf { . "KDO "URUU"43022" cpf "Nkutgn": 0" r tqi tco u" y gtg" wugf " hqt" ucvkucvqpp" uku0F guetkr vkg" ucvkucvqpp" | gu'y gtg" lpxguki cvgf "wukpi "o gcp. "ucpf ctf "f gxcvqpp. " o gf kcp. " o kpk wo . " o czko wo . " Htgs wpe{ " cpf " r gtegpvc i g0" Vj g" uvcvdkv{ " qh" vj g" f cv" hqt" pqto cni f kutkdwkqpp" y cu" gzco kpgf " y kj " vj g" Uj cr ktq/ Y km'vgu0" Vj g" f khtgpeg" y cu" lpxguki cvgf " y kj " vj g" O cpp" Y j kpg{ "vgu" vj g" f khtgpeg" y cu" lpxguki cvgf " y kj " vj g" M'wunen" Y cnku" J "vgu" cpf "O cpp" Y j kpg{ "W'vgu" cpf " vj g" tgrvqppuj kr " y cu" lpxguki cvgf " y kj " vj g" Rgtuqpp" Eqttgrvqpp" eqghhekgp0" Eqphkto cvqt { "Hcevqt" Cpcni uku. "Gzr nqtcvqt { "Hcevqt" Cpcni uku. "Etqpdcej" u'cnr j c" eqghhekgpv0" cpf "V'vgu" y gtg" wugf " hqt" xcnf kv{ " cpf " tgrvdkv{ 0" Ucvkucvqpp" uki phtecpeg" r'gxgn'y cu" ceegr vgf "cu" r >20270

K'y cu" f gvto kpgf "vj cv" vj gtg" y cu" pq" ucvkucvqpp" uki phtecpv" f khtgpeg" y j gp" eqo r ctkpi "vj g" pwtugu" ci g" i tqwr u. "i gpf gt. "o ctkcn" ucvwu. "gf wecvkqpcn" ucvwu. "kpeqo g" ucvwu" cpf "vj g" i gpgtcn" cpf "uwd/ f ko gpukqpp" cxgtci gu" qh" vj g" S wrkv{ "Rgtkqr gtcvkg" P wtukpi "Ectg" Uecrg0" r @2027+ "Y j gp" Hcevqt "4" \*i kxkpi "kphqto cvkqpp" uwd/ f ko gpukqpp" ku" gxcnecvqpp" ceegt f kpi "vq" vj g" { gctu" qh" pwtugu" y qtnkpi "kp" vj g" r tqhguukqpp. "vj g" o kpk wo "ku" : /37" { gctu" \*505+ "cpf "vj g" o czko wo "ku" 37" { gctu" qt" o qtg" \*6027+. "vj g" f khtgpeg" ku" ucvkucvqpp" uki phtecpv0" K'y cu" hqwpf "vq" dg0

Y j gp" vj g" S wrkv{ "Rgtkqr gtcvkg" P wtukpi "Ectg" Uecrg" y cu" gxcnecvqpp" qxgtcm" k'y cu" hqwpf "vj cv" k'y cu" cv" r'gcu" kpcf gs wcvg" \*40 6+ "cpf "cv" o quv'xgt { "cf gs wcvg" \*608+. "cpf "vj g" f khtgpeg" y cu" ucvkucvqpp" uki phtecpv0" Ceeqt f kpi "vq" vj g" hpf kpi u" qh" vj g" uwf { . k'y cu" f gvto kpgf "vj cv" vj g" pwtukpi "ectg" r tqxkf gf "d" { "vj g" qr gtcvki " vj gcvtg" pwtugu" j cf "c" r qukkxg" ghge" v" qp" lqd" ucvkucvqpp0" k'p" qtf gt" vq" k'petgcug" vj g" s wrkv{ "qh" pwtukpi "ectg" r tqxkf gf "kp" vj g" qr gtcvki " vj gcvtg. " k' ku" tgeqo o gpf gf " vq" k'petgcug" kp/ ugtxleg" v'ckkpi u. " ceegr gtcvqpp" egt v'ckkpi" r tqi tco o gu" cpf "ko r tqxg" vj g" y qtnkpi "eqpf k'kqpu" qh" qr gtcvki "vj gcvtg" pwtugu0

**Keywords:** Lqd"Ucvkucvqpp, pwtukpi "ectg, "qr gtcvki "tqqo 0

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# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## HEMŞİRELİK ARAŞTIRMALARINDA KANITA DAYALI HEMŞİRELİK MODELLERİNİN KULLANIMI: SİSTEMATİK BİR İNCELEME USE OF EVIDENCE-BASED NURSING MODELS IN NURSING RESEARCH: A SYSTEMATIC REVIEW

EMİNE ÖZER KÜÇÜK<sup>1</sup>

<sup>3</sup>Ft0 t0©{guk'Uc nmlDkko rgtk'©plkxgtukuguk'1 Āj cpg'J go ktgrknlHcnĀnguk' ±'J cuwcnmct'  
J go ktgrk k'Cpcdkko 'F cn, 'Cpnc c. 'VĀnkĀ g0'

<sup>3</sup>QTEK 'KF <j wru-Ālqt ekf Qti I2222/2225/2968/39: 7"

Huriye KIRMIZIGÜL<sup>2</sup>"

<sup>4</sup>W/o OJ go ktg. 'Cpnc c. 'Dkngpv' gj kt 'J cuwpguk 'Cpnc c. 'VĀnkĀ g0'

<sup>4</sup>QTEK 'KF <j wru-Ālqt ekf Qti I'2222/2224/43; 9/8; 43"

### ÖZET

Dw±cn o c"VĀnkĀ g0f g"nēp,vc'f c{cn}j go ktgrknl'o qf gngt'k'nmēp,rtcm'f{cr,ncp±cn o crct,p'ukugo cvknl' qrtcm'l'pēgrēpo guk'co ce,{rc'f,rf,O'NkgtcvĀ'vctco c'utcvl'k'ul'p'g'i ¼g'w'i wp'xgtk'vcdp'rt,'xg'cpcj vct' ngrko gngt'ug+ktgnl'4222/4246'f, mct,'ctcu,pcf c"VĀnkĀ g0f g'f c{,prēpēp.'hērkvc'kh'xg'c'ncpvkvc'kh'f emē ,o' mēp,ncp'ctc vto crct'kēgrēp'k'U'U'ugo cvknl'f gtrgo g"RT UO C" M,rcxw'w'tgj dgt'k'k'p'f g'f{cr,rf,O' ml' c co cf c"383'ctc vto c'f g' gtrēp'f k'k'f k'k'k' dc nml'xg'¼ g'v'f g' gtrēp'f k'k'f k' k'p'f g'37'ctc vto c'±cn o c{c' cn'p'f,0Dw±cn o crct,p' 75.50Ā\* p < +f qmqt c'v'gl'k' 35.60Ā\* p < 4+'qni w'uw'pwo w'xg' 55.5\* p < 7+'f gtrgo g' ±cn o cf,tO'Mēp,ncp'o qf gngt'ctcu,pcf c"RCT U "O qf grk" 42\* p < 5+."CEG'[ ,rf,,"O qf grk" 42\* p < 5+." [ cmp" dk'k'k'p'g'f c{cn} rgtk'c'c vto c'xg'Mēp'k'w'i wro c'O qf grk" 42\* p < 5+."Lqj p'J qr n'p'u'O qf grk' ' 35.5\* p < 4+."Mēp,v'W'i wro c'c'F ¼pĀ vĀto g'O qf grk' 8.9\* p < 3+." QY C'O qf grk' 35.5\* p < 4+'xg'U'gw'gt' O qf grk" 8.9\* p < 3+'{gt'crf, ,"dgrk'ng'p'k'U'O Āf c'j crg'f{¼p'vgo k'q'rtcm'±o qf gngt'k'vgo gn'c'rtcm'±i grk v'k'ēp' nēp,vc'f c{cn}t'gj dgt'k'p"j c|,t'rcpo cu,."vp,v,o,,"xg' w'i wro cu,."g kko ."o q'v'xcu'q'p' vqr nēp,rt,,"xg' j go ktgrknl'f{¼p'g'k'o k'w'i wro crct,'mēp,rcf, ,"ucr v'p'f,0'±cn o crct,p'uq'p'wērt,±'j cuw'dcmo' hērk'g'uk'xg' dcmo "uq'p'wērt,."j cuw' i Āxg'p'k'k' j cuw' o go p'w'p'k'g'v'k' j go ktgrt'k'p' mēp,rcxw'w' ¼p'gt'k'ēp'g' w'fo w' j go ktgrt'k'p' nēp,vc'f c{cn}j go ktgrk'g'f{¼p'grknl'www'w' j go ktg'k'f q'f{wo w'xg'dc nēp,rcf,,"±,m,rcf,,"k'g' f g' gtrēp'f k'k'f k'k'k' dgrk'ng'p'f k'U'±cn o crct'f c'o qf gn'mēp,rtcm'j c|,t'rcpēp't'gj dgt'ngt'k'p' mēp,rcxw'w'cu,p,p' j cuw'dcmo "hērk'g'uk'xg'j cuw'o go p'w'p'k'g'v'k'p'ct'vto cf c.'j cuw' uq'p'wērt,p,"k'k'g' vto gf g'." j go ktg'k' f q'f{wo w'p'w'xg'nēp,vc'f c{cn}j go ktgrk'g'f{¼p'grknl'www'w'p'w'ct'vto cf c'g'v'nk'k'q'f'f w'w' uq'p'wēp'c'xct,rf,O' Mēp,vc'f c{cn}j go ktgrknl'o qf gngt'k'p' mēp,rcxw'w'cu,p,p' dcmo "hērk'g'uk'xg'j go ktg'k'f q'f{wo w'p'c'q'w'o nēp,rcf, nēp,rcf, p'g'f'g'p'k'ng'j go ktgrknl'w'i wro c'xg'ctc vto crct,"k'k'p'¼p'go r'k'k'O'c'p'cm'Āng'o k'f g'j go ktgrt' vctch,p'f c'p'f{Ā Ā Āng'p'ctc vto crct'f c'nēp,vc'f c{cn}j go ktgrknl'o qf gngt'k'p' mēp,rcxw'w'cu,p,p'nf,tO'

Anahtar Kelimeler: 'Mēp,vc'f c{cn}j go ktg.'o qf gn'

### ABSTRACT

Vj g'c'ko "qh'v'j ku'uwf { "y cu'v'q"u{ ugo cvkēcm'f{tgxkgy "v'j g'uwf l'gu"ēq'p'f wēgf "k'p"Vwtng'f{ "wuk'p'i "gxk'f g'pēg/ dcug'f "p'wtuk'p'i "o qf gn'0'Vj g'uwf l'gu'r wdrk'uj gf "k'p"Vwtng'f{ "dgw' ggp"4222"cpf "4246"wuk'p'i "s w'rk'c'v'xg'qt' s w'p'v'k'c'v'xg'cr r t'q'c'j gu'y gtg'c'p'cn' ugf "d'f{ "ugrēv'k'p'i "cr r t'qr t'k'v'g'f c'v'cd'cugu'cpf "ng'f y q'f u'c'eeq'f'f'p'i "v'q' v'j g'rk'g'tc'w't'g'ug'ctēj "utcv'g'i {0'Vj g'uw'f l'gu'cv'k'ē'f{tgxkgy "y cu'r g'th'q'to gf "w'p'f g't'v'j g'i w'k'f c'pēg'qh'RTKUOC" I w'k'f gr'p'gu'OC'v'q'v'c'q'h'383'uwf l'gu'y gtg'g'x'c'nc'v'g'f "k'p'v'j g'ht'u'v'c'i g=37'uwf l'gu'y gtg'k'p'ēn'f'gf "y j gp'v'j g' v'k'g'c'p'f "c'dut'cēv'y gtg'g'x'c'nc'v'g'f 0'Qh'v'j gug'uwf l'gu."750' \*p < +y gtg'f q'ēv'qt'cn'v'j gugu."3506' \*p < 4+'y gtg' ecug't'gr q't'w'c'p'f "550' \*p < 7+'y gtg'f{tgxkgy "uwf l'gu'0'Vj g'o qf gn'u'w'g'f "k'p'ēn'f'gf "RCTKUJ "O qf gn'42' \*p < 5+ "



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CEG'Uct'O qf gn'42' "p-5+ "Vj g' Cf xcpelki "Tgugctej 'cpf 'ErklecnRtceveg'vj tqwi j 'emug'Eqmcdqtcvqp" 42' "p-5+ "Iqj p"J qr mku"O qf gn'356' "p-4+ "Vtcurvki "Gxkf gpeg"kpq "Rtceveg"O qf gn'80' "p-3+ "QY C"O qf gn'356' "p-4+ "cpf "Ugvtg"O qf gn'80' "p-3+0' Vj g" kvgtxgpkqp"o gj qf u" kpenf gf "vj g" r tgr ctvqp."r tqo qvqp"cpf "ko r ngo gpcvqp"qh'gxf gpeg/dcugf 'i wk gkpgu'f gxnqr gf "qp'vj g"dcuku'qh'vj g" o qf gnu."gf wevqp."o qvxcvqpcnlo ggkpi u'cpf 'pwtulpi "o cpci go gpvr tceveg"0'Vj g't guwuu'qh'vj g'uwf lgu" eqpenf gf "vj cv'vj g'wug"qh'i wk gkpgu'r tgr ctgf "wulpi "vj g"o qf gn'y cu'ghgevxg'kp'kpetgculpi "vj g's wcrk' "qh' r cvkpv'ectg"cpf "r cvkpv'ucvkvcevkqp."ko r tqxkpi "r cvkpv'qweqo gu."kpetgculpi 'pwtug'lqd"ucvkvcevkqp"cpf " cvkwwf gu'qy ctf u'gxf gpeg/dcugf 'pwtulpi 0'Wulpi 'gxf gpeg/dcugf 'pwtulpi "o qf gn'ku'ko r qtcpv'ht'pwtulpi " r tceveg"cpf "tgugctej "dgecvug"qh'ku'r qukxg"eqpvkdwkqp"v"ectg"s wcrk' "cpf "pwtug"lqd"ucvkvcevkqp' P gxtvj gnu."vj g'wug"qh'gxf gpeg/dcugf "pwtulpi "o qf gn'kp"tgugctej "eqf wevf "d{ "pwtugu"kp"Vwtng{ "ku" rko kqf 0"

**Keywords:** 'gxf gpeg/dcugf . 'pwtulpi . 'o qf gn'

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#### TIME DELAYED FRACTIONAL DIABETES MELLITUS MODEL AND CONSISTENT NUMERICAL ALGORITHM

*Mudassar Rafique*

*RJ F "Uej qrt. "Wpkxgt ukaf "qhO cpci go gpv'cpf "Vgej pqrqi { "Ncj qt g"*

#### ABSTRACT

Vj g"fkcdgvgu"o gnkww"o qf gr"FOO + "ku"gzr mtgf "kp"vj ku"uwf { "O cp { "j gcnj "kuuwg"ctg"ecwugf "d { "vj ku" f kugcugOHqt "vj ku'tgcuqp. "vj g'kpvgi gt "qtf gt "FOO "ku"eqpxgtvgf "kp"vj g"vko g"fgrc { gf "htcevkqpcn'qtf gt"o qf gr" d { "hkwpki "vj g'htcevkqpcn'qtf gt "Ecr wq" f khtgtpvkn'qr gtcvqt "cpf "fgrc { "hcevt "kp"vj g"o qf gr"OK"ku"r tqxgf "vj cv" vj g"i gpgtcrk gf "o qf gr"j cu"vj g"cf xcpwi g"qh'c"vps wg"uqmwkqp"ht "gxgt { "vko g"VOO qtqaxgt. "gxgt { "uqmwkqp" qh"vj g"u{ uvg"o "ku"r qukxg"cpf "dqwpf gf "OVy q"gs wkrdtkwo "ucvgu"qh"vj g'htcevkqpcn' o qf gr"ctg"y qtngf "qw" kQOf kugcug"htgg"gs wkrdtkwo "ucv"cpf "vj g"gpf go le"gs wkrdtkwo "ucv"OVj g"tkun'hcevt "kpf lecvqt. "T0 ku" eqo r wgf "hqt"vj g"u{ uvg"o "OVj g"ucdkrkv { "cpcn { uku"ku"ecttkgf "qw"ht "vj g"wpf gtn { kpi "u{ uvg"o "cv'dqv "vj g" gs wkrdtkwo "ucv"OVj g"ng { "tqng"qh" T0 ku" kpxguvi cvgf "hqt"vj g" f kugcug" f { pco leu"cpf "ucdkrkv { "qh"vj g" u{ uvg"o "OVj g"j { dtkf k gf "hpkog" f khtgtppeg"pwo gtlecn'o gj qf "ku"htqto wrcvgf "hqt" qdvcqkpi "vj g"pwo gtlecn' uqmwkqpu"qh"vj g"fgrc { gf "htcevkqpcn"FOO "OVj g"rj { ulecn'hgcwtgu"qh"vj g"pwo gtlecn'o gj qf "ctg"gzco kpgf O Uko wrcvgf "i terj u'ctg"r tgugpvgf "vq"cuuguu"vj g"dkqmi lecn'dgj cxkqt "qh"vj g"pwo gtlecn'o gj qf "Ncuwnf. "vj g" qweqo gu"qh"vj g"uwf { "ctg"htpkuj gf "kp"vj g"eqpenwukqp"ugevkpO

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### GE ALTTAŞ ÜZERİNE YANSIMA ÖNLEYİCİ KAPLAMA ÜRETİMİ VE LWIR BANT ÜZERİNDEKİ ETKİSİ DESIGN OF ANTI-REFLECTION COATING ON GE SUBSTRATE AND EFFICIENCY ON LONG WAVE INFRARED BAND (LWIR)

Yusuf Furkan İŞILDAK<sup>1</sup>

<sup>3</sup>I c/k'Opkxgt ukxguk 'Hgp 'Dkto rgt K'Gpukv'Äu'Ä 'Hqvqplm'Dkto K'xg'O'Äj gpf kurk k'Cpcdkto 'F cn, 'Cpnc t.c.' VÄtnk' gO'

<sup>3</sup>QTEKF 'KF <j wru<llqtekf Qti D222/2223/; 538/2476"

Barış KINACI<sup>2</sup>"

<sup>4</sup>Rt qI0F t0'I c/k'Opkxgt ukxguk 'W'i wco cn, 'Dkto rgt 'Hcn'Änguk 'Hqvqplm'Dkto K'xg'O'Äj gpf kurk k'D'ÄÄo' Ä' Cpnc t.c.' VÄtnk' gO'

<sup>4</sup>QTEKF 'KF <j wru<llqtekf Qti D222/2225/52; 7/2846"

#### ÖZET

Dw'±cn o c."{cpu,o c'³prg{lek'ner nco crct,p"CTE+'m| ,n'⁴guk"KT '+'i ³⁴Äp'Ängo g'ukugo rgt klpk."³⁴gnkmg" w'wp" fcri c" m| ,n'⁴guk" \*NY KT+" dcpf,pf c" \*: /34" o+" r gthqto cpu" ctv,t,e," gnrktkpk' kpegrgo g{k' co c±nc cncf,tOM| ,n'⁴guk' ³⁴Äp'Ängo g'vnpqrlkuk'j gtj cpi k'dk'j ctkek'c{f ,prcvo c{c'lj v'k'c±f w'o cf cp" pgupgrtkp" {c{f , "m| ,n'⁴guk' , o cp,p"n'ctc'ekuko" , o cu,+r cuki'f gf gm'⁴rtgr" {cnrcpo cu," r tgpuklkp" f c{cpo cncf,t0' Dw' ³⁴gnk k' kg" ³⁴gnkmg" ucxwpo c" ucpc{kpf g" i geg" i ³⁴Ä." ng kh" xg" i ³⁴gvgo g" hcrc{k' gvgtkpf g"ntkkn'dk'tqn'q{pco cncf,t0'Dwpwrc'dk'rkmg."i Äp'Äo' Ä f g'dw'vnpqrlk"qvqo qvx."v,r." vct,o "xg"Ätgko "i kdk'ukkn'cncprtf c"fc" {c{i ,p"dk"mwmp,o "cncp,"dwnc cncf,t0'NY KT"ukugo rgt kpf g" cvo quhgkn'ng wrctf cp'gp'c' f Ä g{f g'gnkrgpo gnkx'g' r gthqto cpu,p,"o cmiko k' g'gvo gncf ,pc."dgrtk'qr vni' o cñ go grgt'xg" {cpu,o c'³prg{lek'ner nco c"CTE+'vnpqrlk'rgtk'hwmp,m cncf,t0'

Dw'dc nco f c.'NY KT'dcpf,pf c'±cn cp'vgo cni ³⁴Äp'Ängo g'ukugo rgt klpk" {³⁴prgn'qrcncni gto cp{wo "³i g+" cncw "Ä gtlpg" det{wo "hrqtÄ" \*DcH+" ±pnq' vgnÄ" \* pVg+" xg" cnÄo lp{wo "qmkv" \*CnQ "+" ner nco c" o cvgt{cmgtkpk" w'i wrpcteni' ngpukp" qr vni' i g±ki gprik klpk' ctv,t,m cu," xg" ±gxtgugri' hcm'⁴rtgr" net , " f c{cp,m'qno cu," j gf ghrgpo k vtoUg+krgp"o cñ go grgt."{Ängm'nt,m c'lpf kuk'f Ä Änif c ,m c'n'cncw{ ,u,"xg" vgo cni' f c{cp,m,n,m' i kdk' ³⁴gnkmgtk'ng" ³⁴p" r ncp" ±,nc cncf,t0' O gxew' f wtwo f c" NY KT" dcpf,pf c" i gto cp{wo "rgpurtk" {cncw ,m" 67"qtcp,pf cni' g±ki gprik'nf g gtlpkp."j gt'knk'Ä g{lp" {cpu,o c'³prg{lek' ner nco c"CTE+'kg'ner nco cu," uwtgk'ng'qtvcro c" ; 2),p'Ä gtlpg"±,net,m cu,p,"co c±nc cncf,t0'

Mcr nco c'vcut,o ,pf c'O CVNCD" {c| ,no , "hwmp,rcncni'ner nco c'ncn,pn,mct,"xg'nevo cp'uc{ ,net,"qr vto k' g" gf kro k vtoMcr nco crct."Hk' knugri'Dwj ct'Dk'knkto g"RXF+" {³⁴pvgo k'qrcp"o ci pgtqp'ur wwtgkpi' vgnpk k'kg" w'i wrpco , v't=dw'uÄg± "gpgtlknk'qprct,p'j gf gh'o cvgt{crg'±ctr ctenlp'³⁴t'cvqo net,p'cn'vedenc{c'vcpuhgt" gf kro guk'gucu,pc'f c{cpo cncf,t0'©tgkrgp"pwo wpgrtkp"NY KT" dcpf,pf cni'qr vni' r gthqto cpurct,."HVKT" \*Hqvtlgt" F ³⁴p'Ä Äo nÄ" M| ,n'⁴guk' Ur gmtqunqr kuk' kg" , ,m' i g±ki gprik k' ³⁴Äo rgtk' ctce,n ,{rc' f g gtrgpf k'ko k vto'C {t,ec."ner nco crct,p" ntkvni' {cr , "ncrk'guklp" cpcrk' "gf kro guk' k'lp"ZTF "Z/K,p," F k'rcmk'qpwi'cpcrk' k' {cr ,m , vto'

Dw'±cn o c.'NY KT'dcpf,pf c'hwmp,rcp'vgo cni ³⁴Äp'Ängo g'ukugo rgt klpk'xg'to rik k'k'ctv,t,c{c' {³⁴prgn' {cpu,o c'³prg{lek'ner nco c'vcut,o , "cncp,pf c'³⁴pgo r'Äk'hev'm'lwpo c{ ,j gf ghrgo gmgf k'o'

**Anahtar Kelimeler:** [ cpu,o c" prg{lek'Mcr nco c"CTE+"Vgo cniI ³⁴Äp'Ängo g.'W'wp'Fcri c'M| ,n'⁴guk' \*NY KT+"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

Vj g"qdlgevxxg"qh"vj ku"uwf { "ku"vq"gzco kpg"vj g'r qvqpvkcnhqt"cpvk/tghrgevxxg"eqcvkpi u"\*CTE+"vq"gpj cpeg"vj g" r gthqto cpeg"qh"lphctctgf "\*"Kt +lo ci kpi "u{uvgu u."y kj "c'r ctvkwrt"hgewu"qp"vj g"lqpi "y cxg"lphctctgf "\*"NY Kt +" dcpf "\*/34 " o +0"lphctctgf "ko ci kpi "vgej pqmji { "ku"lqwpf gf "w qp"vj g"eqpegr v"qh"v gvevki "y g"lphctctgf " tcf kcvkp "\*"drcndqf { "tcf kcvkp"+"go kwgf "d{ "qdlgevu"y kj "r cuukxg"v gvevqtu."grko kpcvki "y g"pgeguukv"lqt " gzvgtpcn"lmo kpcvqp0Vj ku"hgcvwtg"r rc { u"r kxqvcn"tqng"lp"pki j v'xlukqp."tgeqppckuucpeg"cpf "uwxgkncpeg" cevxxkkgu."r ctvkwrt"y kj kpi "y g"ghrpeg"lph wut { 0P gxgtvj gruu."y g"vgej pqmji { "ku"ewttgpw"go r m{gf " kpc"b wkwf g"qh"ekxkcp"ugevqtu."kpenw kpi "cwqo qvxxg."b gf kcn"ci tlewnwtcn"cpf "lph wutkcn"eqpvz u0k" NY Kt"u{uvgu u."ur gekkle"qr vkcni'o cvgtkcn"cpf "cpvk/tghrgevxxg"eqcvkpi "\*"CTE+"vgej pqmji lgu"ctg"go r m{gf " vq"b kki cvg"vj g"ko r cev"qh"cw qur j gtle"eqpf kkp"u"cpf "gpj cpeg"r gthqto cpeg0k"vj ku"eqpvzv."y g"qdlgevxxg" qh"vj ku"uwf { "ku"vq"gpj cpeg"vj g"qr vkcni"tcpuo kwcepg"qh"rgpugu"d{ "cr r n"l kpi "eqcvkpi "b cvgtkcn."ur gekklecm{ " dckwo "hmqtkf g"\*DcH +."l kpe"vgnwtkf g"\*pVg+"cpf "cnwo kpkwo "qzkg g"\*CnQ +."vq"i gto cpkwo "\*"I g+"rgpugu" hqt"vj gto cni"ko ci kpi "u{uvgu u"qr gtcvki "kpi"vj g"NY Kt"dcpf 0Vj g"ugrgev"o cvgtkcn"gzj kdk"v kpkvevxxg" r tqr gtvku."kpenw kpi "c"j ki j "tghrcevxxg"lph gz."c"mij "f kur gtukqp"eqghlekp."cpf "gzegr vqpcn"vj gto cni" f wcdkxv{ 0Vj g"qdlgevxxg"ku"vq"gpj cpeg"vj g"tcpuo kwcepg"xcnwg"qh"i gto cpkwo "rgpugu"lph"vj g"NY Kt"dcpf ." y j lej "ku"ewttgpw"cr r tqzko cvgn{ "67" . "vq"cdqxxg", 2' "qp"cxgtci g"vj tqwi j "y g"cr r kcvkp"qh"CTE"eqcvkpi " vq"dqj "uwxhcegu'

kpi"vj ku"eqpvzv."dckwo "hmqtkf g"\*DcH +."l kpe"vgnwtkf g"\*pVg+"cpf "cnwo kpkwo "qzkg g"\*CnQ +."eqcvkpi " o cvgtkcn"y g"cr r nkgf "vq"i gto cpkwo "\*"I g+"uudwtcv"lqt"vj gto cni"ko ci kpi "u{uvgu u"qr gtcvki "kpi"vj g" mji y cxg"lphctctgf "\*"NY Kt +"dcpf 0Vj ku"y cu"l qpg"lph"qtf gt"vq"lph gcu"vj g"qr vkcni"tcpuo kwcepg"qh"vj g"rgpu" cpf "vq"tgpf gt"kv"t gukucpv"vq"gpvktqpo gpvnlhcevqtu0Vj g"ugrgev"o cvgtkcn"gzj kdk"v kpkvevxxg"r tqr gtvku." kpenw kpi "c"j ki j "tghrcevxxg"lph gz."c"mij "f kur gtukqp"eqghlekp."cpf "gzegr vqpcn"vj gto cni" f wcdkxv{ 0Vj g" qdlgevxxg"ku"vq"gpj cpeg"vj g"tcpuo kwcepg"xcnwg"qh"i gto cpkwo "rgpugu."y j lej "ku"ewttgpw"cr r tqzko cvgn{ " 67' "kpi"vj g"NY Kt"dcpf ."vq"cdqxxg", 2' "qp"cxgtci g"d{ "eqcvkpi "dqj "uwxhcegu"y kj "cp"cpvk/tghrgevxxg"eqcvkpi "\*"CTE+0

Vj g"qdlgevxxg"qh"vj ku"uwf { "ku"vq"o cnw"ci"uki pklhcepv"eqpvtdwkwq"vq"vj g"lgrf "qh"cpvk/tghrgevxxg"eqcvkpi " f guki p."y kj "y g"clo "qh"gpj cpeki "y g"ghlekp"e{ "qh"vj gto cni"ko ci kpi "u{uvgu u"wkxugf "kpi"vj g"NY Kt"dcpf 0

**Keywords:** Nqpi /Y cxg"lphctctgf "\*"NY Kt +"Cpvk/Tghrgevxxg"Eqcvkpi "\*"CTE+."Vj gto cni"ko ci kpi "

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ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE IMPORTANCE AND CHALLENGES OF AI TECHNOLOGY IN DISTANCE EDUCATION

Dr. Deng Zhaozhen

C/gtdckcp'Ucvg'Rgf ci qi kcn'Wpkxgtukf. 'Rgf ci qi { "cpf "  
Ru/ ej qmqi { 'Hcewnf. 'Fgrctw gpv'qh'Rgf ci qi { . 'Dcmw: 'C/gtdckcp  
QTEK' 'PQ<222; /2223/5224/964; "

#### ABSTRACT

Y kj 'y g'tcr kf 'f gxmqr o gpv'qh'pgy 'vej pqrqi kgu'wej 'cu'ctv'k'ekcn'k'p'v'gnki gpeg' \*CK: 'xk wcn'g'cnk' \*XT+ 'cw' o gpv'g' 't'gcnk' \*CT+ 'k'p'v'g'p'v'qh'Vj kpi u' \*K'V+ 'cpf "7I "eqo o wplecv'k'pu. "o qtg"cpf "o qtg"ngctpkpi "cevxk'k'gu" ctg" o qxkpi "vq" qprkpg" r r'v'htqto u. "o cnkpi "ngctpkpi "cuuguo gpv' ko r qt'v'p'eg" j cu' k'p'et'g'cugf "uki p'k'k'ep'w'f' 0'Vj g'cf x'c'p'ego gpv'qh'dki 'f'c'v'cpf "CKj cu'r tqo q'v'g'f 'y g'k'p'v'gnki gpv'f gxmqr o gpv'qh'q'p'rk'pg'ngctpkpi " r r'v'htqto u. "j gr'kpi "v'g'ej gtu" cpf "gf wecv'k'q'p'cn' cf o k'p'k'ut'c'v'qtu" vq" g'x'c'w'v'g" u'w'f' g'p'u' ) ngctpkpi " r g'htqto c'p'eg" o qtg"eqo r t'g'j g'p'uk'x'gn'f "cpf "q'dl'g'v'k'x'gn'f' 0'Vj tqwi j "r t'g'ek'ug" f'c'v'c'p'c'p'cn'f' uku. "y j g'ug" r r'v'htqto u' r t'q'x'k'f' g'lw'r r q't'v'htq'f' g'f wecv'k'q'p'cn'f' g'ek'uk'q'p' o cnkpi . 'f go q'p'ut'c'v'k'pi 'y g' d't'q'c'f' 'c'r r r'k'ec'v'k'q'p' r q'v'g'p'v'k'cn'q'h'CK'k'p' f'k'uc'p'eg" g'f wecv'k'q'p'0"

F k'uc'p'eg" g'f wecv'k'q'p' c'p'f' q'p'rk'pg'ngctpkpi 'p'q'v'q'p'n'f' d't'k'pi 'o qt'g' h'g'z'k'd'ng'ngctpkpi 'o g'y q'f u. 'c'm'q'y kpi 'u'w'f' g'p'u' vq' u'w'f' { "c'p' { v'k' o g'c'p'f' c'p' { y j g'g. "d'w'c'nuq" g'p'c'd'ng' g'f wecv'k'q'p'cn'f' g'u'q'v't'eg'u' vq' d't'g'cn'v'y tqwi j "v'c'f' k'k'q'p'cn'v'k' o g' c'p'f' 'ur c'eg" e'q'p'ut'c'k'p'u. "u'g't'x'k'pi "c' d't'q'c'f' g't'c'p'i g'q'h'ngctp'g'tu'0'J q'y g'x'g't. "q'p'rk'pg'ngctpkpi "c'nuq' h'c'eg'u'c' "u'g't'k'gu' q'h'p'gy "e'j c'm'g'p'i g'u'0'f'k'ut'v. "f k'uc'p'eg"ngctpkpi "q'h'g'p' t'g'f' w'eg'u' u'w'f' g'p'u' u'q'ek'cn'k'p'v'g't'c'v'k'p'u. "y j k'ej "o c' { "r'g'c'f' "vq' h'g'g'k'pi u'q'h'k'uc'v'k'q'p' c'p'f' "c' r'em'q'h' d'g'p'i k'pi . 'y j k'ej "k'p' w't'p' c'h'g'ew'v'y g'k' y g'm' d'g'k'pi "c'p'f' "o q'v'k'c'v'k'q'p' vq" ngctp'0'k'p' c'f' f'k'k'q'p. "m'p'i /v'g'to "q'p'rk'pg'ngctpkpi "e'c'p' g'c'uk'f' "r'g'c'f' "vq'ngctpkpi "d'w'p'q'w'c'p'f' "y g'c'ng'p'v'y g'ngctpkpi "g'z'r g't'k'p'eg'0"

K'p' v'g'to u' q'h' g'y k'eu' c'p'f' "c'ec'f' g'o k'e" k'p'v'g'i t'k'f' . "f k'uc'p'eg" g'f wecv'k'q'p' h'c'eg'u' e'j c'm'g'p'i g'u' u'w'ej "cu' k'p'htqto c'v'k'q'p' t'g'k'c'd'k'k'f' . "f'c'v'c'v'c'p'ur c't'g'p'e' { . "c'p'f' "k'u'w'g'u' q'h' r' t'k'x'c'e' { "c'p'f' "u'g'ew't'k'f' 0'Vj g'ug' h'c'ev'q'tu'v'y t'g'c'v'g'p'v'y g'h'c'k'p'g'u'u'q'h' g'f wecv'k'q'p' c'p'f' "o c' { "w'p'f' g'to k'p'g' u'w'f' g'p'u' ) v'w'v' k'p' q'p'rk'pg' g'f wecv'k'q'p'0' C'nj q'wi j "y j g'c'r r r'k'ec'v'k'q'p' q'h'CK' k'o r t'q'x'g'u'ngctpkpi "g'h'k'p'e' { "c'p'f' "t'g'u'q'v't'eg" o c'p'c'i g'o gpv'g'x'g'u. "k'v'c'nuq' k'o r q'ug'u'j k'i j g't'f' go c'p'f' u' h'q't' f'c'v'c' u'g'ew't'k'f' 0'Vj v'y g' u'c'o g'v'k' o g' . "x'k' w'cn'ngctpkpi "g'p'x'k'q'p'o g'p'u' k'p'et'g'c'ug'v'y g't'k'um'q'h' e'j g'c'v'k'pi . o cnkpi "y j g' g'u'c'd'k'uj o gpv'qh'g'h'g'v'k'x'g' u'w'r g't'x'k'k'q'p' o g'ej c'p'k'uo u'c' "e't'k'k'ec'cn'k'u'w'g' k'p' q'p'rk'pg' g'f wecv'k'q'p'0"

Vj k'u' u'w'f' { "c'k'o u'vq" g'z'r m'q't'g'v'y g'g'h'g'v'k'x'g' c'r r r'k'ec'v'k'q'p'u' c'p'f' "r q'v'g'p'v'k'cn' e'j c'm'g'p'i g'u' q'h'CK' v'g'ej p'q'r'qi { "k'p' f'k'uc'p'eg" g'f wecv'k'q'p' c'p'f' "q'p'rk'pg'ngctpkpi . "j q'r g'u'v'q' r t'q'x'k'f' g'v'y g'q't'g'v'k'ec'cn' u'w'r r q't'v'c'p'f' r t'c'v'k'ec'cn'f' w'k'f' c'p'eg' h'q't' h'w'w'g' g'f wecv'k'q'p' t'g'htqto u. "r tqo q'v'g'c' o qt'g'g's'v'k'c'd'ng' c'p'f' "u'c'h'g' f'k'uc'p'eg" g'f wecv'k'q'p' g'p'x'k'q'p'o g'p'0"

**Keywords:** C't'k'k'ec'cn' k'p'v'gnki g'peg' \*CK: "F k'uc'p'eg" g'f wecv'k'q'p' . "Q'p'rk'pg'ngctpkpi . "C'ec'f' g'o k'e" k'p'v'g'i t'k'f' . "Ngctpkpi "g'z'r g't'k'p'eg"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EXPERIMENTAL INVESTIGATION OF MOMENT CURVATURE RELATIONSHIP IN HIGH STRENGTH CONCRETE

*Subhashish Dey*

*EkkiGpi kpggt kpi "F gr ctwo gpv."Ugij cftkTcqT" wf rxcnngt w'Gpi kpggt kpi "Eqngi g."I wf rxcnngt w." Cpf j tc "Rt cf guj . "Kpf kc "*

#### ABSTRACT

Rt gugv'lxguki cvkp"ku"mewugf"qp"o qo gpv'ewxcwtg'tgrvqpuj kr "qh'ucvlecm" f ggtto kpcg'drgpf gf "tghphqtegf" ego gpv'eqpetgg'dgco u'qhiuk'g'3: 22'Z'322'Z'422'o o 'hqt'92'O Rc'eqpvcplpi 'h' 'cuj . 'uklec'hwo g'cpf 'ho g'unwf i g'lp" f hgtgpv'r tqr qt vqpu'cpf "eqo r ctgf "vq'eqptqri'o kz"dgco u'Vj g'qr vo wo "eqpvgpu'qh'y gug'o kpgtcrfcf f kxgu'y gtg" qdvclpgf "chgt"ugxgcn'vcku'cpf"o gej cplecni'r tqr gt vgu'ujej "cu'eqo r tguukg."hgzvrcn'cpf "ur ku'vgpukg"utgpi yj "qh' vgtpt {"drgpf gf "ego gpv'eqpetgg'y gtg'f ggtto kpgf "cpf"eqo r ctgf "y kj "eqptqri'o kz"\*y kj qw'cp {"uwr r go gpvt {" ego gpv'kqwu'o cvtken'Vj g'tgwnu'lpf lecvf "yj cv'y gtg'ku'c'dgpghelecn'ghge'vqhi'o kpgtcrfcf f kxgu'lp'o qo gpv'ewxcwtg' tgrvqpuj kr OHqo "yj g'tgwnu'k'y cu'lphttgf "yj cv'y gtg'ku'c'eqpukf gtdcng'lpetgcug'lp'o qo gpv'ectt {"kpi "ecr cels {"cpf" eqttgur qpf kpi "ewxcwtg'qh'vgtpt {"drgpf gf "tghphqtegf"ego gpv'eqpetgg'dgco u'

**Keywords:** Utgpi yj "ej ctcevtkukeu."Hh' "cuj . "Uklec'hwo g."Nko g"unwf i g."Vgtpt {" "drgpf gf "eqpetgg'cpf" O qo gpv'ewxcwtg'tgrvqpuj kr O'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### INVESTIGATION OF NEW METHODS APPLIED AND APPLICABLE IN OVERWINTERING OF HONEY BEES

#### BAL ARILARININ KIŞLATILMASINDA UYGULANAN VE UYGULANABİLECEK YENİ YÖNTEMLERİN İNCELENMESİ

**Yunus Emre BOGA**

*F gr ct wo gpv'qhl' Cpko cri' Uekgpeg. 'Hcewn' qh' Ci t kewnwt g. 'Kf, t' Wpkxgt uk' . 'Kf, t. 'VÅt nk' g"*

*QTEK' PQ-2222/2225/3674/4: 95"*

**Yasemin GÜMÜSTAS**

*F gr ct wo gpv'qhl' Cpko cri' Uekgpeg. 'Hcewn' qh' Ci t kewnwt g. 'Ewmwt qxc' Wpkxgt uk' . 'Cf cpc. 'VÅt nk' g"*

*QTEK' PQ-222; /222: /9: 66/; : 46"*

**Ömer ÇİMEN**

*Pk f g' Qo gt 'J crkf go kt' Wpkxgt uk' . 'Hcewn' qh' Ci t kewnwt cri' Uekgpegu' c' pf 'Vgepqri kgu. 'F gr ct wo gpv'qhl' Cpko cri' Rt qf wexkp' c' pf 'Vgepqri kgu. '73462. 'Pk f g' VÅt nk' g"*

*QTEK' PQ-2222/2224/8565/3666"*

#### ABSTRACT

Vj ku'ct veng'clo u'v'gzco kpg'vj g'ho ku'qhl'tcf kkkpcn'ob gy qf u'wugf 'kp'vj g'qxgty kpvgtkpi 'r tqeguu'qhl'j qpg{ 'dggu'cpf 'vj g'kppqxcv'kg'cr r rdecvkpu'vj cv'j cxg'tegep'w' 'utctvgf 'vq'dg'wugf '0'k' dggu. 'qxgty kpvgtkpi 'ku'c' r tqeguu' 'vj cv' gpuwtgu' 'vj g' uwtxkcn' qh' dgg' eqm'p'kgu' f vt'kpi ' 'vj g' y kpvgt' o qpvj u' c' pf ' tgs vkt gu' ectghwi' ko r ngo gpw'v'k'p' c' pf ' o qpkqt'kpi ' qh' et'k'gt'k' uwej ' cu' g'p'gti { 'pggf u' qh' dggu. 'pwt'k'k'p. 'vgo r gtcwt'g' c' pf ' j wo kf k' 'eqpvt'qnl'k' 'vj g' j kxg'0'Vj g' q'f 't'cf kkkpcn'qxgty kpvgtkpi 'r tce'v'kgu'j cxg'dggp'r ct'v'km' { 'uweegu'hw' k'p'o kki cv'kpi 'vj g'lo r cev'qhl'eko cvg'ej cpi g. 'o k'p'o k' k'pi 'vj g'lo r cev'qhl'k'pet'g'cu'k'pi 'gp'x'k'q'po gpvcn'lut'guu'qtu' c' pf ' r t'gx'gp'v'kpi 'f ger'k'p'gu'k'p' i' m'q'c'n'dgg'r qr w'v'v'k'pu'0'Vj ku'j cu't'gu'w'ngf 'kp'vj g'p'ggf 'vq'f g'x'g'nr 'kppqxcv'kg' c' pf ' p'gy 'ut'c'v'gi kgu'ht' 'qxgty kpvgtkpi 'r tce'v'kgu'0

T'ge'p'v' kppqxcv'kg' o gy qf u' k'p'ew'f g' v'ej p'q'ri k'c'n' cf x'c'p'egu' uwej ' cu' o qpkqt'kpi ' vgo r gtcwt'g' c' pf ' j wo kf k' 'r'x'g'u'k'p'dggj k'x'g'u'j t'q'w'j 'ug'p'u'qtu'c' pf 'qr v'ko k' k'pi 'vj g'ug'f'c'w'y k'j 'c'w'q'o c'v'e'eqpvt'qnl'u' v'go u'0' Vj g'ug'o gy qf u't'gf w'eg'vj g'g'p'gti { 't'gs vkt go gpv'qhl'dggu'f vt'kpi 'vj g'y kpvgt'ug'cu'p. 'y j k'g'eqpvt'k'dw'k'pi 'vq' u'c'drg' k'p'j k'x'g' eqp'f k'k'p'u'0' Vj g' gh'g'eu' qh' p'w't'k'k'p' r tqi t'co u' eqp'v'k'p'k'pi ' r tqd'k'v'k'eu' c' pf ' r t'gd'k'v'k'eu' f g'x'g'nr g'f 'vq't'gf w'eg'vj g'ut'guu'qhl'dggu'f vt'kpi 'vj g'qxgty kpvgtkpi 'r g't'k'f 'j cxg'dggp' h'q'w'p'f 'vq'dg'uki p'k'h'ec'p' k'p'o c'p' { 'u'w'f k'gu'c'p'f 'j cxg'j g'r g'f 'vq't'gf w'eg'ut'guu'c'p'f 'k'p'et'g'cu'g'y g'r'c't'g'k'p'dggu'0'Vj g'ug'r t'q'd'k'v'k'eu' c' pf ' r t'gd'k'v'k'eu' /u'w'r q't'v'f 'h'q'f u'v'ko w'v'g'vj g'lo o w'p'g'u' v'go 'k'p'dggu'c'p'f 'ut'g'pi vj g'p'k'0'k'v'o c'ng'u'c'uki p'k'h'ec'p' eqpvt'k'dw'k'p'v'q't'gf w'el'pi 'vj g't'k'm'i'q'h'f k'ug'cu'g'c'p'f 'k'p'h'g'v'k'p'f vt'kpi 'vj g'qxgty kpvgtkpi 'r tqeguu'0'k'p' c'f f k'k'p'v'q' 'vj g'ug' kppqxcv'kg'r tce'v'kgu. 'vj g'r qu'k'k'p'k'pi 'qh'dggj k'x'g'u'k'p' u'w'k'c'drg' c't'g'cu' h'q' 'qxgty kpvgtkpi 'c' pf 'vj g' o k'et'q'er'ko c'v'e'ej c't'c'v'g't'k'k'eu'q'h'vj g'ug't'g'i k'p'u'j cxg'c'n'q'dggp'go r j cu'k' g'f'0'Q'r v'ko c'n'r r'ego gpv'qhl'j k'x'g'u' h'q' 'qxgty kpvgtkpi 'j g'r u'dggu'v'q' n'g'r 'vj g't'g'p'gti { 'pggf u'c'v'c'p'qr v'ko wo 'r'x'g'n'c'p'f 'r t'q'v'ev'vj go 'h'q'o ' g'p'x'k'q'po gpvcn'lut'guu' h'c'v'q'tu'0'Vj ku' u'w'f { 'u'w'i g'u'u'v'j cv'vj g'k'p'v'gi t'c'v'k'p'q'h' kppqxcv'kg'r tce'v'kgu'f vt'kpi 'vj g' qxgty kpvgtkpi 'r g't'k'f 'e'c'p'k'p'et'g'cu'g'vj g' h'k'ng'ij q'q'f 'q'h'dgg'ut'x'k'cn' k'p'et'g'cu'g'j q'p'g' { 'k'g'r' c'p'f 'eqpvt'k'dw'g'v'q' vj g'u'w'v'k'p'c'd'k'k'v' q'h'dggu'c'p'f 'dgg'r t'q'f w'eu'0

**Key Words:** 'Rt'q'd'k'v'k'eu' c' pf ' r t'gd'k'v'k'eu. 'y kpvgtkpi 'cr r rdecvkpu. 'ug'p'u'qtu. 'ut'guu. 'dgg'r t'q'f w'eu'

#### ÖZET

Dw'o c'ng'g. 'd'c'n'c't. n'ct. p. p' m' n'vo c' u'Åt g'el'p'f g' h'w'w'p. n'p' i' g'r'p'p'g'n'g' { 3/4 v'go r'gt'k'p' u. p. n'ct. 'x'g' u'q'p' f' 3/4 p'go f' g' m'w'w'p. m' c' { ' dc n'p'c'p' k'p'q'x'c'k'h' w'i w'ro c'rt. p' k'p'eg'n'p'o g'ul'p'k' co c'±ro c'm'c'f. t'0' C't. n'ct'f'c. " m' n'vo c'

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w{i wrcu cu, "ct, "nqmpkrgtklpk" m "c{rt, pf c" j c{cvp, "kf co g" gwtkro gukp" uc rc{cp" xg" ct, rt, p" gpgtlk" kj v{k c+rt, . "dgungpo g. "nqxc" k+k' u, ecmm, n' xg" pgo "nqvtqn" i kdk' ntktgtrtkp" f kmvrg" w{i wrcu cu, "xg" k rgpkro guki gtgnp' dkt' u" g+vt O Gunk' g' dc n' i grgpgmgnm, rvo c' w{i wrcu crct, . "kmo "f g k kmk k' g' n' k' k' c| cmo c. "ctvcp" +gxtgugn' utgu' hcm' rgtk' g' n' k' k' k' o' k' p' k' g' g' v' o' g' "xg" n' g' g' n' ct, "r qr wrcu{ p' rct, pf c' k' c| cm crct, "p' rgo gf g' muo gp' dc ct, n' q' r' d' k' k' k' v' t' O' D' w' f' w' t' w' o' w' p' u' q' p' w' e' w' p' f' c' m' rvo c' w{i wrcu cu, "kg' h' i' k' k' w{i wrcu cu, "i gtgnp' k' p' q' x' c' v' h' "xg" { g' p' k' u' t' e' v' g' l' k' r' t' k' p' i' g' r' k' v' t' k' m' g' u' k' l' j' v' k' c' e, "q' t' v' c' { c' +, m' o , v' t' o' }

Uqp" | co cp' rctf c" w{i wrcu c{c" dc rc{cp" { g' p' k' k' m' k' } { 3/4 p' y' o' r' g' t. " ct, " nqxc' p' rct, pf c" u, ecmm, n' xg" pgo " ugxk' g' r' g' t' k' p' k' u' g' p' u' r' g' t' ctce, n , { r' " k' r' g' p' o' g' u' k' x' g' d' w' x' g' t' k' r' g' t' k' p' q' v' o' c' v' k' n' i' n' q' p' t' q' n' i' u' k' u' g' o' r' g' t' k' r' g' q' r' v' o' k' g' g' f' k' o' g' u' k' i' k' d' k' v' e' n' p' q' m' l' k' n' i' g' r' k' o' g' r' g' t' k' n' e' r' u' c' o' c' m' c' f' , t' o' D' w' { 3/4 p' y' o' r' g' t. " ct, rt, p" m " o' g' x' u' k' o' p' f' g' g' p' g' t' l' k' i' g' t' g' m' u' p' k' o' r' g' t' k' p' k' f' A' A' A' n' g' p' . " nqxc" k+k' nq' w' r' e' t' , p' u' c' d' k' v' n' e' m' c' u' , p' c' f' c' n' e' v' m' f' c' d' w' a' p' w' t' o' M, rvo c' f' 3/4 p' o' k' p' f' g' ct, rt, p" utgukp' f' A' A' o' g' { g' { 3/4 p' r' k' n' i' q' r' e' t' c' n' i' g' r' k' v' t' k' r' g' p' r' t' q' d' k' q' v' k' n' i' x' g' r' t' g' d' k' q' v' k' n' i' k' e' g' t' g' p' d' g' u' n' g' p' o' g' r' t' q' i' t' e' o' r' t' , p' , p' g' v' n' k' r' g' t' k' d' k' t' + q' n' i' + c' n' o' c' f' c' 3/4 p' o' r' k' d' w' a' p' o' w' x' g' ct, rctf c' utguk' c| cmo , "t' g' h' c' j' , p, " k' u' g' c' t' w' t' o' c' { c' { c' t' f' , o' e, "q' m' w' w' t' o' D' w' r' t' q' d' k' q' v' k' n' i' x' g' r' t' g' d' k' q' v' k' n' i' g' t' f' g' u' v' g' m' k' d' g' u' k' p' r' g' t. " ct, rctf c' dc , , m, n' i' u' k' u' g' o' k' p' k' w' i' c' t' e' t' c' n' i' i' A' n' g' p' o' g' u' k' p' k' u' c' r' t' o' M, rvo c' u' A' g' e' k' d' q' { w' p' e' c' j' c' u' v' c' n' i' x' g' g' p' h' e' m' i' k' q' p' t' k' u' n' k' p' k' f' A' A' o' g' f' g' 3/4 p' o' r' k' d' k' n' e' v' m' u' c' r' t' o' D' w' { g' p' k' k' m' k' w' i' w' r' c' o' c' r' e' t' c' g' m' i' q' r' e' t' c' n' i' c' t, " nqxc' p' r' c' t, p' m' rvo c' k' e' p' w' i' w' p' d' 3/4 i' g' r' e' t' f' g' n' a' p' w' o' r' e' p' f' , t, m' c' u, " xg" d' w' d' 3/4 i' g' r' e' t' k' p' o' k' n' t' q' m' i' k' o' c' v' k' n' i' 3/4 g' n' i' k' m' g' t' k' A' g' t' k' p' f' g' f' g' f' w' t' w' o' w' w' t' o' M' q' x' c' p' r' c' t, p' m' rvo c' k' e' p' g' p' w' i' w' p' g' n' k' r' f' g' { g' t' r' g' v' t' k' m' g' u' k' ct, rt, p" gpgtlk' k' j' v' k' c' e, p, " q' r' v' o' w' o' " u' g' x' k' g' f' g' w' w' o' c' u, p, " xg" +gxtgugn' utgu' hcm' rgtk' p' f' g' p' n' q' t' w' p' o' c' u, p' c' { c' t' f' , o' e, "q' n' w' t' o' D' w' + c' n' o' c' . " m' rvo c' f' 3/4 p' o' r' k' u' A' g' u' k' p' e' g' { g' p' k' k' m' k' k' p' q' x' c' v' h' w' i' w' r' c' o' c' r' e' t' , p' g' p' v' i' t' e' u' { q' p' w' p' w' p. " ct, rt, p" j' c' { c' w' c' n' e' m' c' k' j' v' o' c' r' i' p' k' { A' m' u' n' g' d' k' r' e' g' e' g' k' d' e' n' i' x' g' t' o' k' p' k' c' t' w' t, m' c' u, p' f' c' g' u' n' k' k' q' r' d' k' r' e' g' e' g' k' x' g' ct, " xg" ct, " A' A' p' r' g' t' k' p' k' u' A' f' A' A' g' d' k' k' r' i' k' k' p' k' n' e' v' m' u' c' r' c' d' k' r' e' g' e' g' k' d' g' r' i' k' v' k' o' g' m' g' f' k' t' o' }

**Anahtar Kelimeler: 'Probiyotik ve prebiyotik, kışlatma uygulamaları, sensörler, stres, arı ürünleri'**

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### VOCATIONAL QUALIFICATION AND ITS ROLE IN THE LOGISTICS INDUSTRY: A REVIEW IN THE CONTEXT OF TURKIYE

Mesut Selamoglu

Ngewt gt. 'Quo cpkfg' Mqtmw' Cw' Wpkxgtukf. 'Dcj eg' Xqecvkqpcn' Uej qqn' O cpci go gpv' cpf 'Qti cpkfg' cvkqp."

Quo cpkfg. 'Vwt nkfg'

QTEK 'KF <2222/2224/78; 5/6994"

#### ABSTRACT

Vqf c{. "y kj "vj g"cf xpego gpv' cpf "ej cpi g"lp"vgej pqmji { . "pcvkqpcn' cpf "kpvgtpcvkqpcn' eqo r gvkxqp" cpf "kppqxcvkqp" lp" tcf g" j cxg" dgeqo g" vj g" o quv' guugpvkcn' vj kpi u0' Vq" uweeggf " lp" uwej " eqo r gvkxg" ektewo ucpegu. "vj g' eqo r cpkgu' t{ "vq" o ggv' vj g' wmkc cvg" qdlgevkxg" qh' mji kuleu< o ckpvcvkqpcn' "vj g' f gukt gf " ngxgn' qh' ewuwo gt "ugt xleg" cv' o kpkc wo "equv' y kj "cp" lpetgcukpi "s wcrkfg" qh' vj g' r tqf wev' Qpg" qh' vj g' o quv' r tko ct { "gZR gpugu" hqt "vj g' eqo r cpkgu' ct g' mji kuleu" equu' Vj gug' equu' ecp' dg' tgf wegf " cpf " xcmwg" cf f gf "vq" vj g' eqo r cp { "d { "j cxkpi "ur gekcrkfg" gf " cpf " s wcrkfg" j wo cp' t guqwtegu' Vj g' pggf " hqt " c' unkmfg" cpf " gs wkr r gf " y qtnhqt eg" lp" vj g' ugevt " j cu' dtqwi j v' cdqw' vj g' guxcdkuj o gpv' qh' j ki j gt " gf wevkqp" kpvkwwkqpu" qh' hgt kpi " mji kuleu' tcklpi " r tqi tco u0' Ego r cpkgu' j cxg' cmq' uvt vgf " f khhgt gpv' tcklpi " r tqi tco u' hqt " vj gk' r gt uqppgn' vq" kpetgcug" vj gk' " gZR gt vkug' Vj ku' hqewu" qp" f gxgnr kpi " s wcrkfg" j wo cp' t guqwtegu" ku" ko r qtvcpv' hqt " cp" ghgevkxg" o cpci go gpv' qh' mji kuleu" equu' cpf " hwt vj gt " ko r tqxgo gpv' lp" eqo r gvkxgpggu' O' Cu" eqo r cpkgu' kpxgu' lp" j wo cp' ecr ken " vj g { " cmq" j ct xguv' vj g' dgpghku" qh' f ki kcn' vgej pqmji kgu' uwej " cu' dki " f cve" cpcn' vku. " KqV. " cpf " CKq" hwt vj gt " qr vko k g' mji kuleu" qr gtcvkqpu' Vj g' vgej pqmji kgu' r tqxkf g' tgcn' vko g' f cve" cpcn' uku" hqt " ko r tqxgf " f gekukqp/ o cmkpi " cpf " ghhekgpv' o cpci go gpv' qh' vcuu' kpxqrxgf " lp" mji kuleu. " uwej " cu' tqwg" r rcpkpi " cpf " kpxgpvt { " eqpvtqr' Vj uwo " k' cm' wr . " vj g' eqo dkpcvkqp" qh' ur gekcrkfg " tcklpi " y kj " ewkpi / gf i g' vgej pqmji kgu' j gr u' c' eqo r cp { " tgf weg" ku" equu' lp" mji kuleu. " ko r tqxg' vj g' s wcrkfg" qh' r tqf wev. " cpf " rgef " lp" cp' gxgt/ ej cpi kpi " o ctngv' r eg' O' Nqpi / vgt o " uweegu' y knidg' cp' kpxguo gpv' lp" j wo cp' t guqwtegu' cpf " vgej pqmji { 0

**Keywords:** "xqecvkqpcn' s wcrkfg' cvkqp. " mji kuleu' kpf wut { . " tcklpi "

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ugf ko gpvcvkqp'vr 'vq'46'j qwtu'kp'cnlr tgr ctgf 'hwkf'uco r ngu0Ceeqtf kpi 'vq'vj g'htlevkqp'eqghlekgpv't guwmu." vj g'cf fkkqp'qh'j DP 'kp'kpetgculpi "co qwpw'lp'CVH'KKrgf "vq'c'f getgcug'kp'vj g'htlevkqp'eqghlekgpv."y kj " vj g'my guv'xcnwg'qdugtxgf "kp'CVH'KKqki'eqpvckpki "20' "j DP 0Hqt"xqno gvtle"muugu."vj g'my guv'y gct" y cu'qdugtxgf "cv'20' "j DP "wpgt'ny gt'hqfu."y j kg'wpgt'j ki j gt'hqfu"\*32P"cpf "42P+."vj g'20' "j DP " uco r ng'uj qy gf "vj g'ngcu'y gct0'Qxgcm"vj g'tguwmu'f go qpvtcvgf "cp"cr r tqzko cvg'tgf wvkkp'qh'7' "kp" htlevkqp'eqghlekgpv'cpf "ctqwpf'66' "kp"xqno gvtle'y gct'quu0"

**Keywords:**'Cwqo cvk'Vtcpuo kukqp'Hwkf.'j DP .'Htlevkqp.'Y gct0'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TECHNOLOGICAL DIAGRAM AND MATHEMATICAL MODELING OF THE PRODUCTION OF HUMATE-CONTAINING COMPLEX MINERAL FERTILIZERS

*Bekzhan OMAROV*

*Uqwj 'Mc|cnj uacp'Wpkxgt ulx' pco gf 'chgt 'OOCwg/qx. 'Tgugctej 'Cuuqekcyg''*

*QTEK 'K' <2222/2225/3; 25/: 688''*

*Batyrzhan TEMIRKHANOV*

*Rj F 'Ecpf kf cvg. 'Cpntc 'J ce, 'Dc{tco 'Xgrk'Wpkxgt ulx'. 'Cpntc. 'VÄtnk' g0'*

*QTEK 'K' <2222/2223/963; /2557''*

#### ABSTRACT

Vj ku'ctveng'f luewuugu'vj g'o clp'uci gu'qh'vj g'vgej pqm { "hqt" r t q f v e k p i " j w o c v g / e q p v c k p k p i " o k p g t c n i " h g t v k k g t u O ' K ' f g u e t k d g u " o g v j q f u " h q t " q r v o k k p i " v j g " e q o r q u k k a p " q h " h g t v k k g t u " w u k p i " r t q f v e k a p " y c u g " u w e j " c u " r j q u r j q t k g u . " e q c n " c p f " x g t o l e w k s g O ' C " o c v j g o c v k e c n " o q f g n " d c u g f " q p " t g i t g u u k a p " c p c n f u k u " k u " r t q r q u g f " h q t " r t g f l e v p i " v j g " e q o r q u k k a p " q h " h g t v k k g t u " f g r g p f k p i " q p " x c t k q w u " h c e v t u O ' O q f g r k p i " c m y u " r t g e k u g " t g i w a v k a p " q h " h g t v k k g t " e q o r q p g p v u . " y j k e j " k p e t g c u g u " v j g k " g h g e v k g p g u u " c p f " t g f v e g u " g p x k t q p o g p v c n ' l o r c e v O ' V j g " c t v e n g " c n q " r t g u g p w " f c v c " q p " v j g " k p h w e p e g " q h " j w o c v g / e q p v c k p k p i " h g t v k k g t u " q p " u q k i ' s w e r k v f " c p f " c i t l e w n w t c r l e t q r " { k g r f u O '

**Keywords:** j wo cvg/eqpvckpkpi " hgtvkkgtu." r t q f v e k a p " v g e j p q m i { . " o c v j g o c v k e c n " o q f g n " t g i t g u u k a p " c p c n f u k u . " g e q m i { . " c i t l e w n w t g . " j w o l e " c e k f u O ' "

*Vj ku' t g u g c t e j " j c u " d g g p " h w p f g f " d l " v j g " U e k g p e g " E q o o k w g g " q h " v j g " O k p k a t { " q h " U e k g p e g " c p f " J k i j g t " G f w e c v k a p " q h " v j g " T g r w d n k e " q h " M c | c n j u a c p " J P q O ' 3769556: \_0'*

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#### DEVELOPMENT AND EVALUATION OF ATORVASTATIN LOADED TRANSETHOSOMAL GEL WITH ENHANCED PERMEABILITY FOR EFFICIENT WOUND HEALING

Sumiya Gul, Dr. Fakhar-Ud-Din, Zakir Ali

S w e l f / k C / c o " W p k x g t u k l " K u r o c d c f 0

#### ABSTRACT

Y q w p f " j g e r k p i " k u ' c ' e q o r n g z ' r t q e g u ' t g s w t k p i " g h h e c e { " v j g t c r g w l e " k p v g t x g p v k a p u " v q " c e e g r t c v g " t g e q x g t { " c p f " l o r t q x g " q w e q o g u 0 ' C v t x c u c v k p " \* C V T + " n p q y p " h q t " k u " c p k / k p h r o o c v q t { " c p f " y q w p f " j g e r k p i " r t q r g t v k u . " h e g u " e j c m g p i g u " t g r v g f " v q " k u " r q q t " y c v g t " u q n d k k v " c p f " u n q y " t c v g " q h " f k u u q n w k a p 0 ' X c t k q w u " o g y q f q m i k g u " j c x g ' d g g p " c f c r v g f " v q " c f f t g u u " v j g u g ' r t q d r g o u 0 J q y g x g t ' r q q t " k p v g t p c n h e c r k c v k a p " q h " f t w i " t g u w n u " k p " t g f w e g f " g h h e c e { 0 ' V j k u " u w f { " c l o u " v q " g p j c p e g " v j g ' v j g t c r g w l e " g h h e c e { " q h " C V T " d { " f g x g m r k p i " C V T " h q c f g f " t c p u g v j q u o g u " \* C V T / V G u + c p f " e q p x g t v k p i " v j g o " k p v q " c ' i g n h q t o w r v k a p " \* C V T / V G I + w u k p i " j { f t q z { r t q r { n o g y { r e g n w a q u g " \* J R O E + " h q t " v q r k e c n ' c f o k p k n t c v k a p 0 C V T / V G u " y g t g " r t g r c t g f " w u k p i " v j g " v j k p " h k r o " j { f t e v k a p " o g y q f " c p f " q r v o k k g f " v j t q w i j " c " D q z / D g j p n g p " f g u k i p . " h q e w u k p i " q p " r c t v l e n g " u k g " \* R U O : " j g c " r q v g p v k n " \ R O : " c p f " g p v t c r o g p v g h h e k e p e { " \* G G + 0 k p f g r g p f g p v x c t k c d r g u " k p e n f g f " r e g e k j k p . " w y g g p " : 2 . " c p f " g y c p q n 0 ' V t e p u o k u k a p " g r e v t q p " o k e t q u e q r { " \* V G O + " c p f " H q v t k g t " v t c p u h q t o " k p h t c t g f " u r g e v t q u e q r { " \* H V K T + y g t g " g o r m j { g f " h q t " b o q t r j q m i k e c n ' c p f " e j g o k e c n e j c t c e v g t k c v k a p . " t g u r g e v k x g n { 0 ' V j g " q r v o k k g f " C V T / V G u " h q t o w r v k a p " f g o q p u t c v g f " c " r c t v l e n g " u k g " q h " 4 5 : 0 2 0 8 0 6 8 " p o . " r q n f k u r g t u k l " k p f g z " \* R F K " q h " 2 0 8 5 0 2 0 8 : . " j g c " r q v g p v k n / q h " / 6 7 0 4 0 2 0 9 2 " o X . " c p f " g p v t c r o g p v g h h e k e p e { " q h " : 6 0 6 0 2 0 2 3 " 0 ' k p " x k t q " t g r g c u g " u w f k g u " q h " C V T / V G u . " C V T / V G I . " c p f " C V T " f k u r g t u k a p " y g t g " e q p f w e v g f " c v r J " 7 0 " c p f " r J " 9 0 6 0 C v r J " 9 0 6 . 3 2 2 " " f t w i " t g r g c u g " y c u " q d u g t x g f " h t q o " v j g " C V T " f k u r g t u k a p " k p " 6 " j q w t u 0 C V T / V G u " u j q y g f " c " f t w i " t g r g c u g " q h " ; 4 " " k p " 4 6 " j q w t u . " y j k g " C V T / V G I " f g o q p u t c v g f " c " u n q y g t " t g r g c u g " r t q h k g " y k j " 9 : " " f t w i " t g r g c u g " k p " 4 6 " j q w t u 0 C v r J " 7 0 . " v j g " C V T / V G u " c p f " C V T / V G I " u j q y g f " v q e n f t w i " t g r g c u g " q h " : 6 " " c p f " 9 2 " " k p " 4 6 " j q w t u . " t g u r g e v k x g n { 0 ' G z " x k x q " r g t o g e v k a p " u w f k g u " w u k p i " H c p l " f k h h u k a p " e g m u " t g x g c r g f " e w o w r v k x g " r g t o g e v k a p " t c v g u " q h " 5 9 8 0 5 6 0 3 0 5 2 " i l e o " h q t " C V T / V G u . 4 : 2 0 6 9 4 0 2 0 4 " i l e o " h q t " C V T / V G I . " c p f " 3 2 3 0 4 5 7 0 3 0 8 " i l e o " h q t " C V T / R I " c v r J " 9 0 6 . " k p f k e c v k p i " v j g " u w r g t k a t " r g t o g e v k a p " r t q h k g " q h " C V T / V G u 0 C V T / V G I " f g o q p u t c v g f " c " u n q y g t . " u w u c k p g f " t g r g c u g " f w g " v q " v j g " i g n " o c v t k z . " d g p g h e k e c n " h q t " r t q m p i g f " v q r k e c n ' c r r d e c v k a p 0 k p " x k x q " y q w p f " j g e r k p i " g h h e c e { " y c u " g x c n w e v g f " w u k p i " c " b k e g " y q w p f " b q f g n " y k j " l o c i g u " f q e w o g p v k p i " y q w p f " e q p t c e v k a p " q x g t " 3 6 " f c { u 0 ' C V T / V G I / t g c v g f " y q w p f u " u j q y g f " u k i p k h e c p v " e q p t c e v k a p " e q o r c t g f " v q " w p v t g e v g f " e q p t q n u . " j k i j r k i j v k p i " v j g " h q t o w r v k a p " u " r q v g p v k n " k p " c e e g r t c v k p i " y q w p f " j g e r k p i 0 ' V j g " t g u w n u " u w i i g u v " v j c v " C V T / V G I " r t q x k f g u " l o r t q x g f " r g t o g e v k a p . " u w u c k p g f " t g r g c u g . " c p f " g p j c p e g f " v j g t c r g w l e " g h h e c e { " h q t " v q r k e c n ' y q w p f " j g e r k p i " c r r d e c v k a p u 0 "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### BIOLOGICAL CONTROL OF MAJOR BACTERIAL DISEASES OF RICE (ORYZA SATIVA L.)

<sup>3</sup> Research Assistant Nida UYSAL

<sup>3</sup> Pk f g" o gt "J crkf go k "Wpkxgt ukf. "Hcewnf "qhlCi t kewnwt cn'Uekgpegu"cpf "Vgej pqrqi kgu. "F gr ctwo gpv"  
qhlRrcpvRtqf wevkqp"cpf "Vgej pqrqi kgu. "Pk f g. "VÄtnkf g"  
QTEK "Kf zj wr uÄlqt ekf Qiti D222/2224/96; 9/: 499"

#### ÖZET

Rktk±"Qt//c "ucvxc"NO:"f Äp{c"pÄmwupw"pgtf g{ug}{ct,u,pf cp"hc| r u,p,p"dgungpo gukpf g"mwrcp,rcp" vgo gn'i ,f c"o cf f grgtkpf gp"dk"vcpgukf kt'0'Mctdqj kf tev."rtqvgk" xg"vgo gn'xkco kp"nc{pc , "c±,u,pf cp" qrf wnc" | gpi kp"qrcp"zpgvo rk' dk"vcj ,rf ,t0[ cr ,rcp"dw±cn, o c." r ktp±" Ägvko kpf g"zpgvo rk' dcmgtk' gn' j cuenmctf cp"qrcp" dcmgtk' gn' {cr ten' {cp,m , "dcmgtk' gn'ucmo " {cp,m , "hk' g" {cp,m , "xg" dcmgtk' gn' nej xgtgpi k' ±k' i k' i kdk' j cuenmctc" f gtripo k vt'0' Dk' qmlkn' nupvtqn" nko {cuenmctc" net , "cngtpcvkh" dk" o Äecf grg" {zpgvo kf kt'0' Rcvlqg" qm c{cp" dcmgtk' f c" f cj ki' qm cni' Ä gtg" dk" ±qm' o kntqati cpk' o c" r qvcuk' gn' dk' qnupvtqn' clepnt, "qrcteni' mwrcp,m cmcf ,t0' Rktk±" dcmgtk' gn' j cuenmct, " Ä gtkg=" Rugvf qo qpcu. "Dekmu. "Dwt nj qif gk. "Gpvt qdcevt. "Rcpvqg. "Ut gr vqo {egu. "N/ uqdcevt "cpvdk' qvku" xg" F grhk "umt vj cvgpuku" i kdk' dk' qmlkn' nupvtqn' clepnt, "w' i wrpo , vt'0' Dk' qmlkn' o Äecf grg" {zpgvo rgtk' r ktp±" dcmgtk' gn' j cuenmct, p,p" {zpgvo kpf g" uÄf Ä Ägdkt" xg" ±gxtg" f quw' dk" {cnc , o , "vgo uki' gvo gmgf kt'0' Dwpwr" dkrng. "o gxew" {zpgvo rgtk' k' krg vto gn' xg" dk' qmlkn' nupvtqn' p' gn' kpk' k' xg" uÄf Ä Ägdkt' rik k' k' ctv, cp" {gp' k' utcvlkg' i gik vto gmlk±p' f cj c' hc| rc±cn, o c" {cr ,m cu, zpgtko gmgf kt'0' **Anahtar kelimeler:** Qt//c "ucvxc"NO" r ktp± "dcmgtk' gn' j cuenm" dk' qmlkn' o Äecf grg

#### ABSTRACT

Tleg"Qt//c "ucvxc"NO"ku" c' ucr ng' hqqf "hqt" qxgt "j crh' vj g' y qtrf u' r qr wrvqp0' k' ku" c' o clqt "egtgcni' etqr "kp" tlej "uqwteg" qh' ectdqj {f tcvgu. "rtqvgk. "cpf "guugpvkn' xkco kpu0J qy gxgt. "tleg" r tqf wevkp' ku" uki' phtkcpv" vj tgcvgpgf "d{ "xctkqu" dcevtkni' f kugcugu. "kpenf kpi "dcevtkni' rgh' dri j v. "dcevtkni' rgh' utgcm" dcevtkni' r cpleng" dri j v. "uggf r kpi "dri j v. "cpf "dcevtkni' dtqy p" utkr g0' Vj ku" t gxlgy "hqwugu" qp" o clqt "dcevtkni' f kugcugu" chgevpki "tleg. "kpenf kpi "dcevtkni' rgh' dri j v. "dcevtkni' rgh' utgcm" dcevtkni' r cpleng" dri j v" u{ p- dcevtkni' gct" dri j v" cpf "dcevtkni' i tclp" tqv: "uggf r kpi "dri j v. "dcevtkni' dtqy p" utkr g0' C" tci g" qh' o letqati cpkuo u. "uwej "cu" Rugvf qo qpcu. "Dekmu. "Dwt nj qif gk. "Gpvt qdcevt. "Rcpvqg. "Ut gr vqo {egu. "N/ uqdcevt "cpvdk' qvku. "cpf "F grhk "umt vj cvgpuku. "j cxg" dggp' kf gpvkhf "cu" r qvkvkn' dk' eqpvtqn' i gpw0' Y j krg" r tqo kulpi. "hwt vj gt" tgugetej "ku" pggf gf "vq" qr vko k' g" gzkvki "o gj qf u" cpf "f gxgr" "kppqxcvkg" utcvgi kgu" vj gpj cpeg' vj g' g' hkece {cpf "uwvckpcedkrf "qh' dkqmi kcn' eqpvtqn' k' tleg' r tqf wevkp0' **Keywords:** Qt//c "ucvxc"NO" tleg. "dcevtkni' f kugcug. "dkqmi kcn' o cpci go gpv"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ARAÇ KİRALAMA SEKTÖRÜNDE YENİLİKÇİ ÇÖZÜMLER: LEGEND CARS PROJESİ INNOVATIVE SOLUTIONS IN THE CAR RENTAL INDUSTRY: LEGEND CARS PROJECT

*Kasymbekov Almasbek*

*Toktasov Nurdaulet*

*Dr. Alina Amanzholova*

*QTEKF "KF <2222/2225/2592/9867"*

*Cnj o gv[ ciucy k'KpvgtpcvkqpcnMc|cnj/Vwt nkuj 'Wpkxgt ukf. 'Vwt nkucp. 'Mc|cnj uacp"*

*Prof. Dr. Aysun Coşkun*

*QTEKF "KF <2222/2224/: 763/; 6; 9"*

*I c/k'Wpkxgt ukf. 'Cpnc t.c. 'VAt nkf g"*

#### ÖZET

Ctc±'nktcrco c."i ĀpĀo Ā f g" ctvcp" vchkn'xg" cm{cr, " {q wpmw w" pgf gpk{rg" 34pgo rk' dkt" j k o gv" j crkpg" i gm k kt0Dw±cn, o c."o gxew'ctc±'nktcrco c'ukugo rgtkpk'gmknkmgtpk'dgkrg{gtgm' gpkkmk'dkt "±4 Āo " qncp'Ngi gpf 'Ectu'r tqlgukpk'f grk vtko gukp'co c±rco cmcf, t0Rtqlg.'mwncp,e, f quw'dkt'ctc { Ā rg'gpvgi tg" gf ko k "o qf gtp"vgnpqmkggt"mwncpctcm"mwncp,e,rt,p"j v{ce,p,"net ,rc{cp"dk"r rnvhto "uwpo cmcf,t0' Y gd'ukguk"J VO N.'EUU'xg'LcxcUetk v'f kngtkpf g"vcuctrcpo , "qnr .mwncp,e,rtc±gxtko kktgl gtxcu{qp" xg"34 go g"ukugo rgtk'rg"fcj c"j ,| n" xg" xgtko rk'dkt" f gpg{ko "uc rco cmcf,t0'J VO N."uc{hcp,p" {cr,u,p," qnw wtwngp."EUU."i 34ugn' f Ā gprgo grtk' xg"o qf gtp"vcuct,o , "uc rco cmc=LcxcUetk v'kug"mwncp,e," gvnkg ko rgtk'ctvto cmcf,t0'Ngi gpf 'Ectu."34 gnmkg"j ,| n" xg'r gthqto cpu'qf em'ctc±rt,p'nktcrco cu,pc" {34pgrknuwfw w'g uk' h,tucvctrc.'ugm34f gnk'tgnedgk'ctvto c{ ,j gf ghgo gmgf kt0'

**Anahtar kelimeler:** Ctc±'nktcrco c." gpkkmk'±4 Āo rgt.'Ngi gpf 'Ectu.'Mwncp,e, f gpg{ko k'F kken' r nvhto mt.'Rgthqto cpu'ctc±rt,o'

#### ABSTRACT

Ect"tgpcn'j cu'dgeqo g"cp"ko r qtvcpv'ugt xleg" f wg"vq"vj g"lpetgcuipi "vchle"cpf "kphcuvewwtg" f gpuk{ "kp" vqf c{ u'y qtrf 0Vj ku'uwf { "cko u"vq"kf gpvh{ "j g"uj qtveqo kpi u'qh'gzkukpi "ect"tgpcn'u{ ugo u'cpf "f gxgmr" cp"lppqxcvkg"uqnwkp"j tqwi j "j g'Ngi gpf 'Ectu'r tqlgev0Vj g'r tqlgev'qhhtu" c'r nvhto "j cv'o ggw'wugt" pggf u'd{ 'wkk' kpi 'o qf gtp'gej pqm' kgu'kvgi tcvf 'y kj "c'wugt/hkpgf n' 'kpvthceg0Vj g'y gdukg'ki'f guki pgf" wukpi "J VO N.'EUU.'cpf 'LcxcUetk v'r tqxkf kpi 'wugtu'y kj "c'wugt'cpf "o qtg'ghlekpgv'gzr gtlgpeg"j tqwi j" qprkpg'tgugt xcvkp'cpf 'r c{o gpv'u{ ugo u0J VO N'eqputwew'j g'utwewwtg'qh'j g'r ci g.'y j kg'EUU'gpwtgu" xkwn'cf lwuo gpw'cpf "o qf gtp" f guki p=LcxcUetk v'gpj cpegu'wugt "kpvgtcevku0'Ngi gpf 'Ectu'cko u"vq" lpetgcu'eqo r gvkqp'kp'j g'kpf wut { 'd{ 't tqxkf kpi 'wps wg'qr r qtwpkku'ht' tgpvki "j ki j /r gthqto cpeg'cpf" hcv'xgj krgu0'

**Keywords:** " Ect" tgpcn' kppqxcvkg" uqnwkp." Ngi gpf " Ectu." Wugt" gzt gtlgpeg." F ki kcn' r nvhto u." Rgthqto cpeg'xgj krgu0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### FORMATION OF STUDENTS ' MEMORY THROUGH VIRTUAL LABORATORY MATERIALS

A. Tolep, N. Salybekova

*Қығт пс қарна Ме / сн / Vwt nkuj 'Wpkxgt ukx / 'pc o gf 'chgt 'Mj qlc 'Cj o gf 'I cucy k 'Vwt nguxp. 'Me / снj uxp"*

#### ABSTRACT

Vj g"ctveng"gzr mtgu"vj g'r tgeuu"qh'o go qt { "hqtо сvқар"lp"uwf gpw"vj tqwi j "vj g"aug"qh'xkt wcn'rdqtcvqt { " o cvgtkcn'0'kp"vj g"eqpvz'v'qh'vj g'f ki kcrk' cvқар"qh'gf wecvқар. 'xkt wcn'gpxtqpo gpw'j cxg"dgeqo g'c'etwekn' vqni'ht"gpj cpekpi "vj g"ghgevxgpguu"qh'vj g'gf wecvқарcn'r tgeuu'Vj g'r cr gt"gzco kpgu"eqpvgo r qtct { " cr r tqcej gu"vq"vj g"aug"qh'xkt wcn'rdqtcvqtkgu"cpf "vj gk"ko r cev'qp"eqi plkxg"r tgeuugu." r ctvewrtn { " qr gtcvқарcn'cpf "npi /vgo "o go qt { 0Ur gekn'cvgpvқар"ku'i kxgp"vq"o gyj qf u'f guki pgf "vq'etgcvg'kpvtcevxg" cpf "r gtuqpcrk' gf "ngctpki "gpxtqpo gpw'vj cv'hqvg't'cevxg"uwf gpv'gpi ci go gpv'Vj g'hpf kpi u'htqo "vj g" r tcevecn'cr r necvқар"qh'xkt wcn'rdqtcvqt { "o cvgtkcn'f go qpwtcvg'c'r qukkxg"ghge'v'qp"vj g'o go qtk'cvқар" cpf "tgecm'qh'gf wecvқарcn'eqpvgo'Vj g"ctveng"ku'kpvgpf gf "hqt"gf wecvqtu."tgugctej gtu."cpf "gf wecvқарcn' vgej pqmji { "f gxmqr gtu'uggnki "vq"gpj cpeg"vj g's crkx' "qh'gf wecvқар"vj tqwi j "kppqxcvxg"vqnu'0

**Keywords:** o go qt { . 'ngctpki . 'xkt wcrkx' . 'rdqtcvqt { . 'vgej pqmji { . 'f ki kcrk' cvқар. 'eqi plkq. 'kpvtcevxkx' . " gpgtqple'tguvtegu."kppqxcvқар0



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### İNSANSIZ KARA ARACI TEKNOLOJİSİNE YÖNELİK YENİ NESİL TASARIM PROGRAMI GELİŞTİRİLMESİ DEVELOPMENT OF A NEXT-GENERATION DESIGN PROGRAM FOR UNMANNED GROUND VEHICLE TECHNOLOGY

Öğr. Gör. Dr. Cüneyd Demir

M,t gj kt 'Cj kGxt cp 'Opkxgt ukuguk 'O wewt 'O gugnm[ Āmugnqmww: 'Dki kuc { ct 'Vgnpqrlkrgt k'D³/4Āo Ā " QTEK 'K' <2222/2224/684: /99: 8"

Prof. Dr. Mustafa Bozdemir

M,t ,mncrg 'Opkxgt ukuguk 'M,t ,mncrg 'O gugnm[ Āmugnqmww: 'O cnkpg'xg' 'O gvc n'Vgnpqrlkrgt k'D³/4Āo Ā " QTEK 'K' <2222/2224/; 554/4276"

#### ÖZET

Uqp" { ,mctf c" ucxwpo c" ucpe { kıkpf g" f kmcv ±gnp " vgnpqrlknl { gpkrlmgtkp" dc , pf c" kpucpu | " nctc" ctc ±rt , " \*MC+ " { gt" cm cmcf , t0' Dw' vgnpqrlkrgt . " cungtk' ukngo rgtkp" o qf gtpk cu { qpwpf c" ³/4pgo rk' dkt" tqn' q { pco cmcf , t0' pucpu | " nctc" ctc ±rt , . " hctm " qr gtcu { qpgn' i gt gmlpko rgtg" { cp , v' xgtgdkrn gml ktp" j , . " f c { cp , mnm " o cp gxtc" ncdkrlk' gk" ucdkrlk . " nqpvqn' gf krgdkrlkrlm " ±gxtg" nq wrcr , pc" w { wo " uc nco c" { gvgpg k" mncrp , o " nqr { n , " xg" i Āxgpkrlkrlm' i kdK' ³/4 gnlmgtg" f qpcevmo cmcf , t0' Dw' wpuwrct . " cungtk' qr gtcu { qprctf c" kpucp" i ĀeĀpĀ" gp" c | c" kpf kto g { k' xg" qr gtcu { qpgn' gnlprk k' Āu' f Ā g { g" ± , ncto c { , " j gf ghgo gmgf kt0Dw' dc nco f c . " kpucpu | " nctc" ctce , " gnlp" vcuct , o " xg" i grk vto g " uĀtg ± rgtkp k' f guvgmg { gp" { ³/4pgo rgtkp' kpegrgo guk' xg" w { i wrpo cu , dĀ [ Ān³/4pgo 'vc , o cmcf , t0'

Dw' ±cn , o c . " kpucpu | " nctc" ctc ±rt , p , p" vcuct , o " xg" i grk vto g " uĀtg ± rgtkp f g" { cr c { | gm- " vgnpkmltkp" { gpkrlmkt' mncrp , o , p , " grg" cm cmcf , t0' Dw' ±cn , o cp , p" co ce . " kpucpu | " nctc" ctc ±rt , p , p" vcuct , o " uĀtgelpf g" xgtko rklk k' ctv , tcecm' xg" f c j c " j cuucu' uqpwrct " uc n { ceem' dkt" vcuct , o " r tqi tco , " i grk vto gmkt0' Vcuct , o " r tqi tco . , " mncrp , e , " f quw' dkt" ctc { Ā " xg" f kpcn kncprk' ³/4 grkmltk' krg" f guvgmgpp" vcuct , o " r tqi tco , p , p" i grk vto g " uĀtgelpk' xg" mncrp , rp" vgnpkmltk' c { t , pv , n " gnlk' g" c ± , ncto cmcf , t0' Rtqi tco , p" vgo grkpk" u , p , hrcpf , to c' cni qtko crct , Ā gtlpg' hrtwv' h' gp" { cmp' nqo w \*mPP + qnw wto cmcf , t0' Ycn , o cf c . " mncukn' { ³/4pgo rgtkp' u , p , tn , ncrf , , " vcuct , o " qr vto k cu { qprct , . " cnkpg" ³/4 tpo guk' f guvgmk' cni qtko c " mncrp , nctm' k' krg vtko k vto'

Dw' ner uco f c . " m' gp" { cmp' nqo w' o cnkpg" ³/4 tpo guk' cni qtko cu . " ; : " f g gtlpf g" { Āmugn' f q twvni' xg" i gpgn' i g ±gt" r gthqto cpu' ugti krg { gtgn' k' k' uqpwrct " xgtf k k' i ³/4 ngo ngpo k vto' Dw' xgtkrgt" , , , pf c . " m' gp" { cmp' nqo w' wdcpn " o qf gn' kpucpu | " nctc" ctce , " vcuct , o , pf c" qr vto wo " ±³/4 Āo rgt" uwpcdkn gmgf kt0Dw' ±cn , o cp , p . " ucxwpo c" ucpe { k' xg" f k gt" gpf Āmkt' gr' w { i wco crctf c" kpucpu | " nctc" ctc ±rt , p , p" vcuct , o " uĀtg ± rgtkp" ³/4pgo rk' hrcvnrct " uwo cmcf , t0'

**Anahtar Kelimeler:** pucpu | "Mctc" Ctc ±rt , . " O cnkpg" tpo guk' mPP "

#### ABSTRACT

Kp" tgegpv" { gtu . " wpo cppgf " i tqwpf " xgj lergu" \*W Xu" j cxg" go gti gf " cu" qpg" qh' vj g" o quw' pqvcdng" vgej pqmı kecn' kppqxcvkpu" kp" vj g" f ghpgug" kpf wut { 0' Vj gug" vgej pqmı lgu' r r { " c" ulı pklhecpv' tqrg" kp" vj g" o qf gtpk cvkqp' qhib krlkct { ' u' ugo u0Wpo cppgf ' i tqwpf ' xgj lergu' ctg' gs wkr r gf ' y kj ' hgcwt gu' uwej ' cu' l' r ggf . " f wcdkrlk' . " o cp gwxgtdkrlk' . " ucdkrlk' . " eqpvtqmcdkrlk' . " cf cr vcdkrlk' " vq" gp xkt qpo gpvcn' eqpf kıkpu " gcug" qh' wug . " cpf " tgrcdkrlk' " vq" o gg' v' xctkqu' qr gtcvkpcn' tgs vktgo gpw0' Vj gug" grgo gpw' cko " vq" o kpkı k' j' wo cp" kpxqrxgo gpvlp" o krlkct { " qr gtcvkpu' cpf " o czko k' g' qr gtcvkpcn' ghelkpe { 0' k' vj k' eqpvz v' g' zco kpkı " cpf "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

cr r n f k p i "o g y q f u " v j c v ' u w r r q t v ' v j g " g h g e v x g " f g u k i p " c p f " f g x g n r o g p v ' r t q e g u u g u " q h ' w p o c p p g f " i t q w p f " x g j k e n g u ' k u ' q h i t g c v l o r q t v c p e g O'

V j k u ' u w f { " c f f t g u u g u " v j g " k p p q x c v x g " w u g " q h ' c t v h e k n ' k p v g n i g p e g " v e j p l s v g u " k p " v j g " f g u k i p " c p f " f g x g n r o g p v ' r t q e g u u g u " q h ' w p o c p p g f " i t q w p f " x g j k e n g u ' V j g " c k o " q h ' v j k u ' u w f { " k u " v q " f g x g n r " c " f g u k i p " r t q i t c o " v j c v ' g p j c p e g u " g h e k p e { " c p f " r t q x k f g u " o q t g " r t g e k u g " t g u w u " f v t k p i " v j g " f g u k i p " r j c u g " q h ' w p o c p p g f " i t q w p f " x g j k e n g u ' V j g " f g u k i p " r t q i t c o " k u ' f g v c k n g f " y k j " c " w u g t / h k g p f n { " k p v g t h e g " c p f " f { p c o k e " c p c n { u k i " h g c w t g u " g z r n e k p k p i " v j g " f g x g n r o g p v ' r t q e g u u " c p f " v j g " v e j p l s v g u " w u g f O ' V j g " h q w p f c v k q p " q h ' v j g " r t q i t c o " k u " d w k u " q p " v j g " m ' p g e t g u v ' p g k i j d q t u " \* m P P + " e n c u k h e c v k q p " c n i q t k j o O ' k p " v j k u ' u w f { . " f g u k i p " q r v l o k c v k q p u " y j k e j " c t g ' r k o k g f " d { " v t c f k l q p c n i ' o g y q f u . " j c x g ' d g g p ' k o r t q x g f " w u k p i " c " o c e j k p g ' n g e t p k p i / u w r r q t v g f " c n i q t k j o O'

k p " v j k u ' e q p v g z v " v j g " m ' p g e t g u v ' p g k i j d q t u " o c e j k p g " n g e t p k p i " c n i q t k j o " y c u " q d u g t x g f " v q " f g r k x g t " u t q p i " t g u w u ' y k j " j k i j " c e e w t c e { " q h " ; : " c p f " q x g t c m r g t h q t o c p e g O ' k p " r k i j v q h ' v j k u ' f c v c . " v j g " m P P / d c u g f " o q f g n i e c p " q h g t " q r v l o c n i u q n w k q p u ' k p " v j g " f g u k i p " q h ' w p o c p p g f " i t q w p f " x g j k e n g u ' V j k u ' u w f { " r t q x k f g u ' u k i p k h e c p v " e q p v t k d w k q p u " v q " v j g " f g u k i p " r t q e g u u g u " q h ' w p o c p p g f " i t q w p f " x g j k e n g u " k p " v j g " f g h g p u g " k p f w u t { " c p f " q v j g t " k p f w u t k n i ' c r r n e c v k q p u O'

**Key Words:** W p o c p p g f " I t q w p f " X g j k e n g u . O c e j k p g ' N g e t p k p i . ' m P P

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#### MİLLİ SAVUNMA SANAYİSİNDE İNSANSIZ KARA ARAÇLARI: SON ÇEYREK ASIRDAKİ İLERLEMELER

#### UNMANNED GROUND VEHICLES IN THE NATIONAL DEFENSE INDUSTRY: ADVANCEMENTS OVER THE LAST QUARTER CENTURY

Öğr. Gör. Dr. Cüneyd Demir

M,t gj kt 'Cj k'Gxt cp 'Opkxgt ukxguk 'O wewt 'O gurgnl [ Āmgnqmww: 'Dki kuc { ct 'Vgnpqrlkgt kD/4Āo Ā"

QTEK 'KF <2222/2224/684: /99: 8"

Prof. Dr. Mustafa Bozdemir

M,t, mncrg 'Opkxgt ukxguk 'M,t, mncrg 'O gurgnl [ Āmgnqmww: 'O cnkpg 'xg 'O gvc n'Vgnpqrlkgt k'D/4Āo Ā"

QTEK 'KF <2222/2224/; 554/4276"

#### ÖZET

VĀtnk{g " vgnpqrlkn' dc ,o u, n ,p, " ctv, to cm' xg' cungtk' qr gtcu{ qprctf cnk' gvnkprk kpk' i Ā+rgpf kto gni co ce, {rc" { gtrk'xg'o knkr tqlgrtg'dĀ Ān'pgo 'xgto gmgf k'VĀtnk{g}pkp'o knk'ucxwpo c'ucpc { kulpf gnk'dw' cv, no . "j go "wucn'i Āxgprkn'c±, u, pf cp' utcvglkn'dk' Āu'Āpn'Ām'uc rco cmc "j go "f g'wucrtctcu, "r r'vqto f c' VĀtnk{g}k'pgo rk'dk "q { wpe'w'hpwo wpc' i g'vto gmgf k'0

Uqp'±g { tgn'cu, tf c'0 knk'ucxwpo c'ucpc { kulpf g'hc { f gf k'p'pgo r'k'grtgo grgt. 'kpucpu, | "nctc"ctc±rt, "MC+" cncp, pf c'dgrki k'p'dk" gnkf g'ngpf kpk' ¼ngto k v'0' pucpu, | "nctc"ctc±rt, . "o qf gtp'ucxc "cncp, pf c'h'k'k'k'dk" tqn' Ām'pgo k v'0' pucpu, | "nctc"ctc±rt, p, p" o vj ctgdg" i ¼gxrgtkpf g' m'ncp, o , " { c { i , pnc o , . " i Āpegn' ucxwpo c' utcvglkrgtkpf g'xc | i g±ko gl 'dk'wpuw'j c'rkpg" i gm k v'0' pucpu, | "nctc"ctc±rt, =ng kh "i ¼ g'vgo g' xg'knk'j d'ctev. "dqo dc "ko j c. "mlkukm"ucf, t, "xg" i g'k'go pk' g'v'k'g" o c { , p'xg" gpi gn'vgo k' rgo g" i ¼gxrgtkpg" nef ct" i gpk " dk" { gr c | gf g' m'ncp, m c { c' de rpo , v, t0' pucpu, | "nctc"ctc±rt, . "j , | n" o Ā'cj crg. "tkunk' d'¼ai grgtg" i ktk . "vcttw' "j ctgm-vct, . "i g'k'd'¼ai g" go pk' g'k'v'guku" i Āxgprk k'xg" | qtnw'ctc | krgtf g'cpvk/vt'¼" qr gtcu{ qprct, "i kdk'cncp'ctf c' m'ncp, rctem'qr'u, "ecp'nc { , r rct, p, ¼pgo g'c±, u, pf cp' ¼pgo kpk'nep, vco , v, t0' pucpu, | "nctc"ctc±rt, p, p" i grk ko k" qf w'pwp' cungtk' nedk'k' g'v'g'k'p' ctv, to , . " { gtrk' vgnpqrlkpkp' i grk v'k'ko g'ulpg' qncpcn'vcp, o , "xg" wucrtctcu, "cncp c' utcvglkn'pgo kpk'ctv, tctem' VĀtnk{g}pkp' m'Ā'guen' ucxwpo c'ucpc { k'rc | ct, pf c' ¼pgo rk'dk' h'pwo c'wrc o cu, p, "uc rco , v, t0'

Dw'±cn o cf c. "uqp'47" { , f c' VĀtnk{g}pkp' o knk'ucxwpo c'ucpc { kulpf g' Ā'g'v'ko k "kpucpu, | "nctc"ctc±rt, = dq { w'rt, " xg" c , tn, mct, . " m'ncp, o " co c±rt, pc" w' i w'p' q'rtcm' v'c , f, mct, " hc { f cn' { Ā'ngtk' j ctgngv' ukngo rgtkpg" i ¼g' k'p'v'ken' n'qphk' Ā'cu{ qprct, . " m'ncp, rep" o qvt' v'k' rgtk" o cmko wo " j , | rct, " xg" vqr rco " ±cn o c' u'Ā'grgtk' c±, u, pf cp" net , r'c v, t, m, v, t0' Dw' net , r'c v, to c. " hctm, " kj v'k' c±rtc" xg" qr gtcu{ qpgr' i g'g'nm'k'ngtg" w' i w'p' kpucpu, | "nctc"ctc±rt, p, p" ±g k'rk'k' kpk' xg" i grk ko kpk' cpcrk' " gvo k v'0' Xg'k'rgt. " VĀtnk{g}pkp' ucxwpo c'ucpc { kulpf gnk' vgnpqrlkn'k'grtgo grgtk'xg" dw'ctc±rt, p" qr gtcu{ qpgr' { g'v'p'gm'gtk'pk' i ¼ngt g'gn'utcvglkn'p'eg'rk'ngtk'p' d'grk'rgpo g'ulpg' { ct f , o e, "qm cmcf, t0'

Anahtar Kelimeler: " pucpu, | "Mctc"ctc±rt, . " MC. "O knk'ucxwpo c'ucpc { kul

#### ABSTRACT

VĀtnk{g' r'ncgu'uki p'k'lecpv' go rj'cuku'qp' f'qo guke"cpf "pcv'qpcn'r' tqlgevu"vq'gpj'cpeg"ku"vej'pqm'kecn' kpf gr'gp'gpeg'cpf "utgpi'vj'gp"ku"gh'gevk'x'g'p'gu"lp"o k'k'ct { "qr g'cv'k'p'u'0'Vj'ku'cf'xc'pego'gp'v'k'p"VĀtnk{g'u" pcv'qpcn'f'gh'pug'k'pf w'ut { "r' t'q'k'f'gu'c'utcvgi'ke'cf'x'cp'vci'g'ht'p'cv'qpcn'ug'ew'k'v' { 'cpf' 'r'qu'k'p'u'VĀtnk{g'cu'c" ng { "r'rc { gt'qp'vj'g'k'p'v'g'p'cv'qpcn'uci'g0'

"

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Uki pkkcepvr tqi tguu'kp'vj g'pcvkqpcn'f ghgpug'kpf wum { "qxgt'vj g'r'cuw's wctvgt/egpwt { "j cu'dggp'r ctvkwctn { " gxf gpv'kp'vj g'hgrf "qh'wpo cppgf "i tqwvf "xgj lengu" \*M X-0'Wpo cppgf "i tqwvf "xgj lengu" j cxg"cuwo gf "c" r kxqcn'tqng"qp'vj g'o qf gtp"dcwvghgrf 0'Vj gkt" f gr m { o gpv'kp'eqo dcv'o kuukqpu"j cu'dgeqo g'y kf gur tgc f . " o cnkpi "vj go "cp'kpf kur gpucdng"eqo r qpgpv'qh'ewttgpvf ghgpug'utcvgi kgu0'Wpo cppgf "i tqwvf "xgj lengu"ctg" pqy "go r m { gf "kp'c"dtqcf "tapi g'qh'vcumu. kpenw' kpi "tgeqppckuucpeg. "uwxgkncpeg. "cpf "kpvgnki gpeg. "dgo d" f kur qucn"mji kuleu. "cuucwn"cpf "tget"ugewtkv { . "cpf "o kpg"cpf "qduwerg"ergetcpeg0'Vj g"vug"qh'wpo cppgf " i tqwvf " xgj lengu" j cu" r tqxgp" guugpv'kcn' hqt" tcr kf " tgur qpug. " gpvt { " kpva" j c| ctf qwa" | qpgu. " qh'hpukxg" qr gtcvkqpu. "tget"ctgc"ugewtkv { . "hckrkv { " r tqvgevkqp. "cpf "cpvk/vgttqt"qr gtcvkqpu"kp"ej cnngpi kpi "vgttckpu. " j gr kpi "vq" r tqxgpvr qv'gpv'kcn'mau'qh'rhg0'Vj g'f gxgnr o gpv'qh'wpo cppgf "i tqwvf "xgj lengu"j cu'gpj cpegf " vj g'o kkkct { cu'qr gtcvkqpcn'ecr cdkkkku. "hckrkcvgf "vj g'i tqy vj "qh'f qo guke"vgej pqmji { . "cpf "utgpi vj gpgf " VAnk { gzu'utcvgi ke'ko r qtvpege'qp'vj g'kpvgtpcvkqpcn'uaci g. "gpcdiki "k'vq"ugewtg"cu'uki pkkcepvr qukkqp'kp" vj g'i mqdcn'f ghgpug'kpf wum { "o ctngv0'

Kp'vj ku'uwf { . "wpo cppgf "i tqwvf "xgj lengu"r tqf vegf "kp"VAnk { g)u'pcvkqpcn'f ghgpug'kpf wum { "qxgt'vj g'r'cuw' 47" { gctu"j cxg" dggp"eqo r ctgf "kp"vgo u'qh'vj gkt"uk' g"cpf "y gki j v" r c { mcf u'uwkxgf "vq"vj gkt"kpvgpf gf " r vtr qugu "o qdkkv { "eqphki wtcvkqpu'ceeqt f kpi "vq"o qxgo gpv'u' ugo u "v' r gu'qh'gpi kpgu"vugf . "o czko wo " ur ggf u "cpf "vqcn'qr gtcvkqpcn'f wtcvkqpu0'Vj ku'eqo r ctkuqp"j cu'cpcn { | gf "vj g'f kxgtukv { "cpf "f gxgnr o gpv'qh' wpo cppgf "i tqwvf "xgj lengu"vckntgf "vq" f khgt gpv'pggf u'cpf "qr gtcvkqpcn'tgs vktgo gpv'0'Vj g'f cv' kmwutcvg" vgej pqmji kecn'cf xcpego gpv'kp"VAnk { g)u'f ghgpug'kpf wum { "cpf "vj g"qr gtcvkqpcn'ecr cdkkkku"qh'vj g'ug" xgj lengu"ckf kpi "kp'vj g'f gvt o kpcvkqp"qh'utcvgi ke'r tkqtkkgu0'

**Key Words** - Wpo cppgf "I tqwvf "Xgj lengu" \*M X. "P cvkqpcn'F ghgpug'kpf wum { "

ALMAN ORYANTALİST OSKAR MANN'A GÖRE 19'UNCU YÜZYILDA MÜSLÜMANLAR VE İSLAM DİNİNİN YAYILMASINA DAİR BİR DEĞERLENDİRME  
AN EVALUATION OF MUSLIMS AND THE SPREAD OF ISLAM IN 19TH CENTURY ACCORDING TO THE GERMAN ORIENTALIST OSKAR MANN

Dr. Öğr. Üyesi Habibe TEMİZSU

*Dkpi 3/4t@płkxt ukxguk "mkucf k'xg" f ctkDtko rgt "Hc nãvnguk "Uk c ugv'Dtko k'xg" Mc o w' l' 3/p gko k'D' nãO ã. "*  
*j wru<lkqtef Qiti D222/2225/3354/8255"*

ÖZET

3; øpew' { ã { ,rif 3/pgo k"u3/ø ãri gek'r c {re ,o met"xg"go r gt {cni {ct, "cf ,pc"j ,| re"kgtrg {gp"dc "f 3/pf ããeãã dkt" | co cp" f kko k'qno w wt0'J cwc"dwpwp" dkt" {cpu,o cu,"qrcteni'oko r gkcn'egpwt {ö" kcf gukpg"o qf gtp" ±cn o crctf c"teumco cni'o ão mãpf ãt0'Go r gt {cni'i ããrgt"r c| ct"xg"j co "o cf f g"ctc { , met,"i kdk'kmkucf k' pgf gprgtk'p" f g" o qvxcu {qpw|re" f ãp {c { , " met, " met, " r c" " gf gtrngp." 3/4 grkmg" j gf gh' eq tch {crctf c" teumrf ,met, ,lc { ,u,i kwm-g'ctvcp'O ãunão cp'hærcdenmctc'f ckt'dkri k'ucj kdkqno c'kj vk'ce, k'kpf grgtf k' kpk' u,m" wwo cp,p' dkt" ±g k' {cpu,o cu,"qrctem'ngpf k'vqr nwo met,"dãp { gukpf g'f g'ctv,m'ltcuro c {c"dc rcf ,met, " O ãunão cprctc'f ckt'dkri k'f gr qrcf ,met,p,"i 3/4f ã ão ã "dcv,n'f gxrngvt."dw'dkri k'k'i ãeg"±gxkto g'i c {tgk'kmg" kmkrgo gmg {f k'0'Dcv,"f ãp {cu,pf c"3: øpek' { ã { ,n,p"uqprct,pf cp'kkdctgp"r gni±qni'crpf c" urco k' gwg'f ckt" tgemk {qprctc" gucu,pf c" crgrcf g" qt {cpvcku' f ã ãpegrt" j cnko f k' xg" dw' | kj kprgtf g" f ãp {c" knk'g" c {t,m cme {f ,0' Dw' tgemk {qpgt" {cme ,o " k'kpf g" f ãp {cp,p" Qtkgpvøp." {cpk' f q wmpc" ck' qrcteni' nupwo rcpf ,t,m , " qrcp" urco k' gv."Qeekf gpvø" {cpk'dcv,u,"k'k'p" j gr "cnkr"gf kro guk'i gtgngp" dkt"pgxk'tcnkr " qrcteni' 3/4ão ã ããt0'Dw'cnkr "xg'hupvtqn"dkri k'k'p'i ãeg'f 3/p ã ããão g'j gf gh'k'k'k'pf g'ug {tgf gtrngp."grdgwg" nk'o gf gprk'g vto g"o ku {qpw'kmg"go r gt {cni'co c±ctc"j k' o gv'gvo gni'f wwo vpf c {f ,0'U3/4 "nupwuw'o ku {qp" r ctexcp, {re"kgtrg {gp" F q w'ctc vto crct,p," pi k'k' "xg" Hcpcu,| met,p" f qo kpg" gvk k' o cnwo f wt0' Cpecn' dkj cuuc"3; øpew' { ã { ,n,p'knkpek' {ct,u,pf cp'kkdctgp"go r gt {cni {ct, "k'k'pf g'xctn ,p,"j kuugvktgp"Cm cprct" f c'F q w'ctc vto crct,"j wuwupf c'f kmc v±gnk'k'±cn o crct'qtvc {c'hq {o w wt0'DwCm cp'kuko rgt'ctcu,pf c" Qunet"O cpp."dkj cuuc" tep,"f krgt"xg" f k' crgmrgt"3/4 grkpf g"nc {f c'f g gt"3/4nããf g"±cn o crct"uwpo w wt0' 3; 23/3; 29" { ,met, " ctcu,pf c" j go " Quo cpn," vqr tcmct,pc" j go " f g" tepøc" knk' o ãj ko " kro k' ug {cj cv' i gt±gmg vktgp'O cpp."dw±cn o crct,p,"M'pki rkej /Rt gw'Ekæj g'Cncf go kg'f gt 'Y kuugpuej chgpøp"Mi crik' gv Rtwa {c" rko rgt'Cncf go kkt±b cf f k'f gug k'krg" { ããão ã ãããt0' rgtknk' { ,metf c'f q w'f kngtkpg'f ckt'dktknko kpk' f g" gvnik' krg" Pcej tkej vpuugrg" hãt" f gp" Qtkgpv" \* ctn' O wj cdgtcv' Dtko k'k'pf g' f g" gvnik' i 3/4gxrgt" ãunão k vt0'O cpp."dkj cuuc" k'F ãp {c"Ucxc , "uããgekpf g" urco "vqr tcmct,pf cnk'O ãunão cprct,p" vkrh' F gxrngvktpg" met , " øekj cf øc" ±c ,t,m cu,pf c" gvnik' qno cu, "j gf gh'k'rg" Hctu±c" o gvkrngt" nergo g" cm , " qno cu, {re"dkkpo gmgf k'0'Grdgwg"nk'd3/4rg" dãããni'dkt"j ctgngvg'nem o c"pk'gk'vgvkmgo g {k'j gf gh'g'f k' k' nkrgrgt" f ckt" w' vp" dkt" ct c vto c" uããgek' uqpwepf c" gf g" gf krgem' vchukrvn" dkt" dkri k' dktknko kpk' i gtgmkto gmg {f k'0'Qunet"O cppøp"dw'vchukrvn"dkri k'dktknko kpk'3; øpew' { ã { ,ri' urco "f ãp {cu,pc" f ckt" pqvrt,pf cp" k'rgo gni' o ão mãpf ãt0' O cpp" dw' { ã { ,re" ck' qrcteni' ucf geg" Qtkgpv" {cpk' f q w'f cnk' O ãunão cprctc" crnen" dkri k' uwpo cmc" nem co , . " Mw' g {I ãpg" Co gtnæ" mærcr, " Cxtwc" j cwc" Cxwuten {cøf cnk'O ãunão cprct'xg'dw'eq tch {crctf c" urco øp" {c { ,n ,pc'f ckt'o cnwo cv'uwpo w wt0'F ãp {c" i gprkpf gp"dcj ugvo gukpg'tc o gp"Chkne'mvcu,pc'xg" tepøc'f ckt'f c'j c'c {t,pv,n'dkri krgt'uwpw w'3/4 grkmg" dw' knk' eq tch {c { , " f c'j c" {cmpf cp" cnkr" gvk kpk' i 3/4vgtto gmgf k'0' O cpp." urco øp" dkj cuuc" Chkne" mvcu,pf cnk' {c { ,no " j , | ,p,p" cnv,pf c" {cvp" pgf gprgtg" f ckt" f g gtrngpf kto grgtf g" dwmpo cmcf ,t0' Dw' ±cn o cf c" Cm cp"Qt {cpvcku'Qunet"O cppøp"3: 89/3; 39+3; øpew' { ã { ,rif c'O ãunão cprct,p'f ãp {c" i gprkpf gnk'f wwo vpc" f ckt'xgtf k' k'dkri krgtkp' {cp, "utc."c {p, " ã { ,rif c"Qtvc" F q w'xg"Chkne'c'f c'gvnik' j kuugf krgp" urco k'j ctgngvgt"ãã g'kpg'cmct,o met,"f g gtrngpf k'k'rgemk'0'

Anahtar Kelimeler: "Qunet"O cpp."3; 0| ã { ,n'O ãunão cprct." urco "F kpk0"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

3; vj 'egpwt { 'y cu'c'wtdwrgpv'r gtkqf 'vj cv'r tqi tguugf 'tcr kf n{ "qp"dgj crh'qh'eqmpkcn'uj ctksi "cpf 'ko r gtkcn' eqo r gvkqpp0K'ku'gxp'r quukdn'v'ug'vj g'uvvgo gpv'oko r gtkcn'egpwt { 'o'cu'c'tghrgev'q'qh'vj ku'kp'o qf gtp" uwf lgu0Y j kg'ko r gtkcn'r qy gtu'y g'g'f kxf kpi "vj g'y qtrf "kpej "d{ "kpej "y kj "vj g'o qvxcv'q'qh'geqppqo le" tgcup'u'wej 'cu'vj g'ugctej 'hqt'bo ctngw'cpf 'tey 'bo cvgtkcu' 'vj g{ 'cnu' 'y g'g'lp' 'vj g'pggf 'qh'hpqy rgi i g'cdqw' vj g'lpetgcu'p' 'pwo dgt'qh'O wurko 'hqm'vj g{ 'o' gv'gur gekm{ 'kp' 'vj g'vcti gv'ctgcu0Vq'hnggr 'k'ki j v' 'Y guvtp' uvcvu'y g'g'uvqtksi 'kphqto cvkq'cdqw/O wurko u'vj g{ 'y g'g'uvctksi 'v'gpeqwpvgt'y kj kp' 'vj g'kt' 'qy p' 'uqekv'ku' cpf 'ceewo wcv'ksi 'vj ku'hpqy rgi i g'y kj "vj g'kp'v'p'q'qh'wtpksi 'k'kp'v' r qy g'g'Cu'ltqo 'vj g'gp' 'qh'vj g'3: vj " egpwt { . "Y guvtp'tgcev'q'p'u'v'Kuro 'kp'o cp{ 'ctgcu'y g'g'guv'p'kcm{ 'f' qo kpcv'g' d{ 'qtf kpc{ 'qt'k'p'v'kcn' vj qwi j w' 'cpf "vj g'y qtrf "y cu'f kxf gf "kp'v' 'y q' 'kp' 'vj g'kt' "o' kpf u'0Y kj kp' 'vj ku'tgcev'xg'cr r tqcej "Kuro "y cu' r quk'q'p'gf 'v' 'vj g'Qt'k'p'v' 'v' 'vj g'g'cu'v'qh'vj g'y qtrf . "cpf "y cu'cny c{ u'uggp'cu'c'nikp' 'qh'tkcn'v' 'dg'v'cengf " hqt'vj g'y guv' 'pco gn{ 'vj g'Qeek' gp'0Y j kg'r tqeggf kpi "y kj kp' 'vj g'cko "qh'v'cp'uhqto kpi "npqy rgi i g'kp'v' r qy g' . "vj ku'v'cen'ksi "cpf 'eq'v'tq'nf cf "qh'eqwtug'v' 'ug'xg'ko r gtkcn'r wtr qugu'y kj "c'ek'k'k' cvkq' 'o' ku'k'p'0K' ku'y gm'hpqy p' 'vj cv'Qt'k'p'v'cn'uwf lgu' r tqeggf gf "y kj "vj g'uetggp'qh'vj ku'o ku'k'q'p' . "y g'g'f qo kpcv'g' d{ "vj g' Dtk'k'uj "cpf "vj g'Hg'pej 0J qy g'xg' . "vj g'I gto cpu' "y j q' gur gekm{ "cu'ltqo "vj g'ugeqpf "j crh'qh'vj g'3: vj " egpwt { "o' cf g' 'vj g'kt' r tgu'peg' 'hgn'kp' 'vj g'ko r gtkcn'tceg . "cnu" r tqf wegf "tgo ct'ndrg' y qtmu'kp' Qt'k'p'v'cn' uwf lgu'0 Qpg' qh' 'vj g'ug' I gto cpu' "Qunet" O cpp' r tgu'p'v'gf "pq'vy q'v'j { "y qtmu' gur gekm{ "qp" Kcp'kcp" r'p'ci vci gu'cpf "f'k'rgew'0O cpp' . "o' cf g' 'y q'ko r q'v'cp'v'uek'p'v'k'le' lq'w'p'g{ u'v'v' 'dq'v' "Qv'qo cp' r'p'f u'cpf "Kcp" dgw' ggp' "3; 23" cpf "3; 29 . "cpf "ect'k'gf "q'w' j ku' uwf lgu' y kj "vj g' h'p'c'p'ekcn' uwr r q'v'v' qh' 'vj g' *M/phi rkej / Rt gw'Ek'uej g' Cnc'f go kg'f gt "Y ku'g'p'uej ch'g'p' \*T'q' c'n'Rt wu'k'p' C'ec'f go { "qh' Uek'p'egu'0'K' 'vj g' h'q'ny kpi " { g'ctu' y kj "vj g' k'p'v'p'eg'qh'j' ku'npqy rgi i g'qh'Qt'k'p'v'cn' r'p'ci vci gu' j g'cnu'cu'wo gf 'cev'xg'f w'ku'kp' 'vj g' P'cej t'lej v'g'p'ug'ng' h'At'f' g'p' Qt'k'p'v' \*K'v'gn'ki g'peg' D'w'g'w' h'q' 'vj g' G'cu'v'0O cpp' ku'npqy p' h'q' j' cv'ksi "y tk'w'p' Rgt'uk'p' v'gz'w' r ct'v'ew'cn' { 'f' v'k'p' "Y qtrf "Y ct' "K' y kj "vj g'cko "qh'dg'k'p' "gh'gev'xg'kp'ecn'ksi "O wurko u'v'q' o'lj cf o'ci c'k'p'u'v'j g' C'n'kg'f 'R'qy gtu'0Vj g'kp'v'p'q'v'v'p'f g't'v'ng' 'u'we'j "c' b' cl'q' 'o' q'x'go gp'v't'gs w'k'gf "c'f' g'v'k'rg'f" t'g'ug'ctej "cpf "npqy rgi i g'qp' 'vj g'v'cti g'v'gf "o' cu'gu'0K' ku'r quukdn'v' 'h'q'ny "vj ku't'gs w'k'gf "npqy rgi i g'qp" Qunet'O cpp'p'q'v'gu'q'p' 'vj g'Kuro le' y qtrf "qh'vj g'3; vj 'egpwt { 0K'j' ku'uwf { 'O cpp'f q'gu'p'q'v'q'pn' { r' t'q'x'k'f g' k'p' h'qto cvkq'cdqw' 'vj g'3; vj 'egpwt { "O wurko u'kp' 'vj g'Qt'k'p'v' . dw'j g'cnu' i k'x'gu'wu' k'p' h'qto cvkq'qp' 'vj g' O wurko u'cpf "vj g'ur t'g'cf "qh'Kuro "kp' 'vj g'P' q'v'j "cpf "U'q'w'j "Co g't'k'ep' eq'p'v'k'p'p'w' "G'w'q'r g'cpf "g'x'gp' C'w'v't'c'k'0C'n'j q'wi j 'j g'v'ng'u'v'j g'v'q'r le' i n'd'cm' . j ku'cs w'k'p'v'p'eg'qp' 'vj g'Ch'k'ep' eq'p'v'k'p'p'v'cpf "Kcp'uj qy u' vj cv'j g'npqy u'v'j g'ug' 't'gi k'p'u'kp' "o' q't'g'f' g'v'k'f'0O cpp' "o' c'ng'u'cu'gu'wo gp'u'v'gi ct'f kpi "vj g't'g'cu'p'u'v'p'f g'v'nf kpi " vj g'ur g'gf "qh'Kuro o'u'r t'g'cf . "gur gekm{ 'kp' 'vj g'Ch'k'ep' eq'p'v'k'p'p'v'0K'j' ku'uwf { . "I gto cp'Qt'k'p'v'cn'Qunet" O cpp'p'q'v'gu' \*3: 89/3; 39+ "qp" O wurko u'ct'q'w'p'f "vj g'y qtrf . "cpf "O k'f' r'g' G'cu'v'p'p'cpf "Ch'k'ep' Kuro le' o' q'x'go gp'u'kp'3; vj 'egpwt { 'y kn'd'g'f' k'ew'ug'f 0*

**Keywords:** "Qunet'O cpp'3; vj 'Egpwt { . 'O wurko u' T'g'ki k'p'qh'Kuro 0

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#### A MULTI-SENSOR FUSION APPROACH TO REAL-TIME BIRD'S-EYE VIEW NAVIGATION: YOLOV8 AND LIDAR INTEGRATION FOR AUTONOMOUS SYSTEMS

Ahmet Serhat YILDIZ<sup>1</sup>

<sup>3</sup>"DtwpgrlWpkxgt ukf 'Nqpf qp.'Eqngi g'qhlGpi kpggt lpi . 'F guki p'cpf 'Rj {ukecnUekgpegu 'F grctwo gpv'qhl' Grgext qpk'e'cpf 'GrgextkecnGpi kpggt lpi . 'Nqpf qp.'WMO'

<sup>3</sup>QTEK 'KF <j wru<llqtekf Qiti D222/2224/4; 79/95; 6'''

Professor Hongying MENG<sup>2</sup>"

<sup>4</sup>"DtwpgrlWpkxgt ukf 'Nqpf qp.'Eqngi g'qhlGpi kpggt lpi . 'F guki p'cpf 'Rj {ukecnUekgpegu 'F grctwo gpv'qhl' Grgext qpk'e'cpf 'GrgextkecnGpi kpggt lpi . 'Nqpf qp.'WMO'

<sup>4</sup>QTEK 'KF <j wru<llqtekf Qiti D222/2224/: : 58/35; 4'''

Dr Mohammad Rafiq SWASH<sup>3</sup>"

<sup>5</sup>"DtwpgrlWpkxgt ukf 'Nqpf qp.'Eqngi g'qhlGpi kpggt lpi . 'F guki p'cpf 'Rj {ukecnUekgpegu 'F grctwo gpv'qhl' Grgext qpk'e'cpf 'GrgextkecnGpi kpggt lpi . 'Nqpf qp.'WMO'

<sup>5</sup>QTEK 'KF <j wru<llqtekf Qiti D222/2225/6464/969:'''

#### ABSTRACT

Vj ku'tgugctej "rtqr qugu'cp"cr r t qcej "hqt"qdlgev'f gvevkap"cpf "pcxki cvkap"d{ "kpvgi tcvkpi "[ QNQx: "y kj " NkF CT'f cvc.'gpcdrkpi 'rtgekug'hecvkap"cpf 'f kucpeg'cuuguuo gpv'qhl'qdlgeu'hqt"dkf au/g{g'xlgy 'pcxki cvkap" cr r rkecvkapu'Vj g'r tqr qugf "o gvj qf "wkk' gu'[ QNQx: au'f ggr 'hgctpkpi /dcugf "qdlgev'f gvevkap"vq'kf gpvkh{ " cpf "mccvg"qdlgeu'y kj kp"4F "ko ci g."y j krg"NkF CT" f cvc" r t q x k f gu" guugpvkcn'f gr vj "kphqto cvkap"d{ " o gcuwtkpi "vj g'f kucpeg'vq'gcej 'f gvev'f qdlgeu'kpvgi tcvkpi "vj g'vq'f cvc"uqwtegu'r tqf wegu'cp'ceewtcvg" ur cvkcn' cr r kpi 'qh'qdlgeu.'hcekkcvkpi 'tgc'n'ko g'qdlgev'tcenkpi "cpf 'pcxki cvkap'itqo "vj g'dkf au/g{g'xlgy 'O' Vj g'o gvj qf "eqo r wgu'vj g'r qukvkpp'qh'qdlgeu'kp" c"xkt wcn'dkf au/g{g'r gtur gevkg."cmqy kpi "cwqppqo qwu" pcxki cvkap" u'f ugo u" vq' kf gpvkh{ "qduvcengu" vtcen'f { pco ke" qdlgeu." cpf "eqo r t g j gpf "kpvkccvg"ur cvkcn' gpvkhqpo gpwu" o qtg" ghgevkxgn' O' Vj g" ceewtce{ " qh" f gvevkap" cpf " f gr gpf cdng" f kucpeg" ecrewrcvkapu" uduvcpvkcm{ " ko r t q x g" qdlgev' mcecrk cvkap" cpf " pcxki cvkap" r t gekukap' T geqi pk kpi " vj g" r qv'pvkcn' qh' Cf xcpegf " F tkxgt " Cuukucpeg" U{ ugo u" \*CF CU+: " vj ku' kpvgi tcvkpi" eqwrf " guvdrkuj " c" dcuku" hqt" vj g" f g x g n r o gpv' qh' cf xcpegf " uchgv{ " cpf " pcxki cvkap" hmpcvkapu" kp" f tkvki " gpvkhqpo gpwu' Vj ku' o gvj qf " gpj cpegu'ukwcvkpcn'cy ctgpguu'cpf "qdlgev'tcenkpi " r t gekukap." j gpeg"ko r t q x k pi "CF CU"cr r rkecvkapu"vq" cxqkf "eqnkukapu"cpf "qduvcengu."qr vko k kpi "tqwg'r rppkpi . "cpf "gpvvtkpi "uchgt"xgj leng"qr gtecvkap"kp'tgc'n' vko g'0Vq'gpj cpeg'tgc'n'vko g'ur cvkcn' cr r kpi . "etwecnhqt"vj g'cf xcpego gpv'qhl'pgzvi gpgtecvkap"cwqppqo qwu" pcxki cvkap"cpf "CF CU"uqnvkapu"vj g'kpf kpi u'wpf gtueqtg"vj g"dtqcf gt"r qv'pvkcn'qh'kpvgi tcvkpi "cf xcpegf " qdlgev'f gvevkap"cn' qtkj o u'y kj "NkF CT" f cvc0'''

**Keywords:** "[ QNQx: ."Qdlgev'F gvevkap."NkF CT" kpvgi tcvkpi."o wnk'ugpuqt"hwukap."Dkf au/G{g'Xlgy " Pcxki cvkap."Cf xcpegf "F tkxgt"Cuukucpeg"U{ ugo u"\*CF CU+: "Tgc'n'Vko g"Ur cvkcn'O cr r kpi O'

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#### MATHEMATICAL MODELING OF INFECTIOUS DISEASE SPREAD USING THE SIR MODEL

*Dr. Santoshi Misra*

*Cuuqekvg'Rtqlguuqt. 'J qF'F grctwo gpv'qhl'OCvj go c'keu'UO'Cppai'Eqngi g'lqt 'Y qo gp. 'O gjfkr'c'v'pco. ' J {f gtc'dcf. 'Vgr'xpi c'pc 'Uc'v'g"*

'''

#### ABSTRACT

Vj g" ur t'gcf " qh" k'phge'v'k'q'wu" f k'ugc'ug'u" r'q'ug'u" c" e'q'p'v'k'p'w'q'wu" e'j' c'm'g'p'i' g" v'q" r'w'd'r'l'e" j' g'c'm'j" y' q't'r'f' y' k'f' g'0' O' c'v'j' g'o' c'v'k'e'c'n' 'o' q'f' g'r'k'p'i' " j' c'u" d'g'e'q'o' g" c'p" g'u'g'p'v'k'e'n' v'q'q'n' h'q't" w'p'f' g't'u'c'p'f' k'p'i' " c'p'f" " r't'g'f' k'e'v'k'p'i' " g'r' k'f' g'o' k'e" f' { p'c'o' k'e'u' " g'p'c'd'r'k'p'i' " r' q'n'k'e' { o' c'n'g't'u' v'q" f' g'u'k'i' p" g'h'g'e'v'k'x'g" k'p'v'g't'x'g'p'v'k'q'p" u't'e'c'v'g'i' k'g'u'0'V'j' k'u'r' c'r' g't' " g'z'r' n'q't'g'u' v'j' g" c'r' r' n'k'e'c'v'k'q'p" q'h' v'j' g" e'n'c'u'k'e" U'K'F' " \*U'w'a'e'g'r' v'k'd'ng/ k'p'h'g'e'v'k'q'wu/ T'g'e'q'x'g't'g'f' + 'o' q'f' g'n' k'p" u'k'o' w'r'e'v'k'p'i' " v'j' g" u'r' t'g'c'f' " q'h' k'p'h'g'e'v'k'q'wu' f' k'ug'c'ug'u'0'D' { " c'p'c'n' { | k'p'i' " v'j' g" o' q'f' g'n'u' " e'q't'g" r' c't'c'o' g'v'g't'u'o' v't'c'p'u'o' k'u'k'q'p' t'c'v'g" c'p'f' " t'g'e'q'x'g't' { " t'c'v'g'o' y' g'f' k'u'e'w'u' v'j' g' t'q'ng' q'h' v'j' g' d'c'u'k'e' t'g'r' t'q'f' w'e'v'k'q'p' p'w'o' d'g't. " R\_0 " k'p'f' g'v'g't'o' k'p'k'p'i' " q'w'd't'g'e'n'i'r' q'v'g'p'v'k'r'0'U'k'o' w'r'e'v'k'q'p" t'g'u'w'u' k'm'w'u't'c'v'g' u'e'g'p'c't'k'q'u' q'h' f' k'ug'c'ug' u'r' t'g'c'f' . " g'o' r' j' c'u'k' k'p'i' " v'j' g" k'o' r' c'e'w' q'h' r' w'd'r'l'e' j' g'c'm'j' " k'p'v'g't'x'g'p'v'k'q'p'u' q'p" g'r' k'f' g'o' k'e' " q'w'e'q'o' g'u'0'V'j' k'u'y' q't'n'l'e'q'p't'k'd'w'g'u' v'q' v'j' g' h'g'r'f' " q'h' g'r' k'f' g'o' k'q'n'j'i' k'e'c'n'o' q'f' g'r'k'p'i' " d' { " q'h'g't'k'p'i' " k'p'u'k'i' j' v'u" k'p'v'q' v'j' g' d'g'p'g'h'k'u' c'p'f' " r'k'o' k'e'v'k'q'p'u' q'h' f' g'v'g't'o' k'p'k'k'e' " o' q'f' g'n'u' k'p'f' k'ug'c'ug' " e'q'p'v't'q'r'0'

#### Keywords

O' c'v'j' g'o' c'v'k'e'c'n' 'o' q'f' g'r'k'p'i' . " k'p'h'g'e'v'k'q'wu' f' k'ug'c'ug' . " U'K'F' " o' q'f' g'n' " g'r' k'f' g'o' k'q'n'j'i' { . " R\_0 " r' w'd'r'l'e' j' g'c'm'j' " k'p'v'g't'x'g'p'v'k'q'p'u' . " f' k'ug'c'ug' u'r' t'g'c'f' 0'



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### STRUCTURAL, ELASTIC, ELECTRONIC AND THERMODYNAMIC PROPERTIES OF CdTi3 COMPOUND: AB-INITIO STUDY

Selgin AL<sup>1</sup>, Osman ÖRNEK<sup>2</sup>, Mustafa ÖZDURAN<sup>3</sup>, Ahmet İYİGÖR<sup>4</sup>

<sup>3</sup>"CuuqeORtql0" | o k "F go qet ce { "Wpkxgt uk { . "2222/2225/46; 8/3522"

<sup>4</sup>"CuuqeORtql0" Mtugi kt "Cj k'Gxtcp" Wpkxgt uk { . "2222/2223/8; 75/7223"

<sup>5</sup>"CuuqeORtql0" Mt gj kt "Cj k'Gxtcp" Wpkxgt uk { . "2222/2225/6569/7; 28"

<sup>6</sup>"CuuqeORtql0" Mt gj kt "Cj k'Gxtcp" Wpkxgt uk { . "2222/2224/7; ; 8/84: 8"

"

#### ABSTRACT

Vj g'utwewtcn"gruile"cpf "grgevtqple" r tqr gt vku'qh'vj g'N34"v' r g'utwewtg'Ef Vks"eqo r qwpf "ku'kpxguki cvgf" wukpi "htuv"r t'kpek ng"ecrewrvcqpu"dcugf "qp"vj g'f gpuk { "hpevkqpcn"vj gqt { "F HV+"cu"ko r ngo gpvgf "kp"vj g' S wcpwo "Gur tguu"eqf g'0Vj g'ecrewrvcgf "rcwleg"eqpuwcpw'ctg'hqwpf "vq"dg"kp"i qqf "ci tggo gpv'y kj "vj g' xcnngu'tgr qtvgf "kp"vj g'r t'gxlqwu'hwgtcwtg'0Vj g'grgevtqple"dcpf "utwewtg'cpf" f'gpuk { "qh'hwcvu" \*F QU+y g'tg" ecrewrvcgf . "ceeqtf kpi "vq"vj g'ecrewrvcqpu" k'y cu'qdugtxgf "vj cv'vj g'ewdle"Ef Vks"eqo r qwpf "y kj "vj g'ur ceg" i tqwr "Pm3m j cu" o gvcnle" r tqr gt vku' Cnuq. "vj g' gruile" r tqr gt vku' qh' vj g' Ef Vks" eqo r qwpf " y g'tg" ecrewrvcgf 0P wo gtlecn'ecrewrvcqpu"y g'tg" wugf "vq" f' g'vto kpg"vj g'dwmlo qf wnu "uj gct" o qf wnu "I qwpi u" o qf wnu "Rqkuqp"u'tcvkq. "Rwi j u" o qf wnu "cpf" j ctf pgu'0Vj g'DII "tcvkq"qh'vj g'Ef Vks"eqo r qwpf "y cu" ecrewrvcgf "cu"4090'Ceeqtf kpi "vq"vj g'ecrewrvcgf "DII "tcvkq. "vj g'utwewtg"ku" f'wvkg'0Hwtvj gto qtg. "vj g' Rqkuqp"u'tcvkq" hqt "vj g'Ef Vks"eqo r qwpf u'Pm3m r j cug"y cu'ecrewrvcgf "vq"dg"20; 0Ukeg"vj g'ecrewrvcgf " Rqkuqp"u'tcvkq"y cu' tgevt "vj cp"2048. k'y cu'uggp"vj cvkqple"dqpf "y cu'f qo kpcpv'hqt"vj g'Ef Vks"eqo r qwpf 0' Vj g'I ID'tcvkq" hqt "vj g'Ef Vks"eqo r qwpf u'Pm3m utwewtg'y cu'ecrewrvcgf "vq"dg"20680K'ecp'dg'uggp"ht qo " vj g'ecrewrvcgf "I ID'tcvkq"vj cvkqple"dqpf kpi "f qo kpcvu'kp"vj g'eqo r qwpf 0'Vj g'Pm3m r j cug"qh'vj g'Ef Vks" eqo r qwpf " y cu' hqwpf " vq" dg" o gej cplecm { " ucdng" dcugf " qp" vj g' ecrewrvcgf " gruile" eqpuwcpw' Vj g' vj gto qf { pco ke"r tqr gt vku'qh'vj g'eqo r qwpf "cnpi "y kj "vj g'cpluqtqr ke"r tqr gt vku'ctg'cnuq"eqo r wgf 0' **Keyword:** Ef Vks. " gruile" r tqr gt vku. " grgevtqple" r tqr gt vku. " cd/kpkkq. " vj gto qf { pco ke" r tqr gt vku. " cpluqtqr { 0'

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### STRUCTURAL, ELASTIC, ELECTRONIC AND THERMODYNAMIC PROPERTIES OF HfCdO<sub>3</sub>; A DENSITY FUNCTIONAL THEORY COMPUTATION

Selgin AL<sup>1</sup>, Osman ÖRNEK<sup>2</sup>, Mustafa ÖZDURAN<sup>3</sup>, Ahmet İYİGÖR<sup>4</sup>

<sup>3</sup>"CuqaeORtql0" | o k "F go qet ce { "Wpkxgtukş. "2222/2225/46; 8/3522"

<sup>4</sup>"CuqaeORtql0"Mtugi kt "Cj kGxtcp" Wpkxgtukş. "2222/2223/8; 75/7223"

<sup>5</sup>"CuqaeORtql0"Mt gj kt "Cj kGxtcp" Wpkxgtukş. "2222/2225/6569/7; 28"

<sup>6</sup>"CuqaeORtql0"Mt gj kt "Cj kGxtcp" Wpkxgtukş. "2222/2224/7; ; 8/84: 8"

"

#### ABSTRACT

Kp'vj ku'uwf { . 'vj g'utwewtcn'grgevtqple. 'grcu'le'cpf 'vj gto qf { pco ke'r tqr gt vku'qhr' gtqxunkg'v{r g'J hEf Qs' ctg'kpxguki cvgf O'C" f gpuk{ "hpev'kqpcn'vj gqt { "F HV+" y kj "r ugwf qr qv'p'ken'o gyj qf u'cpf "c"i' ppgtcrk' gf " i tcf k'p'v'cr r r t'z'ko cvkq' "I C+hqt'vj g'gzej cpi g/eqttgr'v'kq' hpev'kqpcn'ly cu'wugf O'Vj g'r'cenci g'r' t'qi tco " S wcpwo "Gur t'guuq'y cu'wugf "hqt'vj g'ecre'w'v'kqpu'O'Vj g'grgevtqple" d'cpf "utwewtg" cpf "cuqek'cvgf "f gpuk{ " qh'uv'cvu'F QU+'y gtg'f g'v'to k'p'g'f O'Vj g'grgevtqple' r' tqr gt vku'qhr'vj g'J hEf Qs' eqo r qwpf 'y gtg'k'p'x'g'uki cvgf " cpf "uggp" c"o g'cnle "ej ctce'v't O'K" cf f k'k'q'p. "vj g'grcu'le" eqpuc'p'u'y gtg' r' t'gf k'ev'gf "wulpi "vj g'ut'guu/ut'ckp" o gyj qf O'Vj g'dwmi'o qf v'w'u. "uj gct" o qf v'w'u. "I qwpi 'u' o qf v'w'u. "R'q'ku'q'p'u' t'cv'k'q. "R'wi j 'u' o qf v'w'u "cpf " j ctf p'guu' y gtg' ec'w'v'gf " p'wo g't'ecm{ O'Vj g'DII " t'cv'k'q "hqt" 'vj g' r' gtqxunkg' utwewtg' qh'vj g'J hEf Qs' eqo r qwpf 'y cu'ec'w'v'gf "v'q" dg"40790' C'ee'q't'f k'pi "v'q" 'vj g'ec'w'v'gf "DII " t'cv'k'q. "vj g'utwewtg' ku'f v'w'v'g' O'K" cf f k'k'q'p. "vj g'R'q'ku'q'p' t'cv'k'q "hqt" 'vj g' eqo r qwpf 'y cu'ec'w'v'gf "v'q" dg"20130' C'ee'q't'f k'pi "v'q" 'vj g'ec'w'v'gf " r'q'ku'q'p'u' t'cv'k'q. "k'v'ku' u'ggp" 'vj cv'vj g'k'p'le" d'q'p'f "ku'f qo k'p'cv'v' hqt" 'vj g' eqo r qwpf O'Vj g'I ID" t'cv'k'q "hqt" 'vj g' eqo r qwpf 'y cu'ec'w'v'gf "v'q" dg"205: O'H'q'o "v'q" 'vj g'ec'w'v'gf "I ID" t'cv'k'q. "k'v'ec'p" dg"uggp" 'vj cv'vj g'o k'z" d'q'p'f k'pi "f qo k'p'cv'g'u'k'p' 'vj g' eqo r qwpf O'Vj g'ee'q't'f k'pi "v'q" 'vj g'ec'w'v'gf "grcu'le" eqpuc'p'u "J hEf Qs' eqo r qwpf " y cu' h'q'w'p'f "v'q" dg" o ge'j c'p'le'cm{ "u'cd'ng' O' O' q't'g'q'x'g't. "F gd{ g'x'k'd't'cv'k'q'p'c'n' g'p'g'ti { . "F gd{ g'x'k'd't'cv'k'q'p'c'n' h't'g'g' g'p'g'ti { . "F gd{ g'g'p't'q'r { . "F gd{ g'ur' g'ek'h'e'j' g'v'v'ec' c'ek{ "q'h'vj g' eqo r qwpf 'y cu'q'd'v'cl'p'g'f "cpf "c'p'c'n{ u'g'f "c'm'p'i " y kj "vj g'c'p'ku'q'v'q'r { "h'ce'v'q't'u" "

**Keyword:** J hEf Qs. "d'cpf "utwewtg. "o ge'j c'p'le'c'n'r' t'qr gt vku' "c'p'ku'q'v'q'r { . "vj gto qf { pco ke'r tqr gt vku' "

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### BRIDGING TRADITION AND TECHNOLOGY: DEVELOPING AN E-COMMERCE PLATFORM FOR ARTISANS USING MERN STACK

*Harsh Khatter, Prakhar Sharma, Nikhil Garg, Navneet Saini, Diwakar Mittal*

*Fgrctvo gpv'qh'Ego rwtg 'Uekpeg. 'MKGVI' tqwr 'qhl'kpwkwkqpu 'Fgij k/PET. 'I j c/kdcf. 'Wwct 'Rt cf guj. "*  
*kpf k "423426"*

*QTEK 'KF <j wru<lqtef Qti D222/2224/697: /4: 93"*

"

#### ABSTRACT

Vj ku'tgugctej "gZR nqtgu"vj g'f gXgrqr o gpv'qh"cp" g/eqo o gteg"r rrvhqt o "vckrtgf "vq"vj g"vpls wg"pggf u'qh" vctf kkpncfct vucpuOCt vucpu'qhwg'u'w i ng"vq'tgcej "c"i nqdcn'cwf kgpeg'cpf "ecr kcrk' g'qp"vj g'f go cpf "hqt" j cpf etchgf. "ewwctm{" tlej "r tqf wew" f wg"vq" rko kgf "ceegu" vq" f ki kcn'cpf "tgvckn'o ctngr nregu'OD{" f guki plpi "c"ur gekrk' gf "qprkp"r rrvhqt o "wupi "c"O GTP" u'cencô O qpi qFD."Gzr tgu'lu."Tgcev."cpf "P qf gOuô vj ku'r tqLgev'r tqxkf gu'ct vucpu'y kj "c"eqo r tgj gpukxg" f ki kcn'ucnwkwq'Vj g"r rrvhqt o "gpcdrgu" ct vucpu'v'lj qy ecug'vj gk'r tqf wew."o cpci g'vcpucev'kpu"cpf "gpi ci g'f k'gev"y kj 'eqpuwo gt u'y j q'xcnwg" s vcrk'v. "uwvckpcdkrk'v."cpf "vpls wg"etchuo cpuj kr OCf f kkpncm'v. "vj g"r rrvhqt o "kpeqr qtcvgu'wugt/h'kgpf n'v' kpvgt hregu'cpf 'ugewtg'r c{o gpv'u'f u'go u'v'g'gpj cpeg'wucdkrk'v' "cpf 'v'wv'Vj g'uwv'f {"f go qpum'cvgu'j qy "vj ku' g/eqo o gteg"o qf gnl'pq'qpn'f "ko r tqxgu'ct vucpu'g'eqp'qo le'r tqur gew'dw'cnuq'r t'gugt'xgu'ewwctm'j g'kci g." dtkf i kpi "vctf kkpncfctchu'cpf "o qf gtp'v'gej pqm'i {"v'q'hwvgt" c'v'j tkk'kpi "i nqdcn'ct vucp'eqo o vpk'v'0'

**Keywords:** E-Commerce, Marketing, MERN, Secure Payment

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ZIRHLI KARA ASKERİ ARAÇ KONFIGÜRASYONLARINDA SEYRÜSEFER CİHAZI KONUMLANDIRILMASI VE FONKSİYONEL KULLANIMI "

Mehmet Emre SEVENOL<sup>1</sup>

<sup>3</sup>Mqrno cp "Qvqo qvkv Gpf Ānt k'CO 0'. Cungtk'ct/I g.'Ctc ±'vcuct,o 'W|o cp,.'Vctuuu'IO gt ukp.'VĀtnk'g"

<sup>3</sup>QTEK'K' <j wr u<Iqtel'q'iti I222;/2229/4: 62/9883"

"

#### ÖZET

Dw'±cn o cf c.'| ,tj n'hctc'cungtk'ctc±ct, pf c'pcxki cu{qp'k'kp'mwncp,ncp'ug{t'Āught'ekj c| ,p,p.'h'ndkp' k'kp'g'hupwo rcpf ,t,nntgp'f kmē'v'gf k'gp'j wuwurt'xg'gti qpqo knixg'hqpmk'qpgn'hwncp,o , 'k'kp'{'cr ,ncp' ±cn o crct'k'pegrpo k vkt0'"

Mctc'cungtk'ctc±ctf c'hwncp,ncp' | ,tj n'h'ndkprgt.'i cdctk'hn' wncp , 'i gtg k'dgrtkr'j celo f g'hwncp,ncp cu," | qtwpn'qrcp'h'ndkprgtf k'OI grk gp'vgnpqnlk'kg'dkrkn'g. ".h'ndkp'k'gtk'kp'f gp'hupwt'q'nf'k'ro guk'i gtgngp' dtko rgtf g'ctv, "{c cpo , vtOI g±o k vgp'i Āp'Āo Ā g'hwncp,ncp'h'ndkp'j ceo k'kg'±qm'f g k ngprkn' i ¾'ngto go gm'gf k'ODw'ugdgr ng.'dgp| gt'j ceo g'f'cj c'rc| n' dtko "{gtng vto g'k'j v'k'ce,'f'q o cmcf ,t'ODw' f wto f c'h'ndkpf g'¾'Ā'ncp'p'et,p'f'cj c'xgtko r'k'hwncp,ncp cu,'c{p,| co cpf c'gti qpqo knixg'hqpmk'qpgn' qm cu," qtwpn'wncp, 'f'q wto w wt'0'vco 'dw'ugdgr rgtng'pcxki cu{qp'k'kp'hctc'ctc±ct, pf c'hwncp,ncp c{c' dc n'cp'ug{t'Āught'ekj c| , 'k'kp'hupwo rcpf ,to c'{'cr ,ntngp'f kmē'v'gf k'gp'j wuwurt<"

- ✓ Mcdkpf g'¾'Ā'ncp'qrcen'f g' gtngpf k'kg'p'f'cu'j dqctf "Ā g'k'kp'f g'hupwo rcpf ,t,m cu,"
- ✓ UĀt'Āe'Āp'Āp'hwncp'o cu,'i gtgngp'dk'gnr'o cp'q'f w w'k'kp'g'gti qpqo kniqm cu,"{cp'k'u'Āt'Āe'Āp'Āp' m'ncp,o ,pc'w'i w'q'cu."
- ✓ Ug{t'Āught'ekj c| , 'dĀ' Ā'ng'dc'vctf c'q'f w w'k'kp.'f'cu'j dqctf "Ā g'k'kp'f g'hwncp,o ,pf c'dc| , 'ctc' {Ā rgtg'w'c ,o | qtnw w'{'ctc'v'dk'f'k' dwpw'¾'p'Āg'i g±g'dk'ro gnk'k'p'xg'c{p,| co cpf c'hqpmk'qpgn'k' uc' mo cm'cf ,pc.'ug{t'Āught'ekj c| ,p,p'v'c ,{ ,e,u,'c±,nt'h'ncp,t'q'rcen' gnk'f g'vcuctrcp'o cu, "
- ✓ [ k'p'g'dĀ' Ā'ng'dc'vctf c'dk'dk'ko 'hwncp,ncp , , 'k'kp.'u'Āt'Āe'Āp'Āp'i ¾'Ā 'c±,u,p,'gpi gmgo go guk' i gtgm'k'kp'f gp'f'q'rc' , 'hqpmk'qpgn'q'cu,'ugdgdk' ng'dw'k'j v'ko c'rk'f'f'g'dgtvct'ch'gf'k'ro guk'
- ✓ C{p,| co cpf c'vcuct,o 'uqpwe'p'f c.'cungtk'k'v'ct'v'ctf c'c'p'crk' g'i k'gegn'q'cu,'ugdgdk' ng'uc'v'km' vktg ko 'xg' qn'c'p'crk' rgt'kp'f gp'dc' ct, {rc'i g±g'dk'gegn'q'ncp'dk'o qf gn'vcuctrcp'o cu,f ,t'0" [ wncp,f c'dgrk'k'gp'j wuwurt'f kmē'v'g'ncp'cten'vcuct,o '±cn o crct,'vco co rcpo , vt'0'Uqptcu, pf c'vcuct,o " c'p'crk' ±cn o crct,'vco co rcpo , 'q'nc' .j' crk'j c| ,tf c'vcuct,o 'cungtk'ctc±ctf c'i Āxgprg'hwncp,ncp c{c' dc rcpo , vt'0'

F gvc{rc' ,xg'hqpmk'qpgn'co ce,'c'p'rc'v'ncp'dw'vcuct,o , 'i Āxgpeg'cn,pc'cm cnk'k'p.'rc'v'gp'v'dc xwtwupf c' dwncp'w w wt'0'

**Anahtar Kelimeler:** "ug{t'Āught'ekj c| , 'f'cu'j dqctf . 'ug{t'Āught'ekj c| , "{gtng ko . 'pcxki cu{qp.'vcuct,o " c co crct,"

"

#### ABSTRACT

Vj ku'u'w'f { "gzco k'p'gu'v'j g'eqpuk' g'ctv'k'p'u'vcn'gp'k'p'v'c'ee'q'w'v'y j gp'r qukk'q'k'p'i 'v'j g'pcxki cv'k'p'f g'xleg' wugf 'h'q'p'cxki cv'k'p' \*ug{t'w'ugh'g'k'p'cto qt'gf 'rc'p'f'o krkct { 'x'gj l'ngu'k'p'k'f g'v'j g'ecd'kp.'cu'y gm'cu'v'j g' u'w'f k'gu'eq'p'f v'ew'f 'h'q'p'ku'gti qpqo ke'cpf 'h'w'p'v'k'p'cn'w'ug'0'

Vj g'cto qt'gf 'ecd'k'p'u'w'ug'f 'k'p'rc'p'f'o krkct { 'x'gj l'ngu'ct'g't'gs vkt'gf 'v'q'dg'q'h'c'ur gek'le'x'q'no g'f'wg'v'q" f'ko gp'uk'p'cn'eq'p'ut'c'k'p'u'0'Y k'j 'cf x'c'p'ek'p'i 'v'ge'j p'q'q'i { . 'v'j gt'g'j' cu'd'gg'p'c'p'k'p'et'g'c'ug'k'p'v'j g'p'wo d'gt'q'h'v'p'ku' v'j cv'p'gg'f 'v'q'dg'eq'p'v'q'ng'f 'h'q'p' y'k'j k'p'v'j g'ecd'k'p'0'J qy g'x'gt.'v'j g'ecd'k'p'x'q'no g'w'ug'f 'h'q'p' 'r'cu'v'q'r't'g'ug'p'v' j'cu'p'q'v'x'ct'k'f 'u'ki p'k'h'ec'p'v'q'0'Cu'c't'g'u'w'w'v'j g'g'ku'c'p'gg'f 'v'q'h'k'v'o q'g'v'p'ku'k'p'v'q'uko krct'x'q'no gu'0'Vj ku'j'cu'

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o cf g'k'pgeguuct { "v'wug'f gcf "ur cegu'kp'vj g'ecdkp"o qtg'ghlekpv. "y j kg'gpwtkpi "gti qpqo le"cpf " hpevkqpcnlf guki p0Hqt"vj ku'tgcuqp. "y j gp'r qukkqkpi "vj g'pcxki cvkqp'f gxleg'wugf "kp'rcpf "xgj kergu. "vj g" hqmy kpi "equkf gtcvkpu'o wuv'dg'vcngp'kpq'ceeqwpv"

Rqukkqkpi "k'qp'vj g'f cuj dqctf. "y j kej "ku'equkf gtgf "f gcf "ur ceg'y kj kp'vj g'ecdkp."

Gpwtkpi "gti qpqo le" f guki p. "cu'k'ku'c'r kgeg'qh'gs wr o gpv'vj cv'vj g'f tkxgt'pggf u'v'wug. "o gcpkpi "k'o wuv" dg'uwkcdng'hqt "vj g'f tkxgt)u'wug."

F vg'v'vj g'rci g'uk g'qh'vj g'pcxki cvkqp'f gxleg. "ku'wug'qp'vj g'f cuj dqctf "eqwf "etgcvg'f k'hevwkgu'kp" ceeguiki "egtvc'kp'vgt'hegu="v'r t'xgpv'vj ku'cpf "gpwtg'hpevkqpcrkv. "vj g'ectktg'hqt "vj g'pcxki cvkqp" f gxleg'uj qwf "dg'f guki pgf "v'dg'hqf cdng."

Ukpeg'c'rci g'wpk'ku'dgkpi "wugf. "k'uj qwf "pqv'qduwv'vj g'f tkxgt)u'hkgrf "qh'xkgy =vj gtghqg. "vj ku" r qukkkqv "o wuv'cnq'dg'grko kpcvgf "hqt'hpevkqpcn'tgcuqp. "

Cf f k'kqpcn. "cu'c'tguw'qh'vj g'f guki p. "k'ku'pgeguuct { "v'etgcvg'c"o qf gr'vj cv'ecp'uweeguuhwm "r cuu" ucve. "xkdcvkqp. "cpf "uj qem'cpcn' ugu. "cu'k'y kn'dg'uwldge'v'v'v'o k'kct { "ucpf ctf u0"

Vcnkpi "vj g'chqtgo gpvkqpgf "equkf gtcvkpu'kpq'ceeqwpv. "vj g'f guki p'y qtmj cu'dggp'eqo r ngvgf 0' Uwdugs wgpv. "vj g'f guki p'cpcn' uk'j cu'cnq'dggp'eqo r ngvgf. "cpf "vj g'f guki p"j cu'pqy "dgi wp'v'v'dg'uchgn" wugf "kp'o k'kct { "xgj kergu"

Vq'ugewg'vj ku'f guki p. "y j kej "f gvcku'cpf "hpevkqpcn'r wtr qugu'j cxg'dggp'f guetkdgf. "c'r cvgp'cr r r'kcvkqp" j cu'dggp'uwdo kwgf 0'

**Keywords:** pcxki cvkqp'f gxleg. "f cuj dqctf. "pcxki cvkqp'f gxleg'r nrego gpv.'pcxki cvkqp. "f guki p'r j cugu"

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#### DEEP LEARNING-BASED COLLISION PREVENTION SYSTEM FOR AIRPORT GROUND OPERATIONS: A HYBRID APPROACH FROM ROAD TO AIRPORT SCENARIOS

*Emre Can BİNGÖL*

*FqevqtcrnTgugctej gt. "DtwpgrnWpkxgtukv "Nqpf qp. "F gr ctwo gpv'qhlGrgextqple"cpf "Grgextkecn' Gpi kpggtkpi . "Nqpf qp. "WM"*

*QTEK <j wr uAlqtelk Qti D22; /2227/266: /8594"*

*Prof Hamed AL-RAWESHIDY*

*DtwpgrnWpkxgtukv "Nqpf qp. "F gr ctwo gpv'qhlGrgextqple"cpf "Grgextkecn'Gpi kpggtkpi . "Nqpf qp. "WM"*

*QTEK <j wr uAlqtelk Qti D222/2224/5924/: 3; 4"*

#### ABSTRACT

Y kpi vr "eqnkukpu"dgwy ggp"ctetch"qeew"tgs vgpvn "cv'cktr qt wu "tguwnkpi "kp"uki phtecpv"hpcepcn'dmugu" cpf " kpetgucgf " uchgv " j c| ctf u" hqt " i tqwpf " qr gtcv'kpu' Vj gug" kpek' gpw" go r j culug" vj g" pggf " hqt" eqo r tgi gpukxg"eqnkukap"cxqkf cpeg'u{ ugo u'f guki pgf "hqt"vj g'wpls wg'f { pco leu'qhl'cktr qt v'gpxktpo gpw' Vj ku'tgugctej "r tguvpu"cp"kpqxcv'xg"o gvj qf "v"ko r tqxg"cktr qt v'i tqwpf "uchgv" d { "tgf welpi "y kpi vr " eqnkukap" y kj "c"j { dtkf "f gvgevkqp"u{ ugo "wknk kpi "[ QNQ" \*f qw" Qpn " Nqqn' Qpeg-0' Vj g" r tqr qugf " cr r tqcej "cko u'v"wkug"vj g'ceewcvg"qdlgev'f gvgevkqp"ecr cdkkkgu"qh' QNQ'F wg'v'vj g'ej cmgpi gu'qh' tgen'vko g'v'gukpi "cv'cktr qt wu "vj g'htuv'r j cug'qh'vj g'r tqlgev'y knkpxqrxg'v'gukpi "vj g'u{ ugo "qp'tqcf 'xgj lengu" y kj "uko krc'tej ctcevgtkueu'v'ctetch'0'Vj ku'y knkckkcv'vj g'gpj cpego gpv'qhl'qdlgev'f gvgevkqp'ugpukxkv'." cpf "vj g'qr vko kv'v'q"qh'f ggr "rgctpkpi "cr r tqcej gu'hqt"cktr qt v'gpxktpo gpw'0'Hqmjy kpi "uweeguhwi'tqcf / dcugf "gxcnvc'kpu "vj g'vej pqmji { 'y knidg'o qf kkgf "cpf "qr vko kugf "hqt"cr r rdecvkqp"kp'cktr qt v'gpxktpo gpw" vq"r t'g'gpv' y kpi vr "eqnkukap"dgwy ggp"ctetch'0'Vj g"tgugctej "y kni'wkug"dqvj "ewuxo "cpf "r wdrken{ " cxckndrg" f cvcugv'u'v'hcckkcv'c"eqo r tgi gpukxg"gxcnvc'kqp"qh'vj g'ghgevkxgpguu'qh'vj g'u{ ugo 0'Vj g'i qcn' qh'vj ku'r tqlgev'ku'v'f g'xgnr "c" f ggr "rgctpkpi "eqnkukap"cxqkf cpeg"o qf gn'vj cv'ecp"dg"cf cr vgf "tqo "tqcf " xgj leng'uchgv "cr r rdecvkpu'v'cktr qt v'i tqwpf "uchgv". "vj wu'r tqxkf kpi "c"xgtuc'v'kg'cpf "ghgevkxg"uqrvkqp"v'c" etk'kecn'cxk'v'kqp"uchgv "r tqdrgo 0'

**Keywords**<f QNQ. "qdlgev'f gvgevkqp. "Y kpi vr "eqnkukap"cxqkf cpeg. "f ggr "rgctpkpi 0'

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#### ÖRDEKLERDE ORAL UYGULAMA SONRASI FLUMEKUİNİN FARMAKOKİNETİĞİ VE DOKU KALINTI DÜZEYLERİ

**Orhan ÇORUM<sup>1</sup>**

<sup>3</sup>Fq±0Ft0"J cv{ "Owac h "Mgo cni"Opkxgt ukuguk "Xgvt kpgt "Hcnñnguk"Hcto cnqrqlk'xg"Vqmknqrqlk" Cpcdkko "F cn,"J cv{ NĀtnkġ g0

<sup>3</sup>QTEK "K" <2222/2225/538: /4732"

**Kamil ÜNEY<sup>2</sup>**

<sup>4</sup>Rt qI0F t0"UgrñwmI"Opkxgt ukuguk "Xgvt kpgt "Hcnñnguk"Hcto cnqrqlk'xg"Vqmknqrqlk"Cpcdkko "F cn," Mqp{c NĀtnkġ g0

<sup>4</sup>QTEK "K" <2222/2224/: 896/6: 95"

**Duygu DURNA ÇORUM<sup>3</sup>**

<sup>5</sup>Fq±0Ft0"J cv{ "Owac h "Mgo cni"Opkxgt ukuguk "Xgvt kpgt "Hcnñnguk"Hcto cnqrqlk'xg"Vqmknqrqlk" Cpcdkko "F cn,"J cv{ NĀtnkġ g0

<sup>5</sup>QTEK "K" <2222/2225/3789/; ; 3Z"

**Devran COŞKUN<sup>4</sup>**

<sup>6</sup>Fq±Ft0"Ukt v"Opkxgt ukuguk "Xgvt kpgt "Hcnñnguk"Hcto cnqrqlk'xg"Vqmknqrqlk"Cpcdkko "F cn," Ukt vNĀtnkġ g0

<sup>6</sup>QTE F " F" <2222/2225/3373/3: 83"

**Hatice Rumeysa CEYHAN<sup>5</sup>**

<sup>7</sup> tOI ¾40"Quo cpkġ g"Mt mw' Cx "Opkxgt ukuguk "Uc nñnI kġ o gwgt k'O gurgnI[ Āmugnqmww."Xgvt kpgt " Hcto cnqrqlk'xg"Vqmknqrqlk "Quo cpkġ gNĀtnkġ g0

<sup>7</sup>QTEK "K" <2222/2223/; 45; /7759"

**Şerafettin KARTAL<sup>6</sup>**

<sup>8</sup> tOI ¾40"J cv{ "Owac h "Mgo cni"Opkxgt ukuguk "Uc o cpf c "O gurgnI[ Āmugnqmww."Xgvt kpgt " Hcto cnqrqlk'xg"Vqmknqrqlk "J cv{ NĀtnkġ g0

<sup>8</sup>QTEK "K" <2222/2225/2; 57/47; 2"

**Fatma AKIN<sup>7</sup>**

<sup>9</sup>Ct OI ¾40"Ukt v"Opkxgt ukuguk "Xgvt kpgt "Hcnñnguk"Hcto cnqrqlk'xg"Vqmknqrqlk"Cpcdkko "F cn," Ukt vNĀtnkġ g0

<sup>9</sup>QTEK "K" <22; /2224/: : 97/9; ; 6"

**Muammer ELMAS<sup>8</sup>**

<sup>8</sup>Rt qI0F t0"UgrñwmI"Opkxgt ukuguk "Xgvt kpgt "Hcnñnguk"Hcto cnqrqlk'xg"Vqmknqrqlk"Cpcdkko "F cn," Mqp{c NĀtnkġ g0

<sup>8</sup>QTE F "K" <2222/2223/; 27; /9373"

"

#### ÖZET

Dw'ctc vto cp,p"co ce,"%4f gmgf g"lwo gmwkp"lcto cnqmpgk k'xg'f qmw'hcn,pv,"f Ā g{ kpk'dgktrigo gmk0' ¥ cn, o c'vqr rco "57"cf gv%4f gnĀġ gtlpf g'i gt±gmg vktkf k0' tf gmgf'lcto cnqmpgkni"p?: -'xg'hcn,pv,"%p? 49+' qm cniĀ gtg'knkġ twdc'c{ t,r,f ,0Hwo gmwkp'lcto cnqmpgkni twdwp'vgnif qI "xg'hcn,pv,"i twdwp' i Āpf g'dk" f gtc" 7" i Āp" dq{ wpec" w{i wrcpf ,0' r±" j gt" knk' i twdw' f c" 32" o i lni " f qI f c" qtcn' {qmc" w{i wrcpf ,0' Hcto cnqmpgkni±cn, o c'ktp"%4f gmgf gp"94'uccv'dq{ wpec"37'hctm,| co cpf c'hep"%4pgmgk'cnpf ,0Mcnpv,"

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±cn o cu, pf c'kg'2\*ñpvtqn: '80'340'460'6: 0'940'; 80'342'xg'38: 0uccvgtf g'hncp. 'netcek gt. 'd³/dtgm'hncu' xg'f gte {c '³/4pgmgtk'cn, pf, 0Cn, pcp'hncp'³/4pgmgtk'ucpvtkh'gf krgtgnir m| o c'³/4pgmgtk'grf g'gf kf k0Rnc| o c' xg'f qmw'³/4pgmgtk'pf gp'hwo gmwkp'cpcrk k| ãmgnirgthqto cpun, 'U, x, 'Miqo cvqi tchuk'³J RNE+'{ctf, o, {nc' i gt±gmng vktkf k'xg' hcto cmñkpgvkn'r cteo gvtgngt' pqpñqo r cto cpven'cpcrk 'kg'j gucr rcpf, 0' tf gmngt' hwo gmwkp'qtci'w'i wco cu, 'uqptcu, 'grko kpcu{qp' {ct, rcpo c'³/4 g tk'cn, pf c'ncncp'cncp. 'o cmko wo ' r m| o c'hñpucpvtcu{qpw'xg'b cmko wo 'r m| o c'hñpucpvtcu{qpwp'wrc o c' co cp, 'fg gtrgtk'u, tcu, {m': (82' uccv.'330 : 'uccv Ûi b N.'304'Ûi b N.'xg'2086'uccv'kf k0' tf gmngt'gntctn, 'w'i wco c'uqptcu, 'netcek gt. ' d³/dtgm'hncu'xg'f gte {c 'f qmw'wpf cp'u, tcu, {m':38: . '38: . '342'xg'; 80uccv'g'hncf ct'hwo gmwkp'vgur k'gf kf k0' Hwo gmwkp'f qmw'hñpucpvtcu{qprct, 'd³/dtgm'netcek gt@hncu' gte {c 'u, tcu, pf c'grf g'gf kf k0'netcek gt. ' d³/dtgm'hncu'xg'f gte {c 'f qmw'wt, pf c'hwo gmwkp'hñpucpvtcu{qpwp'wp'u, tcu, {m':6: .; 8.'94'xg'6: 0uccvgtf g' o cmko wo 'nenpv, 'nko k'f g gtrgtk'p'cn, pc'f Æ v Æ Æ' dgrktgpf k0'Dw'uqpw'±ct'³/4f gmngt'g'hwo gmwkp' nenpv, 'tknk'qro cf cp'w'i wp'f qj cl'tgiko kpf g'mwncp, o ,pc'ncvm, 'uc nct0'cpecni'³/4f gmngt'g'hwo gmwkp' vgtcr'³/4kn'gnk'p'k'p'qtvc{c'hñpwm cu, pc'kj vkt c±'xctf, t0'

**Anahtar Kelimeler:** 'Hcto cmñkpgvkn'f qmw'hncp, u, '³/4f gm'hwo gmwkp'

#### ABSTRACT

Vj g'cko 'qh'y ku'uwf { 'y cu'v'f gvgto kpg'y g'rj cto ceqñkpgvku'cpf 'kuuwg'tgukf wg'rgxgn'qh'hwo gs wkp'kp' f vemu'Vj g'uwf { 'y cu'eqpf vevgf "qp" c' 'vqcn'qh'57'f vemu'F vemu'y gtg'f k'kf gf "kpq" v'y q' i tqw u'cu' r j cto ceqñkpgvku' \*p?: -'cpf "tgukf wcn" \*p?49-0' Hwo gs wkp'g'y cu' cf o k'kngt'gf "cu" c' 'ukpi ng'f qug' v'j g' r j cto ceqñkpgvku' i tqw 'cpf 'qpeg'f ckn' 'v'j g'tgukf wcn' tqw 'hqt'7'f c{u0Vj g'f twi 'y cu'cf o k'kngt'gf 'qtcn' 'v'q'dqj 'i tqw u'cv'c'f qug'qh'32'o i lni 0'Hqt'v'j g'rj cto ceqñkpgvku'uwf { . 'dqmf "uco r ngu'y gtg'vcngp'htqo " f vemu'cv'37'f k'htg'p'v'ko gu'f v'kpi "94"j qwtu'0'k'v'j g'tgukf wg'uwf { . 'dqmf . 'rkxgt. 'nkf pg{ . 'o wæng'cpf " unkp- hc'v'uco r ngu'y gtg'vcngp'cv2' \*eqvtqn: '8.'34.'46.'6: . '94.'; 8.'342'cpf '38: 'j qwtu'0'Vj g'dmqf "uco r ngu" y gtg'egpvtkwi gf "v'q'qdvckp'r nuco c"uco r ngu'0'Hwo gs wkp'g'cpcn'uki'htqo 'r nuco c'cpf "kuuwg"uco r ngu'y cu' ecttkgf "qw'd{ "J ki j "Rgthqto cpeg"Nks wkf "Ej tqo cvqi terj { "³J RNE+"cpf "r j cto ceqñkpgvku'r cteo gvtu' y gtg'ecre'w'v'gf "d{ "pqp/eqo r cto gpven'cpcn' uku'0'Chgt'qtci'cf o k'kntcvkqp'qh'hwo gs wkp'v'q'f vemu.'j g' grko kpcvqp'j cih'rkhg. 'ctgc'wpf gt'v'j g'ew'xg.'r gcn'r nuco c"eqpegpvtcvkqp. 'cpf "v'ko g'v'q'tgcej 'r gcn'r nuco c" eqpegpvtcvkqp'xcn'gu'y gtg': (82'j qwtu.'330 : 'j qwtu, Ûi b N.'304'Ûi b N.'cpf '2086'j qwtu.'tgur gev'xgn'0' Chgt'tgr gc'v'f "cf o k'kntcvkqp'v'q'f vemu.'hwo gs wkp'g'y cu'f g'v'v'gf "kp'rkxgt. 'nkf pg{ . 'o wæng'cpf "unkp- hc'v' kuuwg'vr "v'q'38: . '38: . '342'cpf "; 8'j qwtu.'tgur gev'xgn'0'Vkuuwg'eqpegpvtcvkqp'qh'hwo gs wkp'g'y gtg'qdvckp'gf " kp'v'j g'qtf gt'nkf pg{ @rkxgt @ wæng@unkp- hc'v'0'K'y cu'f gvgto kpg'f 'v'j cv'hwo gs wkp'g'eqpegpvtcvkqp'kp'rkxgt. ' nkf pg{ . 'o wæng'cpf "unkp- hc'v'kuuwg'u'gmi'dgmy 'v'j g'o czko wo 'tgukf wg'nko k'xcn'gu'cv'6: .; 8.'94'cpf '6: " j qwtu.'tgur gev'xgn'0'Vj gug'tguw'u'eqpvt'kdwg'v'j g'v'ug'qh'hwo gs wkp'kp'f vemu'kp'cp'cr r tqr tk'v'f quci g' tgi ko gp'y kj qw'tgukf wg'tkun'0'J qy gxgt. 'v'j g'v'j g'tcr gw'le'gh'kece { "qh'hwo gs wkp'kp'f vemu'pggf u'v'q'dg' f go qputcv'gf 0'

**Key Words:** Rj cto ceqñkpgvku'kuuwg'tgukf wg.'f vemu'hwo gmwkp'



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#### SİLDENAFİLİN VETERİNER HEKİMLİKTE KULLANIMI

*Hatice Rumeysa CEYHAN<sup>1</sup>*

<sup>3</sup> t0l 3/40"Quo cplk'g'Mqtmw'Çc'©pkxgtukguk'Uc nmiJ k' o gwgt k'O gugm[ Ānugmqmw. 'Xvggt kpgt " Hct o cnqrqlk'xg'Vqmknqrqlk'Quo cplk'gNĀtnk'g0'

<sup>3</sup>QTEK'K' <2222/2223/; 45; /7759"

*Duygu DURNA ÇORUM<sup>2</sup>*

<sup>4</sup>Fq±0Ft0"J cwf' "Owac'lc' Mgo cni'©pkxgtukguk'Xvggt kpgt' HcnĀnguk'Hct o cnqrqlk'xg'Vqmknqrqlk' Cpcdkko 'Fcn,"J cwf' NĀtnk'g0'

<sup>4</sup>QTEK'K' <2222/2225/3789/; ; 3Z"

*Orhan ÇORUM<sup>3</sup>*

<sup>5</sup>Fq±0Ft0"J cwf' "Owac'lc' Mgo cni'©pkxgtukguk'Xvggt kpgt' HcnĀnguk'Hct o cnqrqlk'xg'Vqmknqrqlk' Cpcdkko 'Fcn,"J cwf' NĀtnk'g0'

<sup>5</sup>QTEK'K' <2222/2225/538: /4732"

#### ÖZET

Ukf gpchki'gtgmki'f kuhqpmik' qp'xg'r wro wpgt'ctvgtk' grlj kr gtvcupk' qp'v'gf c'xkuk'p'f g'hwmcp,ncp'hquh'f kgugtc| " k'p'j kdk'4'Ā' dkt' "kc±v,t0'Hquh'f kgugtc| "gp| ko k'p'k' \*RF G+ "nqtr wu" nq'xgtpquwo . "ctvgtk' gr' xg" xgp3/4 " f co ct" ukungo k' "kungrgv'hneurt, "xg±g k'rk'f Ā' "neurt'k'g'cnek gt. "i cutqk'p'v'guk'p'cn'tgpcn'xg'o gtn'g| k'uk'p'k'ukungo k' i kdk'dkt±qni'f qm'f c'dwmpwt0'Dw'gp| ko "ukmki'i wcpq| k'p'o qpqh'q'uc'v' \*eI O R-"gp| ko k'p'k'nevt'k' g'gf gtgnl' k'p'cmki'h' j crg" i g'v'kt'k'0'Ukf gpchki'RF G7" gp| ko k'p'g"dc r'p'ctcn'l'eI O R" { ,mo ,p, "3'p'rgt" xg"d3/4 r'g'k'ng" f Ā' " neurt'f c"i gx go g'xg'xc| qf k'rc'v'c' qpc'pgf gp'qmw0'Ukf gpghki'xc| qf k'rc'v'4' g'v'k'uk'p'f gp'f qrc { , "k'puc'p'rt'f c" gtgmki'f kuhqpmik' qp. "r wro qpgt' j kr gtvcupk' qp. "net'f k'f q' r wro qpgt'dq| v'w'w'net. "h'q'p'g'v'k'h'neir " { gvo gl rk k" j ch| c"dq| v'w'w'net. "o w'v'k' r'g'um'gt'q| "k'g'v'k'p'gt'ukungo "xg'w'gt'wu"j cu'cn'met, p,p'v'gf c'xkuk'p'f g'mwmp,nt0' Ukf gpghki'p" mwmp,o , "j c { xcp'rt'f c" qpc { r'po co cu,p'c" net ,p" g'v'k'ng'v' f , , "q'rc'cn'l' mwmp,nt0' Ukf gpchki' j c { xcp'rt'f c'xc| qf k'rc'v'4. "f Ā' "neurt'f c"i gx go g'xg'v'tqo d'q'k'v'gt'Ā' g'k'p'f g'v'k'g'v'k'p'f gp'f qrc { , "v'gf c'xk'xg" f gu'v'gn'l' co c±n "mwmp,mo cmcf ,t0'Ukf gpghki'n'4' g'v'k'ng'v'f g'gtgmki'f kuhqpmik' qp. "net'f k'f q'xcu'v'Ā'rgt" ukungo "dq| v'w'w'net. "r wro qpgt' j kr gtvcupk' qp. "i cutqk'p'v'guk'p'cn'ukungo "tcj cu,| nmct. "i g'xk "i g'v'k'gp'rgt'f g" w'gt'w'c" n'ep'cm ,p, "ctw,to cni'xg'r g'p'ku" ctv'gt'rgt'k'p'f g"xc| qf k'rc'v'c' { qpw' uc r'eo cni'xg'c'v'rt'f c" r wro qpgt' j kr gtvcupk' qp. "r wro qpgt' j go q'cl'k "gi | g'tuk' "n'c'c'v'k'g'k'p'g" ctw,to cni'xg'net'f k'f q'xcu'v'Ā'rgt" cf cr v'c' { qpw' f g k'v'to g'v'k'ng'v'f q'v'g'q'ct'v'k'k'u'f v'two net,pf c"mwmp,nt0'Ukf gpghki'p" { cp'g'v'k'ng'v'f r'q'h'k'k'k'p'uc'p'xg"j c { xcp'rt'f c" f Ā' Ā'v'Ā'0'Ukf gpghki'dg' g'tk'j g'v'k'ng'v'f mwmp,o "c'rc'p'rt'f c"dg'p' gt" g'v'k'ng'v'f j c { xcp'rt'f c'f c'hwmp,ncdk'k'0' C'p'ecni'dw'k'rc,p"j c { xcp'rt'f c" qpc { n"q'no co cu, "mwmp,o ,p, "m'u,wro cmcf ,t0'Dw'pgf g'p'rg"j c { xcp'rt'f c" ukf gpghki'p'g'v'k'ng'v'f k'p'k'p. "w'f i w'p'f q' c'l't'g'l'ko k'p'k'p'xg" { cp'g'v'k'ng'v'f k'p'k'p'f g' g't'rg'p'f k'k'f k' k'f c'j c'hc| r'c±cn o c { c" k'j v'k'f c±'xctf ,t0'

**Anahtar Kelimeler:** "Ukf gpchki' hquh'f kgugtc| .j c { xcp'rt'f c'mwmp,o "

#### ABSTRACT

Ukf gpchki'ku'c'r'j qur j qf kgugtcug'k'p'j kdk'qt'w'gf "k'p'y'j g'v'tg'co gp'v'q'h'gt'g'v'k'ng'f { u'w'p'e'k'p'c'p'f "r wro qpct { " ctv'gt'k'ni'j { r gt'v'p'uk'p'0'Rj qur j qf kgugtcug'gp| { o g' \*RF G+ "ku' h'q'w'p'f "k'p'o cp { "ku'w'gu "u'w'ej "cu'y'j g'eqtr wu" eqxgtpquwo . "ctv'gt'k'ni'c'p'f "xg'p'q'w'x'c'w'v'rt' u'f u'ngo u "un'g'rg'v'cn'b' w'eng'u'c'p'f "xct'k'q'w'u"uo q'q'y "o w'eng'u "h'p'i . " i cutqk'p'v'guk'p'cn'tgpcn'c'p'f "eg'p'v'c'ni'p'gt'x'q'w'u"u'f u'ngo u0'Vj ku'gp| { o g'ec'v'cn| gu'c'p'f "k'p'c'v'x'c'v'gu'y'j g'e { erle" i w'cp'q'k'p'g'o q'p'q'r j qur j c'v'g' \*eI O R+"gp| { o g'0'Ukf gpchki'r t'g'x'g'p'w'eI O R" f g'v'k'w'v'k'p'f d { "dk'p'f k'p'i "v'q'y'j g" RF G7" gp| { o g. "y' w'u"ec'w'k'p'i "uo q'q'y "o w'eng"t'g'rc'v'k'p'p'c'p'f "x'cu'q'f k'rc'v'k'p'0' Ukf gpchki'ku' w'gf "k'p'y'j g"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

vtgvo gpv'qh'gtgevkq'f { uhwpevkqp. 'r wno qpct { 'j { r gtvpgukqp. "ectf kqr wno qpct { 'f kuqtf gtu 'eqpi gukxg'j' gctv' hckwtg. "o go qt { 'f kuqtf gtu "o wnr ng 'uergtquku "cpf "wtlpct { "u{ ugo "cpf "wgtwu'f kugcugu'lp"j' wo cpu'f vg"vq" ku"xcuqf krcvt "ghgeu' Cnj qwi j "ukf gpchki'ku"pqv' cr r tqxgf "hqt" wug"lp"cpko cnu. "k'ku'wugf "gztc/rcdgr' Ukf gpchki'ku'wugf "hqt"vtgvo gpv'cpf "uwr r qtv'r wtr qugu'lp"cpko cnu'f vg"vq"ku"xcuqf krcvt. "uo qqvj "o wuerg" tgrzcvkqp. "cpf "r rcvgrv'ghgeu'Ukf gpchki'ku'wugf "lp'f qi u'cpf "ecv'hqt'gtgevkq'f { uhwpevkqp. "ectf kqxcuewrt" u{ ugo "f kuqtf gtu" r wno qpct { "j { r gtvpgukqp. "cpf "i custqkpvukpcn' u{ ugo "f kuqtf gtu="lp" two kpcvu" vq" kpetgcug'wgtlpq'dnqf "hny "cpf "r tqxkf g'xcuqf krcvkqp'lp'vj g'r gpkng'ctvgtlgu="cpf "lp"j' qtugu'hqt' r wno qpct { " j { r gtvpgukqp. 'r wno qpct { 'j go qttj ci g. "v'kpetgcug'gzgtekug"ecr cekv' "cpf "cngt'ectf kqxcuewrt'cf cr vckqp. " cpf "lp"quvqctvj tkku'Ukf gpchki'ku'g'ghgevr tqhng'ku'hny "lp"j' wo cpu'cpf "cpko cnu'Ukf gpchki'ecp'dg'wugf "lp"cpko cnu'lp'c'uko kct'y c { "v'ku'ctgcu'qh'wug'lp"j' wo cp'o gf lekpg'J qy gxt. "vj g'rcv'vj cv'vj ku'f twi "ku'pqv' cr r tqxgf "hqt" wug"lp"cpko cnu'tgutkew"ku'wug'Vj gthqtg. "hvtj gt"uwf lgu'ctg"pggf gf "vq"gxcnv'vj g' ghkece { . "cr r tqr tkv'f quci g'tgi ko gp. "cpf "ukf g'ghgeu'qh'ukf gpchki'lp"cpko cnu'

**Key Words:** "Ukf gpchki" r j qur j qf kgvgtcug. "wug'lp"cpko cnu"

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DOĞAL AFETLERDE YÖNETİM SORUNLARI, PSİKOSOSYAL VE EKONOMİK  
ETKİLERİ: TÜRKİYE DEPREMLERİ ÖRNEĞİ  
MANAGEMENT PROBLEMS IN NATURAL DISASTERS, PSYCHOSOCIAL AND  
ECONOMIC EFFECTS: THE CASE OF TÜRKİYE EARTHQUAKES

Dr. Öğr. Üyesi Erkin ARTANTAŞ

*Ft0'Quo cpkğ'g'Mqt mw'Cvc'©pkxgt ukxguk'O [ Q." rgvo g'l'³pgvko k'Quo cpkğ'g'*

*Qtekf'pq-2222/2225/384: /; 73:*

Dr. Hakan GÜRSOY

*Ft0'JI I 'G kko .'F cp, o cpn,mkx'G/Vkect gv.'I gpko cj cnglCpnetc "*

*Qtekf'pq-2222/2224/; : 22/2487*

ÖZET

[ c cpcp'f q cniçhvgvt'uqptcu.'vgnlww'wpwp'f q cp,p'i gt±gmg vtf k kqr{mct'qmo cf, .'.f q c{'dkkpk±uk'eg' xg'{'cpn "mwmpcpnet,p'f c'uw±ct,p,p'dwmpf w w'dkko ugn'±cn o cctrc"ncp,vcpo , vt0'VÄtnk'gdf'g'uqp' {c cpcp'f grtgo rgt'dwpwp"gp'i Ä gn'³⁄⁴pg kf k0'Dw'f grtgo rgrtg'dkrkmg"ucf geg'f grtgo kp'f g kn'c{p, |co cpcf'dkpcp,p'f c'³⁄⁴f Äf Ä Ä'dk'ngl'f cj c'qtvc{c'±,mo , vt0'VÄtnk'göpk'f grtgo 'hc{'j cvctc,"Ä gkpf'g' dwmpf w w' xg'f grtgo kp'nc±,p,mo c| "qif w w' dkkgp"dk' i gt±gmk0'3; 45" {,npf c"mwvcp"VÄtnk'g' Ewo j vtk'g'vöpf'g'f cj c'³⁄⁴peg"3; 5; "{,npf c"Gt|kpecp'f c'xg"3; ; "{,npf c'I ³⁄⁴e Änvg'knk'dÄ'Änif'grtgo " {c co , v0Cpecm4245'f,npf c'Mcj tco cpo etc 'xg'±gxtgukpf'g'ctf ctf c'b g{f cpc'i grgp'knk'dÄ'Änif'grtgo " kg'Ämpf'g'dÄ'Änif'grtgo'v{c cpo cu,pc'qnc±o , v0Cut,p'grcngv'qrctcn'pkngpf kkgp'dw'f grtgo rgtf'g' qif wnc'hc|rc'ep'xg'o cniçhvgvt'f,rct,p,p'c cpo cu,{³⁄⁴pgvkekt'vctch'p'p'f'gvtk'³⁄⁴pgo rgtkp'cnpo cf, .p, c±,mct'i ³⁄⁴ngto k v0F grtgo "uqptcu,"{c cpcp'r ukmqlkn'xg'qu{qmqlkn'xcnct'kg'f'cj c'dÄ'Änif'grtgo' j crkpf'g'ngpf'kp'i ³⁄⁴ngto k v0J crk|c|,tf c"gpnc| " gj krgtkpf'g' {c c{cp'f grtgo |gf grtkp'dw'vtxo cvkn' f wwo rct,"cvcvo cctc,"k±p'w'wpec'dk"|co cpc'kj vlc±"qif w w'f c' {kpg'c{t,"dk' i gt±gmk0' [ c cpcp' r tqdgo rgtk' cui ctk' ugxk'g{g' kpf kti go gni' co ce, {rc' f grtgo " ³⁄⁴pegukpf'g." u,tcu,pf'c' xg' uqptcu,pf'c' ugti kpgpegni' {cnc ,o ,p'utcvglkn'c±,f cp'dÄ'Änif'³⁄⁴pgo "vc ,f, , "f c'dk'ngl'f'cj c'i ³⁄⁴Äno Ä "qnw' dw'vÄ" f wwo rctc'utcvglkn' {cnc cp' {³⁄⁴pgo rgtkp'f'cj c'dc ct,n'qif w w'c knrtf ,t0'Dw'etc vto c'kg'f'grtgo rgrtg' kni k'k'j cpi k'³⁄⁴pgo rgtkp'cnp,r'cnpo cf, , "kg'uqtwo mwct,p'f q cniçhvgvt'uqptcu,"{c cpcp'vclgf'kf'g'ncvm" r c{mct,p,p'dwmpw' dwmpo cf, .'.f knm'vgtk'p'dw' {³⁄⁴pg±gnkro guk'kg'vdf' dkrtp'cnp,cu,pc'±cn ,mccm,t0' Ctc vto cf c=³⁄⁴pegikmg'öCpngv' [ ³⁄⁴pgo kö"kg'f'grtgo " d³⁄⁴ni gukpf'g'qr{," {c c{cp'f grtgo |gf grtg"4; " uqtw'cp'qnw'cp'±cn o c' {cr ,m , .cpcni'j gpÄ'cpngv'±cn o cu,"vco co rcpco co , vt0'Dw'wp" {cp,u,tc'dw' nupw'c' {cr ,rp'±cn o cctc'dÄ'Änif'dk'vkk' rkmg'kpegrpo k."etc vto c'k±p'w'i wp'qif w w'f g grtpf kkgp' öDgni gugn' M{pcni' F grtgo guk' [ ³⁄⁴pgo kö"ug±ko k "xg" ±cn o c'c' w'i wcpo , vt0'Dw' {³⁄⁴pgo ng' nupw' j cmmpf'c'f k gt'etc vto ce,rct,p' {cro , "qif wnc't,"±cn o cctc"uqpwepf'c'grf'g'gwkmgtk'dki k'dgni'g'xg' ter qtrct'kg'grf'g'gwkmgtk'xgtkgt'etc vto c'ner uco ,pf'c'f g grtpf kto g{g'cnpo , vt0' cr ,rp'etc vto c' uqpw±ctc,"uqtw'wp'qif w w'f cp'dÄ'Änif'qif w w'p'w'qu{cn' {c co ,p'vco co gp'f g k vk kpk'j cng'j cuc'xg' {ctcn" qrcprt" j ctk±" uc nmm" dkgt'rgtkp' f'cj k' f grtgo kp' rukmqlkn' gvntktp'gp' mwvwo cf, .p, i ³⁄⁴ngto k v0' [ kpg' gnupqo kni' {³⁄⁴pf gp' dcmf , ,pf'c' uqpw±ctc."hrcngv'p' dq {mwct,p,p' qif wnc' dÄ'Änif' qif w w'p'xg'pqto cng'f'³⁄⁴pgo gpk'w'wp' co cp'creec ,p,i ³⁄⁴ngto gmgf k0'

Anahtar Kelimeler: F q cniçhvgvt.'F grtgo .'Chgv' [ ³⁄⁴pgo k'Gnupqo k'Rukmqu{cn0'

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ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

Uelgpkhke'uwf lgu'j cxg'r tqxgp'vj cv'chgt'pcwtcnf kucugtu 'vj g'qpnf 'ewr tku'ctg'pqv'vj g'gxgpw'vj cv'pcwtg' ecwugu. cpf " y cv'vj qug" y j q" wug" pcwtg" wpeqpuekqwnf { " cpf " kpeqttgevnf { " ctg" cnuq" cv' h'wn'0'Vj g" tgegpv' gctvj s wengu'kp" Vwtngf { " ctg" vj g" dguv'gzco r ng'qh'vj ku'0'Y kj " vj gug" gctvj s wengu" k'j cu'qpeg" ci clp" dgeqo g" erget'vj cv'k'ku'pqv'qpnf { " vj g'gctvj s weng" dw'vj g" dwkf kpi " vj cv'nkm'0'K'ku'cnuq" c'mpqy p' h'ev'vj cv'Vwtngf { " ku" nqecv'gf " qp" gctvj s weng' h'wn'kpgu'cpf " vj cv'gctvj s wengu'ctg' kpgxkcdng'0'Vj g" T gr wdrke'qh'Vwtngf { . 'hqwpf gf " kp"3; 45. 'j cf " r t'gxkqwnf " g'zr g'k'p'egf " y q" o clqt" gctvj s wengu'kp" Gt| k'p'ecp"kp"3; 5; "cpf " I  $\frac{3}{4}$  A'ni'kp"3; ; ; 0' J qy gxgt. 'y q" o clqt" gctvj s wengu'vj cv'q'ewt'gf " kp" M'j tco cpo etc " cpf " ku'uwttqwpf kpi u'kp"4245'ecwugf " c" o clqt" f kucugt" kp" vj g" eqwpt { 0'Vj g" h'ev'vj cv'vj g'g" y cu" c" i tgcv' r'quu' qh' r'k'g" cpf " r tqr g'v' { " kp" vj gug" gctvj s wengu" y j lej " y g'g' f' g'uetkdgf " cu'vj g' f' kucugt" qh'vj g' egpwt { . 'engctn' { " u'j qy gf " vj cv'vj g' cf o k'p'k'ucv'qtu" f k' " pqv' v'ng" uwf'k'epv' r' tgecwk'qpu'0'Vj g" r u' { ej qnqi k'ecni'cpf " u'ek'qni k'ecni'gxgpw' g'zr g'k'p'egf " chgt" vj g" gctvj s weng' j cxg' u'j qy p' vj go u'ng'gu'cu'c" dki i gt' r' tqdng' 0'K'ku'cnuq" cpqy gt' t'g'ckv' { vj cv'gctvj s weng' x'le'ko u' ewt'g'p'v' { " r'k'kpi " kp" ek'ku'eqxgt'gf " kp" f' g' d'ku' p'ggf " c" n'p'pi " v'ko g' v' q'x'g'g'eqo g' vj gug' v'cwo c'v'k' ukw'c'k'qpu'0'K' j cu' d'ggp' u'ggp' q'peg" ci clp' vj cv'vj g' r' r' t'q'ej " v'q' d'g' v'c'ng'p' d'gh'g'g' . f' v'k'pi " cpf " chgt" vj g' g' gctvj s weng' kp" q'f' g'g' v'q" o k'p'ko k' g" vj g" r' tqdng' u' g'zr g'k'p'egf " ku" qh' i tgcv' u'v'c'gi k' " ko r' q'v'c'peg. " cpf " k' ku" q'd'x'k'qwu" vj cv' cf o k'p'k'ucv'qtu' vj cv' r' r' t'q'ej " u'w'ej " ukw'c'k'qpu' u'v'c'gi k'ecni' { " ctg" o q't'g' u'w'ee'g'ui'hw'0'Vj ku' t'g'ug'c'ej " y k'ni'v' { " v'q" f' t'cy " cv'g'p'k'q" v'q" vj g' r' t'g'ecw'k'qpu" v'c'ng'p' t'gi c'tf k'pi " gctvj s wengu' cpf " y j g'v'j g'g' vj qug" t'g'ur q'p'uk'd'ng' j cxg' eqp'v'k'd'w'gf " v'q' vj g' v'c'ni' gf { " g'zr g'k'p'egf " chgt' pcwtcnf kucugtu'0'K' vj g' t'g'ug'c'ej = h'k'uw'f . c' uwf { " eq'p'uk'k'pi " qh'4; " s' w'g'k'qpu' y cu' eqp'f v'ew'gf " y k'j " gctvj s weng' x'le'ko u' y j q" g'zr g'k'p'egf " vj g' g'x'g'p'v'kp' vj g' g' gctvj s weng' t'gi k'p' y k'j " vj g' o' u'w'x'g' { " O g'v' q'f o' . dw' vj g' u'w'x'g' { " uwf { " j cu' p'q'v' d'ggp' eqo r ng'v'gf { " g'v'0'K' cf f' k'k'q'p. " vj g' uwf l'gu' eqp'f v'ew'gf " qp" vj ku' u'w'dl'gev' y g'g' " g'zco k'p'gf " y k'j " i tgcv' ectg. " cpf " vj g' o'F q'ewo g'p'v'c't { " U'q'w'eg" Eqo r k'v'k'q'p' O g'v' q'f o' . y j lej " y cu' eqp'k'f g'g'f " cr r' t'q'r t'k'v'g' h'q' t' vj g' t'g'ug'c'ej . y cu' u'ng'v'gf " cpf " cr r' n'g'f " v'q" vj g' uwf { 0'K' cf f' k'k'q'p. " vj g' uwf l'gu' eqp'f v'ew'gf " qp" vj ku' u'w'dl'gev' y g'g' " g'zco k'p'gf " y k'j " i tgcv' ectg. " cpf " vj g' o'F q'ewo g'p'v'c't { " U'q'w'eg" Eqo r k'v'k'q'p' O g'v' q'f o' . y j lej " y cu' eqp'k'f g'g'f " cr r' t'q'r t'k'v'g' h'q' t' vj g' t'g'ug'c'ej . y cu' u'ng'v'gf " cpf " cr r' n'g'f " v'q' vj g' uwf { 0'Y k'j " vj ku' b' g'v' q'f . vj g' k'p'k'q'p' v'k'q'p. f' q'ewo g'p'w'c'p'f " t'g'r q't'u'q'd'v'c'k'p'gf " cu' c' t'g'u'w'v' qh' vj g' uwf l'gu' eqp'f v'ew'gf " d' { " q'v'j g' t'g'ug'c'ej g'tu' q'p' vj g' u'w'dl'gev' cpf " vj g' f' c'v' vj g' { " q'd'v'c'k'p'gf " y g'g' g'x'c'nc'v'gf " y k'j k'p' vj g' u'eq'g' qh' vj g' t'g'ug'c'ej 0'Vj g' t'g'u'w'v' qh' vj g' t'g'ug'c'ej " j cxg' u'j qy p' vj cv'vj g' r' tqdng' " ku' dki i gt' vj cp' k'ku' u'ek'c'ri'k'g' j cu' eqo r ng'v'gf { " ej c'pi gf . cpf " g'x'g'p' j g'c'ni'j { " k'p'f k'k'f v'c'ni' " g'z'eg'r v' h'q' t' vj qug' y j q" ctg' u'k'ni' u'k'ni' c'p'f " k'p'lw'gf . j cxg' p'q'v' d'ggp' c'd'ng' v'q' t'g'eq'x'g' t' h'q'o " vj g' r' u' { ej qnqi k'ecni' g' h'g'ew' qh' vj g' g' gctvj s weng' 0' Ci clp. " h'q'o " cp" g'eq'p'q'o k' e' r' g' t'ur g'ev'x'g' . vj g' t'g'u'w'v' u'j qy " vj cv'vj g' u'ec'ng' qh' vj g' f' kucugt' ku' s' w'k'g' r'cti' g' cpf " vj cv'k' y k'ni' v'c'ng' c' n'p'pi " v'ko g' v'q' t'g'w'p' v'q' p'q'to c'ni' }

**Keywords:** 'P cw'w'c'ni'f kucugtu. 'Gctvj s weng. 'F kucugt' O c'pci go g'p'v. 'G'eq'p'q'o { . 'Ru' { ej qu'ek'c'ri' }

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ZIRHLI KARA ASKERİ ARAÇLARDA ŞANZUMAN PTO ( GÜÇ AKTARMA DIŞLI KUTUSU) ÇIKIŞ ARTTIRIMI

Abdulkadir SARI<sup>1</sup>

<sup>3</sup>"Mqrno cp "Qvqo qvkv" Gpf Āum k'CO 0: Cungt k' Ct/ I g. 'Ctc±' Cw{ cr, 'Mf go nk' Vcuct, o 'W/ o cp, . 'Vctuwu' T' O gt ukp. 'VĀt nk' gO'

<sup>3</sup>QTEK "KF < j wr u< lqt ek' Qti I222; /2222/; 753/2263"

#### ÖZET

Dw±cn o cf c. | ,tj n "nctc" cungrk'ctc±rt, p" cpl wo cp±m rct, pf c" qtlkpcf g" dkt "cf gv" qncp" j ctgnv" vj tkn' ±m , "ctw, to cnik' k'p" { cr, rcp±cn o cf c' i Ā±cmcto c' f k nk' mwwu' xcu, vcu, { r' RVQ±m , uc { , u, p, "ctw, tctcm' k' vgp±m ±qnm' RVQ±m , "grf g' gf km k vktO' Ctc±' r tq' lgrt' kpf gnk' cngt' pcv<sup>3</sup>/<sub>4</sub> "k' ng' ngpf k' p' mwt vto c' xk' p' k' i k' k' dkt' gp±qm' i Ā±cmcto c' "kj v' k' ce, p, "i kf gto gm' xg' dw' nergo rgt "k' k' p" Ā' g' t' k' p' g' o qpvl' ctc { Ā' rgt' k' q' rctcm' vcut' rcp' p' f k nk' mwwu' u' k' ngo k' p' k' v' g' k' k' f' g' x' k' t' g' x' g' v' q' t' m' c' ±cn v' to cu, p, "uc rco cmcf , t""

F k nk' mwwu' p' w' v' j tkn' i k' k' k' m' uo , p' f' c' p' cpl wo cp±m , p' c' w' i' w' p' u' c' t' v' r' t' f' c' d' c' r' p' o , v' t' " v' j tkn' ±m " m' uo , p' f' c' " 4" c' f' g' v' ±m " xg' ±cn v' to c { , " f' Ā' Ā' p' Ā' Ā' o' Ā' " r' q' o' r' c' " xg' c' n' g' t' p' c' v' <sup>3</sup>/<sub>4</sub> Ā' p' d' c' r' c' p' v' u, " k' k' p' " i' g' t' g' m' k' d' c' r' c' p' v' , c' t' c' { Ā' rgt' Ā' g' t' k' p' f' g' o' g' x' e' w' w' t' O' ""

Dkt' k' p' e' k' ±m = Ctc±' t<sup>3</sup>/<sub>4</sub> r' p' v' k' f' g' x' t' k' p' f' g' ±cn , t' n' g' p' ±m v' c' p' " 3 B" q' t' c' p' , p' f' c' " v' j tkn' g' c' t' c' ±' <sup>3</sup>/<sub>4</sub> p' Ā' p' f' g' n' q' p' w' o' r' c' p' f' , t' m , " q' n' c' p' j' g' o' " n' g' p' f' k' p' k' h' e' { i' c' p' | g' o' k' p' f' g' p' h' m' t' v' e' t' c' d' k' n' g' p' . j' g' o' f' g' f' k' g' t' " c' t' c' ±' r' t' , h' m' t' v' e' t' o' c' n' i' k' k' p' v' c' u' t' r' c' p' p' " x' l' p' ±' k' p' " j' k' f' t' q' r' k' n' i' r' q' o' r' c' u' , p' c' " k' v' g' p' g' p' i' Ā±' v' e' j' t' k' k' p' k' u' c' r' o' c' n' i' k' k' p' " f' Ā' Ā' p' Ā' o' Ā' v' Ā' t' " x' g' " f' k' nk' m' w' w' u' p' f' c' " r' q' o' r' c' p' , p' d' c' r' c' p' v' u, " k' k' p' " i' g' t' g' m' k' c' t' c' { Ā' rgt' o' g' x' e' w' w' t' ""

n' k' p' e' k' ±m = Ctc±' t<sup>3</sup>/<sub>4</sub> r' p' v' k' f' g' x' t' k' p' f' g' " 3 B ( 8 : " q' t' c' p' , p' f' c' " v' j tkn' g' f' g' x' k' " c' t' w' , t' c' t' c' m' c' t' c' ±' Ā' g' t' k' p' f' g' n' q' p' w' o' r' c' p' f' , t' m , " q' n' c' p' " c' n' g' t' p' c' v' <sup>3</sup>/<sub>4</sub> k' k' p' " i' g' t' g' m' k' i' Ā±' v' e' j' t' k' k' p' k' u' c' r' o' c' n' i' k' k' p' . " C' n' g' t' p' <sup>3</sup>/<sub>4</sub> " u' c' x' v' p' o' c' " u' g' m' <sup>3</sup>/<sub>4</sub> Ā' p' f' g' Ā' u' { c' r' , f' c' " d' w' n' c' p' p' " g' n' g' t' " k' k' p' f' g' " d' w' n' c' p' p' " g' r' g' m' t' k' n' i' k' d' k' t' o' r' g' t' k' p' " g' p' g' t' l' k' u' k' p' k' u' c' r' o' c' n' i' k' k' p' " i' Ā±' f' c' , v' o' " Ā' p' k' g' u' k' p' f' g' m' k' c' n' Ā' g' t' k' u' c' t' l' " g' t' o' g' m' k' O'

Ctc±' cpl wo cp±m " v' j tkn' ±m " d<sup>3</sup>/<sub>4</sub> i' g' u' k' f' c' t' " x' g' ±cn o' c' u , " | q' t' d<sup>3</sup>/<sub>4</sub> i' g' q' m' o' c' u , " p' g' f' g' p' k' i' g' " f' k' nk' m' w' w' u' " q' t' v' e' r' o' c' " G' p' k' 533 o' o' " / " D' q' { < 6 ; 7 " o' o' " d' q' { r' c' t' , p' f' c' " q' n' w' " u' c' p' | w' o' c' p' , p' Ā' g' t' k' p' f' g' n' k' d' k' t' o' r' g' t' g' " v' o' c' u' " g' v' o' g' f' g' p' " o' q' p' v' l' { c' r' , m , v' t' O'

Vcuct, o " C co cu, p' f' c' " D' c' m' o' " x' g' " v' o' k' k' k' k' p' " c' t' c' ±' Ā' u' Ā' p' f' g' p' o' Ā' f' c' j' c' r' g' " g' f' k' r' e' g' e' m' i' u' g' n' k' f' g' " d' c' m' o' " { c' r' , r' e' c' n' i' { g' t' r' g' t' k' p' Ā' u' g' " q' m' o' c' u , " u' c' r' p' o , v' t' ""

Anahtar Kelimeler: "F k nk' Mwwu' . " V' e' j' t' k' n' i' . V' e' c' t' , o' " C co cu , " . " F c' t' d<sup>3</sup>/<sub>4</sub> i' g' ""

"

#### ABSTRACT

K' p' v' j' k' u' u' w' f' { . " g' h' t' u' v' y' g' t' g' o' c' f' g' v' q' " g' p' j' c' p' e' g' v' j' g' " g' z' k' u' k' p' i' " u' k' p' i' r' e' g' o' q' v' k' p' " f' t' k' x' g' " q' w' r' w' c' v' v' j' g' " v' t' c' p' u' o' k' u' k' a' p' " q' w' r' w' u' q' h' l' e' t' o' q' t' g' f' " i' t' q' w' p' f' " b' k' k' a' c' t' { " x' g' j' k' e' n' g' u' 0 V j' k' u' y' c' u' b' e' j' k' x' x' g' f' " d' { " k' p' e' t' g' e' u' k' p' i' " v' j' g' p' w' o' d' g' t' q' h' i' r' q' y' g' t' " c' n' g' / q' h' i' " R' V' Q " + q' w' r' w' u' v' j' t' q' w' i' j' " c' " r' q' y' g' t' " v' t' c' p' u' o' k' u' k' a' p' " i' g' e' t' d' q' z' . " v' j' g' t' g' d' { " q' d' v' k' p' k' p' i' " v' j' g' f' g' u' k' t' g' f' " o' w' n' k' r' g' " R' V' Q " q' w' r' w' u' 0 V j' g' i' g' e' t' d' q' z' " u' { u' g' o' " k' u' f' g' u' k' i' p' g' f' " v' q' " b' o' g' g' v' x' c' t' k' a' w' u' r' q' y' g' t' " v' t' c' p' u' h' t' " t' g' s' v' k' t' g' o' g' p' u' l' k' p' " x' g' j' k' e' n' g' " r' t' q' l' g' e' u' " u' e' j' " c' u' v' j' q' u' g' " h' a' t' " c' p' " c' n' g' t' p' c' v' q' t' " c' p' f' " c' " u' g' h' / t' g' e' x' q' t' { " y' k' e' j' . " g' p' u' m' t' k' p' i' " q' r' v' o' c' n' i' q' r' g' t' c' v' k' a' p' " c' v' v' j' g' " u' r' g' e' k' h' e' g' f' " t' q' v' e' v' k' p' c' n' i' r' g' g' f' " c' p' f' " v' q' t' s' w' g' "

V' j' g' i' g' e' t' d' q' z' " k' u' " e' q' p' p' g' e' v' g' f' " v' q' " v' j' g' " v' t' c' p' u' o' k' u' k' a' p' " q' w' r' w' u' v' p' f' g' t' " u' w' k' c' d' r' g' " e' q' p' f' k' k' k' a' p' u' " h' t' q' o' " v' j' g' f' t' k' x' g' " k' p' r' w' u' g' e' v' k' a' p' 0 V j' g' t' g' " c' t' g' " y' q' " q' w' r' w' u' e' q' p' p' g' e' v' k' a' p' u' l' k' p' " v' j' g' f' t' k' x' g' " q' w' r' w' u' g' e' v' k' a' p' . " c' n' q' p' i' " y' k' j' " v' j' g' " p' g' e' g' u' c' t' { " k' p' v' g' t' h' e' g' " e' q' p' p' g' e' v' k' a' p' u' h' t' " v' j' g' r' w' o' r' " c' p' f' " c' n' g' t' p' c' v' q' t' " y' g' " l' p' v' g' p' f' " v' q' " q' r' g' t' c' v' g' "

V' j' g' " h' k' u' v' " q' w' r' w' u' k' u' f' g' u' k' i' p' g' f' " v' q' " r' t' q' x' k' f' g' " c' " 3 - 3 " f' t' k' x' g' " t' c' v' k' y' j' k' e' n' g' " v' j' g' " x' g' j' k' e' n' g' " q' r' g' t' c' v' u' i' " c' v' k' f' r' e' g' " u' r' g' g' f' O' K' " u' w' r' r' k' e' u' v' j' g' t' g' s' v' k' t' g' f' " r' q' y' g' t' " v' t' c' p' u' h' t' " v' q' " v' j' g' j' { f' t' e' w' r' e' " r' w' o' r' " q' h' i' v' j' g' y' k' e' j' . " y' j' k' e' j' " k' u' r' q' u' k' k' a' p' p' g' f' " c' v' v' j' g' " h' t' q' p' v' "

ABSTRACT BOOK

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qh'vj g'xgj leng'cpf 'ku'ecr cdrg'qh'dqj 'ugrh/tgeqxt { 'Itqo "ukr r gt { "uwtcegu'cpf "tguewki "qyj gt'xgj lengu' Vj g'i gctdqz 'kpenmf gu'vj g'pgeguuct { 'kpvgtcege'eqppgevkpu'hqt 'vj g'r wo r "

Vj g'ugeqpf "qwr w'ku'f guki pgf "vq" r tqxkf g'vj g'pgeguuct { "r qy gt "vcpuhgt" vq"vj g"cnngtpevqt. "y j lej "ku" r qukkapgf "qp'vj g'xgj leng."d { 'kpetgcu'ki "vj g'f tkg'tcvkq'vq'3-3(8: "y j kng'vj g'xgj leng'qr gtcvgu'cvkf ng'ur ggf 0' Vj g'cnngtpevqt 'ku'kpvpgf gf "vq'uwr r n' "gpgti { "vq'vj g'grgevtlecl'wplku'mqecv'f "y kj kp'vj g'uj gngt'kp" f ghgpug" ugevqt" cr r necvkpu'cpf "vq'ej cti g'vj g'dcvgtkgu'kp'vj g'r qy gt "f kmtkdwkqp'wplk' "

F wg'vq'vj g'pcttqy "cpf 'ej cnngpi kpi 'pcwtg'qh'vj g'xgj leng'u'vtepuo kuukap'f tkg'qwr w'ctgc. "vj g'i gctdqz" j cu'cxgtci g'f ko gpukapu'qh'533"o o 'kp'y kf vj "cpf '6; 7"o o 'kp'ngpi vj . "cmqy kpi 'hqt'kpu'cnc'vkqp'y kj qw' eqpcevki "vj g'eqo r qppgw'mqecv'f "qp'vqr "qh'vj g'vtepuo kuukap" "

F wtkpi "vj g'f guki p'rj cug. 'k'y cu'gpwmtgf "vj cv'o clpvgpcep'cpf "tgr ck'ceegu'r qkpw'ctg'mqecv'f "qp'vj g' w r gt'ukf g'qh'vj g'xgj leng'hqt "gcug'qh'kpvgtxgpvkqp" "

Kp'vj ku'vgo r rcvg. "vj g'eqpi tgu'hqto cwki 'tgs wktgo gpw'ctg'f guetldgf 0'Vj g'cdutcev'uj qwrf "dg'cv'hgcu'422" y qtf u'kpenmf kpi 'ur cegu'cpf 'lwo o ctkg'vj g'b clp'r qkpw'qh'vj g'r cr gt 0'Hqpv'uj qwrf "dg'Vko gu'P gy "Tqo cp." hqv'uk' g'33"r w'Rci g'O cti kpu'Vqr. "dqwqo. "rgh'cpf "tki j v'o cti kpu'o wu'dg'ugv'vq'4.7"eo 0'F q'pqv'cf f " r cti trj 'ur cekpi 0'Cr' cr gtu'uj qwrf "dg'y tkwgp'cu", 0' qe'qt", 0' qez'hqto cv'cpf "vj g' { 'lj qwrf "dg'lwdo kwgf " vq'go cki'cf f tgu'qh'eqphgtgpeg'y gdukg0" "

**Keywords:** 'I gctdqz. 'F tkg'IRqy gt'Vtepuo kuukap. 'F guki p'Rj cug. 'P cttqy 'Ctgc'IEqphkpgf 'Ur ceg' "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ENJEKTE EDİLEBİLİR FORMÜLASYONDA LİDOKAİN HİDROKLORÜR TAYİNİ İÇİN YEŞİL HPLC YÖNTEMİNİN GELİŞTİRİLMESİ DEVELOPMENT OF GREEN HPLC METHOD FOR THE DETERMINATION OF LIDOCAINE HYDROCHLORIDE IN INJECTABLE FORMULATION

Elif OZDEMİR<sup>3</sup>

F t0 t0©{guk "Kncpdwi" gpkl" w} {ki'Wpkxgt ukxguk "Kncpdwn" VÃtnk g" }

<sup>3</sup>QTEK "K" <j wr u-1lqt ekf Qti I2222/2224/7233/: 566"

Şule DİNÇ ZOR<sup>2</sup>

<sup>4</sup>Rt q10F t0[ ,rf ,/ "Vgnpkn"©pkxgt ukxguk "Hgp/Gf gdlf c v'Hcm'Mko {c 'D/ãÃo ÃÃ " uwpdwn" VÃtnk g0"

<sup>4</sup>QTEK "K" <j wr u-1lqt ekf Qti I2222/2224/: 925/898: "

#### ÖZET

Nkf qncpk."kpucp" xg'xgvtkpjt" j gnko rk kpf g'rqner'cpgugl km'cpcrlg kn'xg'cpvctko kn'clcp'qrctenl' {c {i ,p' qrctenl'mwrep, mo cmcf ,t "3ó6+xg'knico kpqco kf /vr k'rqner'cpgugl kn'qrctenl'3; 65" { ,n p f c "Z { nqckpg"cf , " cix,pf c"ugpvgl rgo k vkt0"

Dw'±cn o cf c."rqner'cpgugl kn'qrctenl'kf qncpkp"vc {kp'k±k±p" {gpk'dkt" {g ki'J RNE" {3pvg0 k'i grk vktko k vkt0 Dw'vÃt"kr±rtf cnk'gnkp"o cf f grtkp"vc {kp'k±k±p"±gxtg" f quw" f Ã Æn'vqmkm"gmppgo km" f q tw'xg"j cuucu" cpcrk " {3pvg0 rgtkpk"i grk vktko gukg"lj vlc±f w'wo cmcf ,t0[ g kn'ntqo cvqi tch'k" {3pvg0 rgt'kdw'npwfc" k'k'cngtpevkrgt"uwo cmcf ,t0[ g kn'ntqo cvqi tch'kpk"cp"j gf ghrtkpf gp'dktk"gp"u,n'mwrep,rcp"j ctgnvkl' hc| rtf c" {gt'cnp"cuqvqpktn'xg"o gvcqn'i kdk±34 Æ Ængtkp" f cj c"cl" | ctctn" xg"±gxtg" f quw'cngtpevkrtrg." 34pg kp"uw"gvcpqn" {Ã g {"cmk'i'o cf f grt"xd0f g k vktko guk'k" \*7-0Dw" gnkf g."o crk' gv'c±,u,pf cp" w'i wp" xg"±gxtg" f quw'cngtpevkrgt"uwo cp" {3pvg0 rgt"i grk vktkgdkt0"

I grk vktkpg" J RNE" cpcrk" {3pvg0 kpk" qr vko cn' nq wrcr,." kucvknmgn' f gpg" vcut,o , " {cmc ,o , " mwrep,rcenl' dgkrngpo k vkt0 Qr vko k cu'qp" k±k±p" 5/f g k ngprk" 5/ugxk' grk' dkt" Dqz/Dgj pngp" vcut,o , " w'i wrcpo , v,t0'Rkn'cnp,." vqtkn' r rvcq" uc { ,u, " xg" nkf qncpkp" cnmpo c" uÃt'guk' i kdk' {cp, v' f g k ngprtk' F gttkpi gt" w'i wprwihqpmk' qpw'mwrep,rcenl'g | co cpn'qrctenl'qr vko k g'gf kro k vkt0"

De ,o u, | "f g k ngprtk"qrctenl'j ctgnvkl'hc| ,p'r J Æ. "cm "j , | , "xg"j ctgnvkl'hc| f cnk'gvcpqn'qtcp, "f kmvng" cnpo , v,t0F gpg {ugr±cn, o crct'±cui grg'u,tc {r'i gt±gmng vktko k "xg"vqr rco f c"37" f gpg { " {cr ,mo , v,t0J gt" dkt" J RNE"ntqo cvqi teo , pf cp" {cp,rcr"dgkrngpo k . "tgi tgu'qp" cpcrk' k'mwrep,rcenl' f g gtrgpf ktko k "xg" uqpwrct,p' f q tww w'CP QXC"kg"vuv'gf kro k vkt0Qr vko wo "nq wrcr." j ctgnvkl'hc| 'r J Æ, "6Ö."cm "j , | , " 3Ö'o Nlf cn'xg"j ctgnvkl'hc| f cnk'gvcpqn'k±gk k" "47"qrctenl'dgkrngpo k vkt0"

I grk vktkpg" {g ki' {3pvg0 . 'nkf qncpkp"vc {kp'k±k±p"±gxtg" f quw" j cuucu'xg'i Æxgpkk" { Æmgnr' gthqto cpun' u,x, " ntqo cvqi tch'k" {3pvg0 k'qrctenl'dkt" cngtpevkl'uwo cmcf ,t0"

**Anahtar Kelimeler:** "Nkf qncpk." {g ki'J RNE. "Dqz/Dgj pngp" vcut,o , . "vc {kp"

"

#### REFERENCES

30 Ugrmtu" I 0" Nkp." J (E0" Tkf f gm" O 0" Tcxku." Y 0"0" F wrcp." UJ 0" I kxgpu." O (F 0" Rj cto ceqnpvgvku" qh' nkf qeckpg" kp" ugtwo " cpf " o km' qh' o cwtg" J qnvgkp" eqy u= "Lqwtprn' qh' Xgvtkpct { " Rj cto ceqmqi { "cpf "Vj gtr gwleu" \*422; ±54-266806720

40 O eEctj { . "I (E0" O gi cmc." U00" J cdld." C00" K r cev" qh' kptcxgpqwu" nkf qeckpg" kphwukp" qp" r quwr gtcvkg" cpcni guk' c'pf "tgeqxtg { "Itqo "uwti gt { =F twi u" \*4232 ±92-2336; 033850

50 F c'Ewpj c.' CHDO guugpi gt. MO 0Uqvw.T0Y 0Dctngt. U00'P gxctgl . 'Ll OS wgtq| /Y knico u.' R0" gv'cr0'Rj cto ceqnpvgvku' qh' nkf qeckpg" c'pf "ku'cevkg" o gvcdrkg" o qpqvgj { ni n'ekpgz { nkf k' g'chgt" c" ukpi rg"

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kpvcxgpqwu"cf o kpkmtcvkqp"kp"ej lengpu"\*i cmwu" f qo gukwu"cpguj gwł gf "y kj "kuqhmcpq="Lqwtpcn"qh" Xgvtkpcct { "Rj cto ceqmi { "cpf "Vj gtr gwleu "4234="57<82668290

60 I wum"X0"Vwtmqlxle."X0"P gugnCf co ."X0"Ngtrqle."K"Rqr qxle."O 0Dtclgpqxle."P 0"gv"ctf" Nkf qeckpg"ugt wo "eqpepvtcvkqp"chgt"gr kf wtncf o kpkmtcvkqp"kp"eqo dlpvcqp"y kj "o qtr j kpg"cpf "hgpvc{ n' kp"tcdkô C "r tgrko kpcct { "uwf { =Tgugctej "kp"Xgvtkpcct { "Uekpeg."4235="; 6<87368770

70 P er qrkcpq/Vcdetgu."R0"K"P gi t"p/Ucpwo ct"p."K"i wkł ttgl /Ugr c."C0"Rkq."X0"Tegepv"ghqtu" vq"kpctgcug"i tggppguu"kp"ej tqo cvqi tcr j { "0'E wttgpv"Qr kpkqp"kp"i tggp"cpf "Uwvckpcdng"Ej go knt { ."54." 42430

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#### ABSTRACT

Nkf qeckpg" ku" y kf gnł " wugf " kp" j wo cp" cpf " xgvtkpcct { " r tcevkqg" cu" mpcn' cpguj gwle." cpcni guke" cpf " cpvcttj { vj o le"ci gpv"366+"cpf "k'y cu"vj g"htu"co kpcqo kf g/v{ r g"mecn'cpguj gwle"u{ pvj gukł gf "wvf gt"vj g" pco g"Z { mcekpq"kp"3; 650 K" vj ku"uwf { ."c" pgy "i tggp" J RNE" o gvj qf "j cu" dggp" f gxgnr gf "hqt" vj g" f gvto kpcvqp"qh"hf qeckpg."c"mecn'cpguj gwle"0Vj gt g"ku"c"pggf "vq" f gxgnr "gpvktqpo gpvcnł "htkpf nł ."hny / vqzle."geqpqo kecn"ceewtcvg"cpf "ugpukxg"cpncł uku"o gvj qf u"ht" vj g" f gvto kpcvqp"qh"vj g"cevkg"uwducpegu" kp"vj gug" f twi u"vqi gvj gt 0I tggp"ej tqo cvqi tcr j { "o gvj qf u"qht" i qaf "cngtvcxgu"kp"vj ku"tgi ctf 0Qpg"qh" vj g"o clp"i qeni"qh"i tggp"ej tqo cvqi tcr j { "ku"c"uqkxgpv"tgr mego gpv"qh"vj g"o quv"eqo o qpnł "wugf "o qdkrg" r j cugu"kpemł kpi "cegvkpkrg"cpf "o gvj cpqnł d { "guu"j cto hwi"cpf "o qtg"geqhtkpf nł "cngtvcxgu"uwej "cu" y cvgt."gvj cpqn "uwthcecpw"ge0\*7-0K"vj ku"o cpgt."vj g"o gvj qf u"y j lej "ctg"equv"ghgevkxg"cpf "i qaf "geq/ ht kpf nł "cngtvcxgu"kp"eqo r ctkuqp"y kj "vj g"tgr qt vgf "o gvj qf u"ecp"dg" f gxgnr gf 0

Vj g"qr vko cni"eqpf kkpqu"qh"vj g" f gxgnr gf "J RNE"cpncł uku"o gvj qf "y gtg" f gvto kpgf "wukpi "c"uwvukmecn" gzt gtko gpvcnł guki p"err tqcej 0C"5/xctkcdng."5/rxgnDqz/Dgj pngp" f guki p"y cu"er r rkgf "hqt"qr vko kucvqp" uvgr 0T gur qpug"xctkcdngu"uwej "cu"r genictgc."vj ggtgvecnr mv"pwo dgt"cpf "tgvvkvqp"vko g"qh"hf qeckpg"y gtg" uko wncpgqwanł "qr vko kugf "wukpi "vj g" f gttkpi gt" f guktcdkxvł "hwpevqp0

Vj g"r J "qh"vj g"o qdkrg"r j cug."hny "tcvg"cpf "gvj cpqnł"tcvq"kp" vj g"o qdkrg"r j cug"y gtg" eqpukł gtgf "cu" kpf gr gpf gpv" xctkcdngu0" Gzr gtko gpvcnł twpu" y gtg" ecttkgf "qw" tcpf qo nł " cpf " 37" gzt gtko gpw" y gtg" r gthqto gf "kp"vqvcnł T gur qpugu" y gtg" f gvto kpgf "htqo "gcej "J RNE"ej tqo cvqi tco ." gxcnvcvgf "wukpi " tgi tguvqp"cpncł uku"y gtg" wugf "vq" gxcnvcvg"vj g" f cvc"cpf "vj g"ceewtce { "qh"vj g"tguwmu"y cu"vugvf "d { "CP QXC0" Vj g"qr vko wo "eqpf kkpqu"y gtg" f gvto kpgf "cu"r J "qh"vj g"o qdkrg"r j cug"60."hny "tcvg"30"o Nbo kp"cpf " gvj cpqnł eqpvgpv"kp"vj g"o qdkrg"r j cug"47' 0

Vj g" f gxgnr gf "i tggp" o gvj qf " qhtgtu" cp" cngtvcxg" hqt" vj g" f gvto kpcvqp" qh" hf qeckpg" cu" cp" gpvktqpo gpvcnł "htkpf nł ."ugpukxg"cpf "tgrkcdng"j ki j "r gthqto cpeg"iks wkł "ej tqo cvqi tcr j { "o gvj qf 0

**Keywords:** "Nkf qeckpg."i tggp"J RNE."Dqz/Dgj pngp" f guki p. "f gvto kpcvqp"

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REVIEW ON BIOLOGICAL ACTIVITIES OF WHITE MUSTARD  
BEYAZ HARDALIN BİYOLOJİK AKTİVİTELERİ ÜZERİNE İNCELEME

Oğuzhan KOÇER<sup>1</sup>

<sup>3</sup>F t 0'Quo cpkğ'Mqtmw'Cvc'Wpkxgt ukş. 'F grctwo gpv'qhl'Rj cto cel'Ugt xkegu'Xqecvqpcn'Uej qqr'qhl'  
J gcnj 'Ugt xkegu'Quo cpkğ.'VĀtnkğ0'

<sup>4</sup>QTEK 'K' <j wr u-İlqt elğ Qti İ222/2224/2326/97: 8"

Mustafa SEVİNDİK<sup>2</sup>

<sup>4</sup>F q±gpv.'Quo cpkğ'Mqtmw'Cvc'Wpkxgt ukş.'Gpi kpggt kpi 'cpf'Pcwtcn'Uekppegu'Hcewnş.'F grctwo gpv'qhl'  
Dkqrqi {'Quo cpkğ.'Vwtngf"

<sup>3</sup>QTEK 'K' <j wr u-İlqt elğ Qti İ222/2223/9445/4442"

İmran UYSAL<sup>3</sup>

<sup>4</sup>F t. 'F grctwo gpv'qhl'Hqf 'Rt qegu kpi. 'Dcj ±g'Xqecvqpcn'Uej qqr'qhl'J ki j gt'Gf wecvkqp.'Wpkxgt ukş'qhl'  
Quo cpkğ'Mqtmw'Cvc.'VĀtnkğ0'

<sup>3</sup>QTEK 'K' <j wr u-İlqt elğ Qti İ222/2225/2; 64/; 87: "

"

ÖZET

Dknkgt'ctqo c"xg"rg | gv."nq | o gvm"i k uk"ukrj. "{ emv"det,peni' kdk'htem,"co e±retn"mwmp,mo emcf,t0' ¥ cn, o co ,| f c" Upr ku' cndcø,p" rkgte vĀf g" dkf k lrgp" dk{ qnllni' emkxkgngt' f gtngpo k vt0' U' cndc "Dtculecegeç+dg{c | j ctf en'qrcteni'dkko gmgf k0Eq tehniqrcteni'cpxcvcp,"Cnf gpk' d³⁄⁴i guk'qmo cu,pc" tci o gp" f Āp{cp,p" dk±qm' d³⁄⁴i guk'p g" {c,n " i ³⁄⁴vto gmgf k0' Dg{c | " j ctf en' vj wo net," kkp" {gvk vtko gmgf k0' [ cr,rcp" rkgtevĀt' cte v,to crct,pf c" Upr ku' cndcø,p" cpvkqm k cp." cpko kntqdk en" cpvkrcpugt."cpvk'p hrcø cwxct"xg"ukvqm k ni' kdk' emkxkgngt k p" qrf w w'i ³⁄⁴ rgo ngpo k vt0'Dw'ner uo f c" Upr ku' cndcø,p" dgung{kek³⁄⁴ gnkngt k p gniqrcteni'cto cnqnlkniqrcteni' c'hwmp,rdkgeç ki ³⁄⁴ Āo Ā vĀt0' Anahtar Kelimeler: "Cpvkqm k cp."cpko kntqdk en"cpvk'p hrcø cwxct."dg{c | " j ctf en'Upr ku"

"

ABSTRACT

Rrcpw'ctg'wugf 'hqt'f k hgtgpvr' wr qugu'weç "cu'ctqo c'cpf' hrcxt. 'equo gvku.'emvj kpi. 'y gcr qpu.'hwgn'cpf " uj gngt0'k'qwt'uwf {.'y g'dkqmi kecncvkkkgu'qhl'Upr ku' cndc "tgr qtvgf 'kp'y g' rkgte vĀf g' y gtg'eqo r kngf 0'U' cndc "Dtculecegeç+ ku' mpqy p" cu' y j kg" o wactf 0' Cnj qwi j " ku' i gqi tcr j keci' j qo gncpf " ku' y j g" O gf kgttçpçp" tgi kq. "k'ku'y kf gur tçf "kp" o cp{ " rctvu'qh'y g'y qtrf 0'k'ku'ewkxcvgf "hqt'y j kg" o wactf " ugff u0' k' y j g" rkgte vĀf g' uwf kgu. "k' y cu' qdugt xgf " y cv' Upr ku' cndc " j cu' cpvkz k cpv." cpko ketqdk en" cpvkrcpçgt."cpvk'p hrcø o cvqt {."cpf 'e{ vqzke'cevkkkgu0'k' y ku'eqpvz v.'k'y cu'uggp'y cv'Upr ku' cndc "ecp" dg'wugf 'r j cto ceqmi kecm' "kp'cf f kkp'v'q'ku'pwtkkqpcni'r tqr gt vku0'"

Keywords: "Cpvkz k cpv."cpko ketqdk en"cpvk'p hrcø o cvqt {.'y j kg" o wactf ."Upr ku"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### A REVIEW ON BIOLOGICAL ACTIVITIES OF ST. JOHN'S WORT SARI KANTARONUN BİYOLOJİK AKTİVİTELERİ ÜZERİNE BİR DERLEME

Oğuzhan KOÇER<sup>1</sup>

<sup>3</sup>F t 0' Quo cpk g' Mqtmw' Cx ' Wpkxgt ukş. ' F gr ct wo gpv' qh' Rj ct o cel ' Ugt xkegu ' Xqec vkpcn' Uej qqr' qh'  
J gcnj ' Ugt xkegu ' Quo cpk g. ' VĀtnk g0

<sup>4</sup> QTEK ' K < j wr u- lqt ekş Qti I222/2224/2326/97: 8"

Mustafa SEVİNDİK<sup>2</sup>

<sup>4</sup> F q ± gp v. ' Quo cpk g' Mqtmw' Cx ' Wpkxgt ukş. ' Gpi kpggt kpi ' cpf ' Pcw t cn' Uekpgegu' Hcewnş. ' F gr ct wo gpv' qh'  
Dkqrı { . ' Quo cpk g. ' Vwtng { "

<sup>3</sup> QTEK ' K < j wr u- lqt ekş Qti I222/2223/9445/4442"

İmran UYSAL<sup>3</sup>

<sup>4</sup> Ft. ' F gr ct wo gpv' qh' Hqf ' Rt qegu kpi . ' Dcj ± g' Xqec vkpcn' Uej qqr' qh' J ki j gt ' Gf wec vkp. ' Wpkxgt ukş ' qh'  
Quo cpk g' Mqtmw' Cx. ' VĀtnk g0

<sup>3</sup> QTEK ' K < j wr u- lqt ekş Qti I222/2225/2; 64/; 87: "

#### ÖZET

I grpgmgn'v.r ' her uco , pf c' dkt ± qmıdkn' vĀtĀf q twf cp' f q cf cp' vgo k p' gf kgt gnıhwncp, m cmcf, t0Dknırgt' kpcpırt" vctch, pf cp" j cuen, mırtıe" o Āecf grg" i kdk' hctm, " co ± rırtıe" mırtıe, m cmcf, t0' ¥ cn, o co , | f c" J { r g t k e w o " r g t h q t c w o o w p " r k g t c v Ā t f g " d k f k k r g p " d k f q n l k n i c m k x k g r g t k f g t r g p o k v t 0 J O r g t h q t c w o " u c t , " n e p v c t q p " q r c t e n i d k k p o g m g f k 0 F Ā p { c p , p " d k t ± q m i d 3 / 4 i g u k p f g " n u l o q r q r k v " q r c t e n i { c { , n " i 3 / 4 u g t o g m g f k 0 [ c r , n p " r k g t c v Ā t " e t c v t o c r t , " u q p v e w p f c " J O r g t h q t c w o o w p " c p v k m k f c p . " c p v k o k n t q d k c n " c p v k n e p u g t . " u k v q m u k m " c p v k x k t c n " c p v k / g p h r c o c w x c t " x g " c p v k f g r t g u c p " i k d k " c m k x k g r g t k p k p " q r f w w i 3 / 4 Ā r o Ā v Ā t 0 ' D w " n e r u c o f c " J O r g t h q t c w o o w p " h c t o c n q r l k n i f k c { p r c t f c " f q c n i c l c p " q r c t e n i m w n e p , r e d k r e g e k ' f Ā Ā p Ā r o g m g f k 0

Anahtar Kelimeler: "Cpvkqmıkf cp. "cpvknepugt. "cpvko kntqdkf cn" I grpgmgn'v.r. 'v, ddk' dknırgt"

#### ABSTRACT

O cp { " r n e p v ' u r g e k g u ' c t g " w u g f " f k g e w n f " h t q o " p c w t g " y k j k p " v j g " u e q r g " q h ' v t c f k k a p c n i ' o g f k e l k p g O R n e p u i ' c t g " w u g f " d { " r g q r n g ' h q t " f k h g t g p v ' r v t r q u g u ' u w e j " c u ' h k i j v k p i " f k u g c u g u O K p " q w t ' u w f { . " v j g " d k q n i k e c n i ' c e v k x k l g u ' q h " J { r g t k e w o " r g t h q t c w o " t g r q t v g f " k p " v j g " r k g t c w t g " y g t g " e q o r k r g f O J O r g t h q t c w o " k u ' n p q y p " c u " U 0 L a j p u " Y q t 0 K k u f k u t k d w g f " e q u o q r q r k c p n i ' k p " o c p { ' t g i k a p u ' q h ' v j g " y q t r f O C u ' c ' t g u w n ' q h ' v j g " r k g t c w t g ' t g u g t e j . " k ' y c u ' u g g p " v j c v ' J O r g t h q t c w o " j c u ' c p v k z k f c p v . " c p v k o k e t q d k c n " c p v k e c p e g t . " e { v q v z k e . " c p v k x k t c n " c p v k / k p h r c o o c v q t { " c p f " c p v k f g r t g u c p v ' c e v k x k l g u O K p " v j k u ' e q p v g z v . " k ' k u ' v j q w i j v v j c v ' J O r g t h q t c w o " e c p " d g " w u g f " c u ' c " p c w t e n i c i g p v k p " r j c t o c e q r i k e c n i f g u k i p u 0 ""

Keywords: "Cpvkz kf cpv. "cpvkcepgt. "cpvko kntqdkc n" Vtef kkapcn' o gf kelpg. "o gf kelpcn' rcpw"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SOSYAL MEDYA VE BAĞIMLILIK: Z KUŞAĞI ÜZERİNE BİR ANALİZ SOCIAL MEDIA AND ADDICTION: AN ANALYSIS ON GENERATION Z

Prof. Dr. Mikail BATU\*

*P geo gwlp'Gtdcncp'©pkxgt ukxguk'Uquf crlxg'Dg gt, 'Doko rgt 'HcnÅnguk'*

*QTEK 'K' <2222/2224/89; 3/22; : "*

*Yüksek Lisans Öğrencisi Mert AYDIN\*\**

*P geo gwlp'Gtdcncp'©pkxgt ukxguk'Uquf crlDoko rgt 'GpukÅuÅ'*

*QTEK 'K' <222; /2227/39; 6/76: 8"*

"

#### ÖZET

De ,o nnm'dktg{kp'dgrtk'k'dk'o c f f g."pgupg" {c'f c'cmkxkg{K'nqptqnuÅ "dk" gnkf g'nwncpo c{c'f gxc o " gw k'dw'hm'4'qm cf cp" {c co ,p, 'uÅf Ågo g{gegnf wto c'i g f k'k'dk'qni w'qrcem'grg'cnpo cmcf ,t0Dw' etc v,to c."uqu{cn'o gf {c"dc ,o nn ,p," dk"vÅ" f extcp, ucn'de ,o nni'qrceni'f g gtrgpf kkr ."vgnpqmlk' dc ,o nn , "ner uco ,pf c'grg'cm cmcf ,t0Uqu{cn'o gf {c."kpvgtpg'vdcpn"dk'r r'vhtto "qrf w w'k'kp"uqu{cn' o gf {c"dc ,o nn , "nextco ,."vgnpqmlk' dc ,o nn , pf cp"dc ,o u| "f Å ÅpÅ go gnf k'k'Uqu{cn'o gf {c'f c' c ,t,| co cp"i g+ktgp" dktg{rgtkp."nk kgn"uqu{cn' g kugn'xg'o gungn' uqtwo nwmmt,p, " {gtkpg"i gkto gmg' | qtrcpf ,mct, "xg'dwpwp"uqpwepf c'k' kgn r' uknqmlk'xg'uqu{cn' uqwpct" {c cf ,mct, "dgrk'k' gmgf k'0' Ctc v,to cp,p'go g'co ce,."f k'k'cn'hw cnk'g'g'k'k'p'gn'k'dktg{rgtkp' uqu{cn'o gf {c'hwncp,o rct,p,p'dc ,o nni' f Å g{kp'g'pcu,n'wrc v ,p, "dw'dc ,o nn ,p'pgf gprgk'k'xg'uqpw+ct,p, "qvc{c'nq {o cnx't0Dw'f q twmf c." ±cn o cf c" {cp,v'tecep'uqtwct<Uqu{cn'o gf {c'pgf gp'dc ,o nni' ctevecmih'et'hwncp,m cmcf ,tAW' wp' uÅg'uqu{cn'o gf {c'c'x'cnk'i g+ktto gpk'ugdgr rgt'k'p'grgtf k'A'Uqu{cn'o gf {c'c'i g+ktk'gp" co cp"dktg{rgtkp' uqu{cn'j c{c'p, "pcu,n'gvnko gmgf k'A'qrceni'u,terpo cmcf ,t0Ctc v,to cf c'pkgn'etc v,to c" {3p'vgo rgtk' ±gt±gxgukp'g' h'p'qo g'p'q'k'ni' f g'g'p" nwnp,m , v,t0' Dw' etc v,to cf c." n'v,n'o e,rct,p" uqu{cn' o gf {c' dc ,o nn , {r'k'i k'k'v'et'Ådgrgk'xg'cni ,mct, 'f g'k'p'go g'k'p'g' 3/4Å o g'v'g'p'k' k'k'g'v'g'ur k'v'g'f k'o k'v't0' c'n o cf c' co c+n' 3/4p'g'mgo g' {3p'vgo k' ±gt±gxgukp'g' n'qrc { " wrc ,rdk'k' f wto " 3/4p'g'mgo g'k' nwnp,m , v,t0' Dw' n'w'co f c'Mqp{c'f c" {c c'cp'3: /46" {c "cten ,pf c' uqu{cn'o gf {c'hwncp,o , "dc ,o nni'dq{w'wpc'wrc cp" 47" \ " mwc ,pf cnk' dktg{rg' f g'k'p'go g'k'p'g' i 3/4Å o g' i g'±g'mg' v'k'ro k'v't0' I 3/4Å o g'grt" O czsf c4246" r tqi tco , {r' n'q'f' r'p'o , "xg'c'p'c'k' "g'f k'o k'v't0'Uqpw+qrceni'n'v,n'o e,rct"uqu{cn'o gf {c'f c' co cp,p'j ,| n' i g+kt k'p'k' uqu{cn'o gf {c'k'g'k'mgtk'f' r'g'u,n'u,n'g'v'nko ko "m'w'f w'mct,p, "uqu{cn'o gf {c'f c'i g'±g'n'k'o r'k'ng'k'p'k' {cpu,w,mct,p, " xg" dc ,o nni' p'g'f' g'p'k' qrceni' n'q'p't'q'nuÅ " uqu{cn' o gf {c' " nwnp,o , " qrf w'wpw' dgrk'wo gmgf k'rgt0'

**Anahtar Kelimeler:** "De ,o nnm'vgnpqmlk'dc ,o nn ,."uqu{cn'o gf {c"dc ,o nn ,." \ "Mwc ,."Mqp{c'0'

#### ABSTRACT

Cf f levkqp'ku'eqpuk'gtgf "cu'c'r'j gpqo gpqp'kp'y j kej "cp'k'p'k'k'f wcn'eqp'v'p'v'g'u'v'q'wug" c'egt'v'clp'uwdu'c'peg." qdl'gev"qt"cev'k'k'v' { "w'p'eq'p't'q'm'c'dn' { "cpf "d'ge'q'o gu'w'p'cd'ng"v'q' u'w't'x'k'g"y k'j q'w"v'j ku'h'ce'v'q't'0'V'j g"t'g'ug'c'tej " eqpuk'gt'u'q'ek'c'n'o gf k'c'f'f'levkqp'cu'c'v'f'r'g'q'h'd'g'j c'x'k'q'w'c'n'c'f'f'levkqp'c'p'f'f'g'c'n'i'y k'j 'k'y k'j k'p'v'j g'ue'q'r'g'q'h' v'g'ej p'q'm'i { "cf f levkqp'0'U'p'eg"u'q'ek'c'n'o gf k'c'ku'c'p'k'p'v'g't'p'g'v'd'c'ug'f "r'v'v'htto ."v'j g'eq'p'eg'r'v'q'h' u'q'ek'c'n'o gf k'c' cf f levkqp'uj q'w'f "p'q'v'd'g'eqpuk'gtgf "k'p'f'g'r'g'p'f'g'p'v'ht'q'o "v'g'ej p'q'm'i { "cf f levkqp'0'K'ku'v'c'v'g'f "v'j c'v'k'p'f'k'k'f'w'c'n'i' y j q'ur'g'p'f'g'z'eg'u'k'x'g'v'o g'q'p' u'q'ek'c'n'o gf k'c'j'c'x'g'f'k'k'k'w'v' { "k'p'hw'it'k'k'p'i "v'j g'k'r'g't'u'q'p'c'n' u'q'ek'c'n'g'f'w'ec'v'k'p'c'n' c'p'f "r'q'h'g'u'k'p'c'n't'g'ur'q'p'uk'k'k'k'g'u'c'p'f "cu'c't'g'u'w'v."v'j g'f "g'z'r'g't'k'p'eg"r'j { u'k'ec'n'r'u'f'ej q'm'i k'ec'n'c'p'f "u'q'ek'c'n' r'q'd'rg'o u'0'

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Vj g"o ckp"r vtr qug"qh"vj g"tgugctej "ku"vq"tgxgen"j qy "vj g"uqekn"o gf kc"vug"qh"kp"xf kxf vcn"lp"vj g"fi kcn" i gpgtcvqp"tgcej gu"vj g"ngxgn"qh"cf f levkqp. "vj g"ecwugu"cpf "eqpugs vqpegu"qh"vj ku"cf f levkqp"vj ku"f kgev"kp." vj g"s wguvqp"uqwi j v"q"dg"cpuy gtgf "lp"vj g"uwf { "ctg<Y j { "ku"uqekn"o gf kc"vugf "vq"vj g"r qkp"qh"cf f levkqp" Y j cv"ctg"vj g"tgcuppu"ht"ur gpf kpi "vo g"qp"uqekn"o gf kc"ht"c"nqpi "vo g"AJ qy "f qgu"vj g"vo g"ur gpv"qp" uqekn"o gf kc"chtgev"vj g"uqekn"rktg"qh"kp"xf kxf vcn"lp"vj g"tgugctej . "r j gpqo gpqmi kcn"lf guki p"y cu"vugf " y kj lp"vj g"htco gy qtn"qh"s wknscvkg"tgugctej "o gy qf u"lp"vj ku"tgugctej . "vj g"gzr gtlqpegu"cpf "r gtegr vqpu" qh"vj g"r ctvlekr cpw"cdqw"uqekn"o gf kc"cf f levkqp"y gtg"fgvto kpgf "d{ "lp"vf gr vj "lpvgtxkgy "vej pls wv"lp"vj g" uwf { . "gcukn" "ceeguikng"ecug"uco r r kpi "y cu"vugf "y kj lp"vj g"htco gy qtn"qh"r vtr qughw"uco r r kpi "o gy qf O" lp"vj ku"eqpvzv. "lp"vf gr vj "lpvgtxkgy u"y gtg"eqpf wv"vj y kj "47"kp"xf kxf vcn"dgvy ggp"vj g"ci gu"qh"3: /46"htkpi " kp" Mqp{c. "y j qug"uqekn"o gf kc"vug"j cu"tgcej gf "vj g"ngxgn"qh"cf f levkqp" lpvgtxkgy u"y gtg"eqf gf "cpf " cpcn"ugf "y kj "O czsf c4246"uqhy ctg"Cu"c"tgwv"vj g"r ctvlekr cpw"ucv"vj cv"vo g"r cuugu"s vknm" "qp" uqekn"o gf kc. "vj g{ "htgs wgpw" "lpvgtcev"y kj "uqekn"o gf kc"eqpvzv"vj g{ "tghgev"vj gk"tgcnlf gpvkv"u"qp"uqekn" o gf kc. "cpf "wpeqvtqmgf "uqekn"o gf kc"vug"ku"vj g"ecwug"qh"cf f levkqp"

**Keywords:** "Cf f levkqp. "vej pqmi { "cf f levkqp. "uqekn"o gf kc"cf f levkqp. "I gpgtcvqp" \ . "Mqp{cO"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DİJİTALLEŞME KURUMLAR AÇISINDAN NASIL KULLANILYOR? KURUMLARA SAĞLADIKLARI AVANTAJLAR ÜZERİNE BİR ARAŞTIRMA HOW IS DIGITALIZATION BEING USED BY ORGANIZATIONS? A RESEARCH ON THE ADVANTAGES THEY PROVIDE TO ORGANIZATIONS

Prof. Dr. Mikail BATU\*

P geo gwkp'Gt dcnep'©pkxgt ukxguk'Uquf cni'xg'Dg gt, 'Dko rgt 'Hcn'Anguk'

QTEK <2222/2224/89; 3/22; :

Yüksek Lisans Öğrencisi Berfin ÇAKIL\*

P geo gwkp'Gt dcnep'©pkxgt ukxguk'Uquf cni'Dko rgt 'Gpuk'Äu'Ä'

QTEK <222; /2222/76; 5/337; "

#### ÖZET

430 {Ä {,rfc" nwtwo rct" ¾ grkmg" {¾pgwo f g" ngpf kpk" {gprgo gni' xg" ±c c" c{cni' w f wto cni' k-kp" f kkcng o g{g'dÄ' Änif g gt'xgto gmgf k0¥c ,p"i gkfk k Ki'gtgmikpk "xg'vgnpqrlkf gni' grk o gpkp"j ,| r" kgrgo guk'hwtwo rct, 'f c'f kkcng o gni' qtwpf c'd,tcno cmcf ,t0Dw'te vto c. 'f kkcni'f ¾pÄ Äo Ä'dÄp{gukpg" gpvgi tg'gf gp"j ,| r"i grk gp'vgnpqrlkf g'c{cni'w f wtp' nwtwo rctc'f kkcni'f ¾pÄ Äo Äp'uc rcf , , 'hcn'net, 'grg" cno cmcf ,t0'Ctc vto cp,p" vgo gr'co ce, "nwtwo rct,p" f kkcng o g{k'pcu,n' nwtwpf , , "xg" f kkcng o gpkp" nwtwo rctc" xg" nwtwo " r gthqto cpu,pc" uc rcf , , " qno nw" gvnikgk' qtc{c" ni' {o cni,t0' Dw' f q twwfc. " ±cn o cf c" {cp,v'te'p'p' uqtwrct<Mwtwo rct'c±,u, pf cp'f kkcng o g'p'gf k'AF kkcng o g{khw'p'p' nwtwo rct" f kkcng o g{g" pgf gp" kj v'c±" f w'o w wA' F kkcng o gpkp" nwtwo " xgto rtk kpg" xg" r gthqto cpu,pc" uc rcf ,met, 'pgrgt k'AMwtwo rct,p' hwtwp , "qrf w f kkcni'vgnpqrlkgrtp' nwtwo rct,p' uÄf Ä'Ärgdk'rk kpg" gvnik' pcu,rf ,tA' Vgnpqrlk' nwtwp,o , " nwtwo rct" c±,u, pf cp" uÄ'gmik k' pcu,n' uc rco cmcf ,tA' qrtcn' u,twp' cmcf ,t0' Ctc vto cf c" pkgn' ctc vto c" {¾p'vgo rgtk' ±gt±gxgukpf g" hppqo gpqrlkni' f gup" nwtwp,m , vtoDw'te vto cf c. 'f kkcni'f ¾pÄ Äo g'qf cmc'p' nwtwo rct,p' k' r'gf kngt'k' r'gpuk rgt'g'xg'f kkcni' f ¾pÄ Äo Äp' nwtwo " {¾pgwo kpg"uc rcf , , "xcpv'netc" k'k nkp" cni , rct" f g'k'p'go gukpg"i ¾Äo g' vgnpk k'kg" vgr k' gf k' k v'k0' ¥cni o cf c" co c±n" ¾p'gmgo g" ±gt±gxgukpf g" ¾Ä'Äv' ¾p'gmgo g" nwtwp,m , vto' Dw' ner uco f c"45/"57" {c "ctcu,"7d'nef ,p"32øw'gtngni'qno cni'Ä' gtg'vqr rco "37"J cmr" rk nkr'g"W' o cp, "kg" f g'k'p'go gukpg"i ¾Äo g'i gt±gm' v'k' k v'k0I ¾Äo o grt'O czsf c4246'r tqi teo , {r' n'qf r'p'o , "xg" c'p'ck' " gf k' k v'k0U'p'w'q'rtcm'f kkcni'f ¾pÄ Äo "uc {gukpf g' nwtwo rct. 'j gf gh'nkrg'p'k'vgnm" km- {g'v'xg'c'gr rgt'k'p' f q tw'cp" f g' g'ng'p'f k'gd'k' gmgf k0' F kkcni' f ¾pÄ Äo ." nwtwo " kg" j gf gh' nkrg" ctcu, pf cnk' gvnik' ko k' ctv,to cmc'xg'j gf gh'nkrg'p'k' uqtwp'rt,pc'f c'j c'muc' uÄ'gf g'±¾Äo rgt'dw' cu,p, 'uc rco cmcf ,t0Dw'f wto . " nwtwo rct,p" gh'ch'ni'c'p'rc { , ,p, "dg'p'ko ugo gukpg'xg'j gf gh'nkrg'f g'i Äxgp'f w'i w'wp'w'p'i grk o gukpg' n'v'nf c' dw'wp'o cmcf ,t0D¾' r'geg. 'j gf gh'nkrg'kg' nwtwo "ctcu, pf cnk'dc ,p'i Ä'ng'p'f k' k'dgr'k' v'ko gmgf k0'

Anahtar Kelimeler: 'F kkcni'F ¾pÄ Äo . 'F kkcni' cu' qp. 'Mwtwo . 'Mwtwo rctc' 'F kkcni'F ¾pÄ Äo 0'

#### ABSTRACT

Kp" vj g"43u"egpwt { . "qti cpk' v'k'p'u' cwcej "i t'ge'v' xcn'g"vq" f ki k'ck'k' v'k'p. "gur gek'm' "kp" qtf gt"vq" t'gpgy " vj go u'rg'u"kp" o c'pci go gp'v' cpf "nggr" w" y' kj "vj g" ci g0'Vj g" tgs v'k'go gp'u' qh' vj g" ci g" cpf "vj g" tcr k' " cf x'p'ego gp'v'kp" v'gej p'qni { "h'qte'g"qti cpk' v'k'p'u'vq" f ki k'ck'k' g0'Vj k'u't'gug'ctej "cf f'g'u'gu'v'j g"eq'p'v'k'd'w'k'p'u' qh'f ki k'cn'v'c'p'uh'qto v'k'p'vq"qti cpk' v'k'p'u'v'j v'k'p'v'gi t'ev'g" f ki k'cn'v'c'p'uh'qto v'k'p'k'p'v'j g't' ut'vew'wg"cpf " nggr" w" y' kj "vj g" tcr k' n' "f g'x'g'nr k'p'i "v'gej p'qni {0'Vj g" o c'k'p' r' w'tr' q'g" qh' vj g" t'gug'ctej "ku"vq" t'g'x'g'cn'j' qy " qti cpk' v'k'p'u'v'g' f ki k'ck'k' v'k'p'cpf "vj g' r' qu'k'x'g'gh'gew'q'h'f ki k'ck'k' v'k'p'qp"qti cpk' v'k'p'u'cpf "eq'rt' q'c'v'g" r' g' th'qto c'p'eg0' Kp" vj ku' f k'ge'v'k'p. " vj g" s'v'g'u'k'p'u' u'q'v' j' v' v'q" dg" c'puy' g't'gf "kp" vj g" u'w'f { "ctg< Y j' c'v' ku'

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f ki kcrk cvkqp"ht"qti cpk cvkquA'Y j {"f q"qti cpk cvkqu"vulpi "f ki kcrk cvkqp"pggf "f ki kcrk cvkqpA'Y j cv' ctg"vj g"dpgghku"qh" f ki kcrk cvkqp"qp"eqtr qtcvg"r tqf wexkxv" cpf " r gthqto cpegA'Y j cv'ku"vj g"ko r cev"qh" f ki kcrk\vej pqmji lgu"wugf "d{"qti cpk cvkqu"qp"vj g"uwucpkcdkxv"qh"qti cpk cvkquA'J qy "f qgu"vj g"wug"qh" vej pqmji {"gpumt"eqpvkpwv"ht"qti cpk cvkquA'K"vj g"tgugctej ".rj gpqo gpqmji kecn'f guki p"y cu"wugf " y kj kp"vj g"htco gy qtni'qh's wcrkcvkxg"tgugctej "o gvj qf u'K"vj ku"uwf {"r gtegr vku'cdqmw"vj g"r tkpek rgu" hqmqy gf " d{" qti cpk cvkqu" hqewulpi " qp" f ki kcrk' vtcpuhqto cvkqp" cpf " vj g" cf xcpwi gu" qh" f ki kcrk' vtcpuhqto cvkqp"ht"vj g"o cpci go gpv'qh'vj g"qti cpk cvkqp"y gtg"fgvto kpgf "vj tqwi j "kp/f gr vj "kpvgtxky u' Etkgtkqp"uco r rki "y cu"wugf "kp"vj g"uwf {"y kj kp"vj g"htco gy qtni'qh'r wtr qughw'uco r rki O'K"vj ku'eqpvz.v" kp/f gr vj "kpvgtxky u'y gtg"eqpf wexv"y kj "c"vqcn'qh'37"RT"r tqhguakpcnu'dgwy ggp"vj g"ci gu'qh'45"cpf "57." 7"qh'y j qo "y gtg'hgo crg"cpf "32"qh'y j qo "y gtg'o crg0Vj g'kpvgtxky u'y gtg"eqf gf "cpf "cpcn| gf "y kj "vj g" O czsf4246"r tqi tco 0C'u'c'tgumw"vj cpmi'vq" f ki kcrk'vtcpuhqto cvkqp."qti cpk cvkqu"ecp" f ktgevn' gxcnvcg" vj g"tgs wguu" eqo r rkpwa" cpf "f go cpf u"qh" vj g"vcti gv' cvf kgepeg0 F ki kcrk' vtcpuhqto cvkqp" kpetgcugu" vj g" kpvgtcvkqp" dgwy ggp" vj g"qti cpk cvkqp" cpf " vj g"vcti gv' cvf kgepeg" cpf " gpcdrgu" vj g"vcti gv' cvf kgepeg" vq" hkp" uqmwkqu" vq" vj gk" r tqdrgo u'kp" c" vj qtvt" vko g0Vj ku'ukwcvkqp" eqpvkdwgu" vq" vj g"cf qr vku'qh' vtcpur ctgpe {" d{" qti cpk cvkqu" cpf " vj g" f gxgnr o gpv'qh'c' ugpu'qh'v wv'kp" vj g"vcti gv' cvf kgepeg0Vj wu' k'ku'ucv'gf " vj cv'vj g" dqp" dgwy ggp" vj g"vcti gv' cvf kgepeg" cpf " vj g"qti cpk cvkqp" ku'v'gpi vj gpgf 0'

**Keywords:** F ki kcrk' vtcpuhqto cvkqp. F ki kcrk' cvkqp. K'pukwv'kqp. F ki kcrk' vtcpuhqto cvkqp' kp' K'pukwv'kqu0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### KAZIKLI TEMELLERDE DOLGU KALINLIĞININ SONLU ELEMENLAR YÖNTEMİYLE DEĞERLENDİRİLMESİ EVALUATION OF GRANULAR FILL THICKNESS FOR PILE FOUNDATIONS BY FINITE ELEMENT METHOD

*Bahadır OK<sup>1</sup>*

<sup>3</sup>*F q±0Ft0"Cf cpc "Crr ct urcp "VĀtng "Drko "xg"Vgmpqrqk"©pkxgt ukvguk "OĀj gpf kurknHcnĀnguk" p ccv' OĀj gpf kurk kD'4Āo Ā "Cf cpc. "VĀt nkġ gO'*

<sup>3</sup>*QTEK "K" <j wr uAlqt ekġ Qti D222/2223/: 555/7893"*

*Talha SARICI<sup>2</sup>*

<sup>4</sup>*Ft0" t0©{guk" p³pĀ"©pkxgt ukvguk "OĀj gpf kurknHcnĀnguk" p ccv'OĀj gpf kurk kD'4Āo Ā "O crv{c." VĀt nkġ gO'*

<sup>4</sup>*QTEK "K" <j wr uAlqt ekġ Qti D22262223/: 6: : 67: 73"*

*Mustafa ÖZCAN<sup>3</sup>*

<sup>5</sup>*Ct OI 3/40" p³pĀ"©pkxgt ukvguk "OĀj gpf kurknHcnĀnguk" p ccv'OĀj gpf kurk kD'4Āo Ā "O crv{c. "VĀt nkġ gO'*

<sup>5</sup>*QTEK "K" <j wr uAlqt ekġ Qti D22262223/79676: 8; 6"*

#### ÖZET

[ cr ,nc" { Āngtġpk'vgo gngtk'ctce,n , {nc'lp c"gf kf kmgtk' go kprgt"Āj gtpg"cmct,tct0Vgtelġ "gf krgp"vgo grġ ukvgo k'kg" dw { Āngt" | go kġp" hctm" f gtpkrmgtk'p'g" krgvkdktktgt0 [ cr , "vgo grġkġp" qwtf w w' | go kġp { cr ,f cp' i grp" { Āngtg'net , "vgvtuk' qrf w wf wtvo rctf c. | go kġp"Āj gtpg" f qri w' | cr , rcdktk' { c' f c'nc' , mct" f c j c' f gtp' vcdncrctc' cmct , rcdktk' ODwpwprc' dgtcdgt uĀvĀpo g'nc' , mct , | go kġp' g'vngkrg ko rgtk'ugdgdġ rġ" { cr , { Āngtġpk' hgp' k'Āj gtrgtk'p'g' c'netni'v , o c'ncr cukgukp'ktw,tedktk'0 c { ,h'dkt' | go kġp"Āj gtpf g' i tcpĀngt" f qri w' xg" vgo grġcn ,nc' , n'ko crv,p , "f c j c' f gvc { n "ktf grġ { gdko gm'Āj g' rkgtecvĀf g' nuj gġ { qpnw' | go kġp" Āj gtpf g" i gt±gmg vktkrgp" r rnc" { Āngog" f gpg { rgtk' uqpnw" grgo cprct" krg" ±cn cp" dk' r engv' r tqi tco , " Āj gtpf g" o qf gngpo k vkt'0Grf g' gf krgp" uqpwġct "kg" rkgtecvĀt "±cn o cu,pf c" uqpwġct "net , r v,t,m , vt" xg" 3/4pgo rk' 3/4Āf g' wġ wo "grf g" gf kn k vkt'0 qf gngog" uqpwġct , "krg" f gpg { "uqpwġct , "ctcu,pf c" f q twrco c" { cr ,rf ,mcp" uqpte. "hctm ,nc' , n'ldq { rct. " f qri w' nēpn ,mct , "xg" f qri w' | go kprgtk' krg" r cteo gvkni'±cn o crct" i gt±gmg vktkro k vkt'0 [ cr ,rp" uc { ,ucn' cpcik' " ±,nv,rct , " krg" | go kġp" g'vngkrg ko rgtk' xg" i 3/4o g" { Āngtġk' i 3/4ugmg vktkrg { qtwo nēpo , v,t'0Y cn o c'ncr uco , pf c" grf g" gf krgp" uqpwġct" f g gtrgp' k'kf k k'p'f g. "ucdk' vgo grġ i gpk rk k' xg" f qri w' nēpn , pf c" nc' , n'ldq { w' ctv , " krg" i 3/4o g" { ĀnĀpf g" ctv , rct" grf g" gf kf k k' i 3/4Āo Ā vĀt0C { p , " gnkf g. "ucdk'nc' | n'ldq { w' xg" vgo grġ i gpk rk k'p'f qri w' nēpn , p,p' f c' i 3/4o g" { ĀnĀpĀ" ctw,tf , , " dwġpo w wt'0 Dwpwprct" dgtcdgt" mġrp ,rp" uqpnw" grgo cprct" { c | ,no ,p,p" r rnc" { Āngog" f gpg { rgtk'p'f q tw'dk' dk'ko f g' { cpu,cdkf k k'f g' i 3/4Āo Ā vĀt0Y cn o c'ncr uco , pf c. " f qri w'nc' , m' vgo grġ xg" f qri w'nc' , m' | go kġp' g'vngkrg ko kġp' kt'f grgo guk'krg' grf g' gf krgp" uqpwġct , p' rkgtecvĀt "±cn o crct , "xg" uc j c" wġ i wrco crct , pf c' hktk' xgtgeg k'qrec , "f Ā ĀpĀo gmvg kt0"

**Anahtar Kelimeler:** \ go kġp' k' krg vkt' o g. 'nc' , m' vgo gn' i gqvgmpkn'io Āj gpf kurk k' i tcpĀngt' f qri w'0

"

#### ABSTRACT

Utvewwtgu' tēpuhgt' vj gk' hqcf u' vq' vj g' uqku' qp' y j kēj ' vj g' { ctg' dwkn' vj tqwi j ' vj gk' hqwpf cvkqp'0Vj gug' hqcf u' ecp' dg' tēpuhgtt' gf "vq" f k' hgtgp' f gr vj u' qh' vj g' uqk' y k' vj g' r' tēhgtt' gf " hqwpf cvkqp' u' vgo 0' k' ecugu' y j gtg' hqwpf cvkqp' u' qk' i' l' pcf gs vevg' vq' y k'j ucpf ' vj g' hqcf u' htqo ' vj g' utvewwtg. ' vj g' uqk' i' ecp' dg' h' k' ngf "qt' vj g' r' krgu' ecp' tēpuhgt' vq' f ggr gt' rē { gtu' Hwt vj gto qtg. " h' k' v' qp' r' krgu' ecp' k' petgcug' vj g' dgctk' pi " ecr cek' { " d { " vcnk' pi " vj g' utvewwtg' hqcf u' qp' vj go ugrku' f wg' vq' vj gk' k' p' vgtcev' qp' y k' vj g' uqk' i' k' q' t' f gt' vq' g' zco k' pg' vj g' i' tcpwrt' h' kn'

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cpf "r kg'kpucmckqp"qp"cy gen'uqkikp"o qtg'f gvckn"vj g'r rvy'mqcf kpi "gZR gtko gpv'r gthqto gf "qp"eqj gukg" uqki'kp"vj g'rkgtcwtg"y gtg"o qf grgf "qp"cy "hpkkg"grgo gpv'r cenci g'r tqi tco 0'Vj g'tguwmu'qdvckpgf "y gtg" eqo r ctgf "y kj " yj g" tguwmu" kp" yj g'rkgtcwtg"uwf { "cpf "uki pkkcpv" ci tgggo gpv'y cu" qdvckpgf 0' Chgt" xgtkkccvqp"dgw ggp"vj g"o qf grkpi "tguwmu"cpf "vj g'gZR gtko gpv'n'tguwmu"r ctco gvle'uwf lgu'y gtg"ecttkgf " qw'y kj "f hgtgpv'r kg"ngpi vj u."hkn'vj kempguugu"cpf "hkn'uqkn0'Y kj "vj g'pwo gtlecn'cpcn' uku'qwr wu."uqki' kpvgtcevku'cpf 'hknwtg'hqcf u'y gtg'xkuwcn' gf "cpf 'kpvtr tgvf 0'Y j gp'vj g'tguwmu'qdvckpgf 'y kj kp'vj g'ueqr g" qh'vj g'uwf { "ctg"gvxncvdf . 'k'ku'uggp"vj cv'kpetgcugu'kp"vj g'eqmcr ug'mqcf "ctg"qdvckpgf "y kj "cp"kpetgcug"kp" r kg"ngpi vj "cv'eqpucpv'hqwpf cvkqp"y kf vj "cpf "hkn'vj kempgu0'Uko krcn' . "k'y cu'cuq"hqwpf "vj cv'vj g'hkn' vj kempgu'cv'eqpucpv'r kg"ngpi vj "cpf 'hqwpf cvkqp"y kf vj "kpetgcugf "vj g'hknwtg'hqcf 0'k'cf f kkkp. 'k'y cu'cuq" qduetxgf " vj cv' vj g' hpkkg" grgo gpv' uqhy ctg" wugf " y cu' cdig" vq" ceewtcvgn' " tghge'v' vj g' r rvy" mcf kpi " gZR gtko gpv'0'Y kj kp'vj g'ueqr g"qh'vj g'uwf { . 'k'ku'vj qwi j v'vj cv'vj g'tguwmu'qdvckpgf "d{ "gzco kpkpi "vj g'hkn" r kg" hqwpf cvkqp" cpf " hkn/r kg/uqki' kpvgtcevku" y kn' r tqxkf g" kuki j v' kp" rkgtcwtg" uwf lgu' cpf " hgrf " cr r rkecvkpu'

**Keywords:** "Uqki'ko r tqxgo gpv.'r kg'hqwpf cvkqp.'i gqvej plecn'gpi kpggtkpi . 'i tepwrt'hkn0'

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#### MEVCUT YAPILAR İÇİN JET GROUT UYGULAMA AÇISI KAZIK ETKİLEŞİMLERİNİN DEĞERLENDİRİLMESİ

#### ASSESSMENT OF THE BEHAVIOR OF INCLINED AND/OR VERTICAL JET GROUT PILES CONSTRUCTED IN THE FOUNDATION SOIL OF AN EXISTING STRUCTURE

Talha SARICI<sup>1</sup>

<sup>3</sup>Ft0 t0@{guk" p³pÃ'©pkxgt ukxguk'O Āj gpf kurknHcnĀnguk " p ccv'O Āj gpf kurk kD'āĀo Ā 'O crv{c." VĀtnk{gO'

<sup>3</sup>QTEK "K < j wr uAlqt ekf Qti I222262223/: 6: : 67: 73"

Bahadır OK<sup>2</sup>"

<sup>4</sup>Fq±0Ft0"Cf cpc'Cr c t urc p'VĀtnġ 'Dkko 'xg'Vgmpqrqlk'©pkxgt ukxguk'O Āj gpf kurknHcnĀnguk " p ccv' O Āj gpf kurk kD'āĀo Ā 'Cf cpc. 'VĀtnk{gO'

<sup>4</sup>QTEK "K < j wr uAlqt ekf Qti I2222/2223/: 555/7893"

Mustafa ÖZCAN<sup>3</sup>"

<sup>5</sup>Ct OI ¾40" p³pÃ'©pkxgt ukxguk'O Āj gpf kurknHcnĀnguk " p ccv'O Āj gpf kurk kD'āĀo Ā 'O crv{c. 'VĀtnk{gO'

<sup>5</sup>QTEK "K < j wr uAlqt ekf Qti I222262223/79676: 8; 6"

#### ÖZET

Igv'i tqw' nımpırcı, "kg" | go kp" k{kg vto g" ucj c" w{ i wco crıct, pf c" { c{ i , p" qırcıcnı' nıwırcı, nı cmcf, t0'Dw' nımpırcı" uc { gukpf g" i gıvınpknı' c±, f cp" gıxgtk uk" | go kprıtkp" o Āj gpf kurknı' ¾4 grıknıgtk' k{kg vtkıgdıko gımgf k0' D¾4 rıkrıng" c , t, " qwto c. " { gıvtuk" vc , o c" i ĀeĀ" u, x, ırc o c" r qvcıpk{ gımgk' xD0' r tıqrıgo rıgtg" nıct , " ±¾4 Āo " uc rıpcıdkıo gımgf k0' Cıpcıcnı" { cr , o , " wco co rıcpo , " dıkcırcı, p" vgo gıngıtkpı" qıwtıf w w' | go kprıtk' k{kg vto gıf g" nıwırcı, rıcdıkrıgeıcnı' ±¾4 Āo rıgt" u, p, rırcıpo cmcf, t0' O gıxew" { cr , rıct, p" | go kprıtkpı" k{kg vtkıo gukpf g" { cr , " vgo gıkrıpg" gıtk ko kp" u, p, tı" qırcı cu, " pıgf gıpkı{ rıgt" ucj c" w{ i wco crıct, pf c" dıkcırcı" ±gıxt gukpg' lıgvı tqw' ko crıv, " { cr , rıcdıko gımgf k0' Dıwıko crıvı cıo cu, pf c' hımpırcı" | go kpg' f knıxg { c' dıgrıkrı' dıkt" c±, " kg" kp c" gıf ko gımgf k0' Cıpcıcnı' g ko rıgt" { cr , rıcp" lıgvı i tqw' ko crıv, " j cımpıf c" { gıvıtrı" ±cnı o c" dıwırcıpo co cmcf, t0'Dw' dc rıco f c. " dıw' ±cnı o c" nırcı uco , pıf c" ¾4 pıgnı' dıkt" { cr , " vgo gırk' ±gıxt gukpg" f knı' xg" 52" f gıgeıkrıncı±, rırcı' ko cıı' gıf ko k " lıgvı tqw' nımpırcı, " uıpnıw' gıgo cıprıct" " { ¾4 pıvgo k' lıkrıg' ±cnı , cp' dıkt' rıcnıvı' rı tıqı teo " Āj gıtkıf gıp" o qıf gıngıpo k vıtk0' Mıcl , nıct" | go kpg' f knı" | go kpg' 52" f gıgeıkrıncı±, rırcı' xg" jı go " f knı' jı go " f g" gı knı' qırcı cıı' Āj gıtg" Āe" hıctıcnı " ¾4 ĀıpvĀ" kg" { gıtrıg vıtkıo k vıtk0' C { t, ec" nıcl , nıct, p" hıctıcnı" nıcl , nıct" cıtcı, " o gıchıg" f gı gıtrıgtı kpf g" { gıtrıg ko rıgtk' kg" nıcl , nıct" cıtcı, " gıvıkrıg ko " o kıncırcı, " f gı gıtrıgpıf kıkrıo k vıtk0' VĀo " ¾4 ĀıpvĀngı" kıcp" i ¾4o gı" { Āngıtk' xg" dıgrıkrı' dıkt" { Āngı' nıct , " f gırcı uco cp" f gı gıtrıgtı kıjı gırcı rıcpo , vıtk0' Cıprıklı " uıpwırcı, pıf cp" gırf g" gıf kıgp" ±, nıvı, rıct" kg" vgo gırcıvı, pıf c" xg" nıcl , nı' ±gıxt gukpf g" qıwı cp" i gıtkıo gıngı" { qıtwo rıcpo , " xg" dıw' ±cnı o cıf c" uıpwırcı wı wıtk0' ırcıcnı o cı" nırcı uco , pıf c" gırf g" gıf kıgp" uıpwırcı" f gı gıtrıgpıf kıkrıf kı kıpf gı. " dĀıvĀı" { gıtrıg ko " ¾4 ĀıpvĀngıtkıf gı" 40' F " o gıchıgırk" { gıtrıg ko f gı" gp" { Āıngıcnı' i ¾4o gı" { ĀnĀ' xg" gp" f Āı Āınlı' qıwıto cı" f gı gıtrıgtı' gırf gı" gıf ko k vıtk0' Cıpcıcnı' f gı kıgp" nıcl , nı' { gıtrıg ko " o gıchıgıngıtkıpgı" dc nı" qırcıcnı' nıcl , nı' uc { , uıpf cınk' cı' cırcıct" f cı" gımpıqıo kınlıc { f cırcı' uc rırcı { cıdkıo gımgf k0' Gınlı' qırcıcnı' hıctıcnı " ¾4 ĀıpvĀngıtkı' hıctıcnı" { gıtrıg ko " o gıchıgıngıtkıf gı' i ¾4o gı" { ĀnĀ' hıcl , rırcı, " f cı' f gı kıngı' qırcı cmcf , t0'Dw' ±cnı o cı" nırcı uco , pıf cı" gırf gı' gıf kıgpı' uıpwırcı, pı' i gıgeıgnı' kıgıtcıvĀı' ±cnı o cırcı, " xgı' ucj cı" wı i wco crıct, pıf cı" { qınlı' ¾4ıngıtkı' kıqırcı , " f Āı ĀıpvĀıo gımgf k0"

Anahtar Kelimeler: \ go kp" k{kg vto g. lıgvı tqw. " i gıvınpknıo Āj gıf kurk k" gı kınlıcl , n0' "

#### ABSTRACT

Uqıkrıo rı tıqıxgo gıpvı kıj " lıgvı tqwı' eqıno pı' kı' yı kıf gınlı " wıgf " kp" hıgıf " crı rırcı' kıqıpu0' Vıj gı' gıpi kıpgıtkıpi " rı tıqrı gıtkıgu" qınlı' gıqıgeıj pıecıcnı' " wıphıxıqıtcıdrıg " uıknı' ecp" dg" ko rı tıqıxgf " yı kıj " lıgvı i tqwı' eqıno pı' u0' Vıj wı. " uıqıwı' kıqıpu' ecp" dg"

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r tqxkf gf 'ci ckpu'r tqdngo u'uwej 'cu'j ki j 'ugwngo gpv'kpcf gs wcvg'dgctkpi 'ecr cekv' . 'hs wghcevkqp'r qvqpvkcu " gve0J qy gxgt. 'vj g'uqmwkqpu'vj cv'ecp'dg'wugf 'vq'ko r tqxgo gpv'qh'vj g'uqku'qp'y j lej 'vj g'hqwpf cvkqpu'qh'gzkukpi " dwkf kpi u'tguv'ctg'iko kgf 0'K'vj g'ko r tqxgo gpv'qh'vj g'uqku'qh'gzkukpi " dwkf kpi u'lgv'i tqwkp "ecp'dg" r gthqto gf "ctqwpf 'vj g'dwkf kpi 'kp'hgfr 'cr r necvkqpu'f vg'vq'vj g'iko kgf 'ceeguu'vq'vj g'dwkf kpi 'hqwpf cvkqpu' K'vj ku'eqpumwevkqp'r j cug. 'vj g'eqnwo pu'ctg'eqpumwevgf 'r gtr gpf lewct 'vq'vj g'i tqwpf 'qt'cv'c'egtckp'cpi ng'0 J qy gxgt. 'vj g'g'ctg'pqv'gpqwi j "uwwf kgu'qp'lgv'i tqwkp "cv'cp'cpi ng'0'K'vj ku'eqpvz.v'y kj kp'vj g'ueqr g'qh" vj ku'uwf { . 'lgv'i tqw'eqnwo pu'o cpwcewtgf "ctqwpf 'c'uco r ng'dwkf kpi 'hqwpf cvkqpu'y kj 'r gtr gpf lewct'cpf " 52/f gi tgg'cpi ngu'y g'g'o qf g'ngf "vukpi "c'r cenci g'r tqi tco "vj cv'y qtm'y kj "vj g'hkpsg'grgo gpv'o gy qf 0' Vj g'r kgu'y g'g'r megf 'kp'vj tgg'f khtgpv'r cvgtpu'r gtr gpf lewct'vq'vj g'i tqwpf . 'cv'cp'cpi ng'qh'52'f gi tgg'u" vq'vj g'i tqwpf "cpf "dqy "r gtr gpf lewct'cpf "cpi ng' 0'K'cf f kkp. "vj g'co qwpv'qh'kpwgcevkqp'dgy ggp'vj g" r kgu'y cu'gxcnvcgf "d{ "r mekpi "vj g'r kgu'cv'f khtgpv'kpwg/r k'f kucpegu'0'K'cm'r cvgtpu. 'hckntg'mcf u" cpf "f kur mego gpv'xcnvgu'ci ckpu'c"i kxgp"mcf "y g'g'ecr wcv'v'0'Y kj "vj g'qwr wu'qdvckpgf "htqo "vj g" cpcn' uku'tguwmu "vj g'utguugu'wpf gt "vj g'hqwpf cvkqpu'cpf "ctqwpf "vj g'r kgu'y g'g'kpwgtr tgv'f "cpf "r t gugpv'f " kp'vj ku'uwf { 0'Y j gp'vj g'tguwmu'qdvckpgf "y kj kp'vj g'ueqr g'qh'vj g'uwf { "ctg'gxcnvcgf . 'vj g'j ki j guv'hckntg" mcf "cpf "vj g'my guv'ugwngo gpv'xcnvgu'y g'g'qdvckpgf "cv'vj g'40'F"ur cekpi "kp'cm'kpuvcnvcqpu'r cvgtpu'0 J qy gxgt. "f getgcugu'kp'vj g'pwo dgt'qh'r kgu'f vg'vq"xct { kpi "r k'g'r mego gpv'f kucpegu'ecp'cnuq"r tqxkf g" geqpqo le"dgpgku'0'K'cf f kkp. "f vg'vq'vj g'f khtgpv'r k'g'ur cekpi u'kp'f khtgpv'r cvgtpu "vj g'hckntg'mcf " mqugu'ctg'cnuq"xctkgf 0'K'ku'vj qwi j v'vj cv'vj g'tguwmu'qdvckpgf "kp'vj ku'uwf { "y km'i vkf g'hwwt'g'ngt'cwtg" uwf kgu'cpf 'hgfr 'cr r necvkqpu'0'"

**Keywords:** "Uqki'ko r tqxgo gpv. 'lgv'i tqwkp . 'i gqvej plecn'gpi kpggtkpi . 'kperkpgf 'r k'g'0"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MHD CASSON AND WILLIAMSON NANOFUIDS FLOW OVER AN EXPONENTIALLY STRETCHING SURFACE

"

G. V. Ramana Reddy<sup>1</sup>, M. Radha Madhavi<sup>1</sup>

<sup>3</sup>Fracture growth in the presence of a magnetic field: A study of the effect of the magnetic field on the fracture growth rate in a Casson fluid. *Int. J. Eng. Sci.* 74:4724-4734 (2016)

#### ABSTRACT

The present study is concerned with the flow of a Casson fluid over an exponentially stretching surface in the presence of a magnetic field. The velocity profiles are obtained numerically using the Runge-Kutta method. The effect of the magnetic field on the velocity profiles is studied. It is observed that the velocity profiles decrease as the magnetic field strength increases. The effect of the magnetic field on the skin friction coefficient is also studied. It is observed that the skin friction coefficient decreases as the magnetic field strength increases. The effect of the magnetic field on the temperature profiles is also studied. It is observed that the temperature profiles decrease as the magnetic field strength increases.

**Keywords:** Casson fluid, Williamson fluid, magnetic field, exponentially stretching surface, Runge-Kutta method, skin friction coefficient, temperature profiles.

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III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH  
CONFERENCE

STRUCTURE AND MORPHOLOGY OF FRUITING BODIES IN MYXOMYCETES  
(MYXOGASTREA) III: CALYCVLUS  
MİKSOİMİSETLERDE (MYXOGASTREA) FRUKTİFİKASYON YAPISI VE MORFOLOJİSİ  
III: KALİKULUS

Hayri BABA<sup>1</sup>

<sup>3</sup>"Rt qlgu<sup>3</sup>/4 "F grctwo gpv'qhlDkqrqi {.'Hcewnf "qhl'Uekgpeg'cpf "Ctva."J cw{ "Omwac'k "Mgo cri'Wpkxgtuksf." J cw{.'VÄtnkf g0"

<sup>3</sup>QTEK "K <j wru<1qtekf Qiti I222/2224/3: 59/6543"

Mustafa SEVİNDİK<sup>2</sup>"

<sup>4</sup>"F q±gpv.'F grctwo gpv'qhlDkqrqi {.'Hcewnf "qhl'Gpi kpggt kpi 'c'pf "Pcwtcn'Uekgpegu."Quo cpl'g'Mqtmw'Çx0" <sup>4</sup>QTEK "K <j wru<1qtekf Qiti I222/2223/9445/4442"

"

ÖZET

Mcrknwuu."ur qtcepi kwo wp"cdcp,pcf c"dk"ner "qmw wtcp."mne,"r gtf kwo c"f gpk0Rgtkf kwo ."ur qt"mÄngukp" ±gxtgng{gp"dk"¼vÄf Ät0'Qri wp"dk"htwmkknue{qpf c"dgri k p"qndkkt"xg{c"qm c{cdkkt0'Dc|,"vÄrtgfg" r gtf kwo ."ur qt"mÄngukp"cdcp,p,'wcp'her 'dgp| gtdkt"cr , "qncp'dk'herknÄnqrcncmhne,f,t0McrknÄnÄp" xctn , "xg{c"qmw w"htwmkknue{qpw"±,m c" gmk'ng'dkknmg'cp,ucn'dk"¼ gnkn'qrcncm'mwncp,ndkkt0' Rgtkf kwo ."¼pegf gp'qmw wtwn w "dk'ner cniqrcncm'xg{c'f Ä gpk "dk'f gupf g."c{t,m c"±k i kgtk'dq{ wpec" c±,ndkkt0'Vtlej krgu'cmo ,pcf c"Cte{tkc"xg"Etktctk"ekpungtpf gnk'±q w'vÄrtg'dk"mcrknÄnÄug"ucj kr vt0' Mcr vnkf gtlpkn'xg"Ä g{ "k ctgvtgk'vÄ"cp,o rct,pcf c'mwncp,m cmcf ,t0'

Anahtar Kelimeler: "O knqo kgv.'Hwmkknue{qp.'Mcrknwuu"

ABSTRACT

Ecnf ewnu'ku'c'ewr . 'tghgttkpi "v'vj g'r gtukngpv'r gtf kwo "hqto kpi "c'ewr "cv'vj g'dcug"qh'c'ur qtcepi kwo 0Vj g" r gtf kwo "ku'c'eqxgtkpi "gpenukpi "vj g'ur qtg'o cuu0K'b c{ "qt"o c{ "pqv'dg'gxf gpvl'c'bo cwtg'htwkkpi "dqf {0' K'uqo g'ur geku'vj g'r gtf kwo "r gtuknu'cu'c'ecnf ewnu "c'ewr /rkn'wtwewt'g' qif kpi "vj g'dqwqo "qh'vj g'ur qtg" o cuu0Vj g'r tgugpeg"qt"cdugpeg"qh'vj g'ecnf ewnu"o c{ "dg"wgf "cu"c'f kci pqukle"hgewt"crppi "y kj "vj g" o cppgt"kp'y j lej "vj g'htwkkpi "dqf { "qr gpu0Vj g'r gtf kwo "o c{ "ur rk'qr gp"crppi "kpgu'qh'f gj kuegpeg."cu'c" r tg/hqto gf "hf . "qt'kp'cp'ktgi wrct'rcwgtp00 qu'ur geku'qh'Vtlej krgu "kp'vj g'i gpgtc"Cte{tkc'cpf "Etktctk" j cxg'c'ecnf ewnu0Vj g'f gr vj "cpf "wtwceg'bo ctnkpi u'qp'vj g'ewr "ecp'dg'hqwpf "kp'ur geku'f guetk vkpu0"

Keywords: "O {zqo {egvu "Hwkkpi "dqf lgu.'Ecnf ewnu"

"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE GENUS ENERTHENEMA BOWMAN (MYXOMYCETES) IN TÜRKİYE TÜRKİYE'DEKİ ENERTHENEMA BOWMAN (MYXOMYCET) CİNSİ

Hayri BABA<sup>1</sup>

<sup>3</sup>"Rt qhgu/4 "F gr ctwo gpv'qhlDkqrqi {."Hcewnf "qhlUekpeg'c'pf "Ctva."J cv{ "Owanc: "Mgo cn'Wpkxgt ukf}."  
J cv{."V©TM [ G0

<sup>3</sup>QTEK "K" <j wru<llqtef Qti I222/2224/3: 59/6543"

Mustafa SEVİNDİK<sup>2</sup>"

<sup>4</sup>"F q±gpv."F gr ctwo gpv'qhlDkqrqi {."Hcewnf "qhlGpi kpggt kpi 'c'pf "Pcwt cn'Uekpegu."Quo cpkfg'Mqt mw'Cvc0"  
<sup>4</sup>QTEK "K" <j wru<llqtef Qti I222/2223/9445/4442"

"

#### ÖZET

O {zqo {egvu}p" 5" cn" u,p,h" xctf,t<" Egtcvkqo {zqo {egvf cg." O {zqi cutqo {egvf cg" xg" Ugo qpkqo {egvf cg0 O {zqo {egvu" cn;" vcmqppqo kni vmo c" c{t,m , vt0' Dwprt" Egtcvkqo {zcrgu" Gej kpuvgrkrngu" Nlegcngu" Rj {utcrngu" Vtlej krngu" xg" Ugo qpkcrngu}kt0' Dw ±cn o cf c." Gpgtvj gpgoc" ekupkp'i gpgi%4 gnikmgtk'xwti wrpo , vt0'U'rtqvgnep,p'vgr gukg"wr cp."cr gmv"i gpk rg{ gp'xg"±cr ,"2.4" o o }g"mf ct"qrp"dk"f kmi'qmw wtcp"nupkni'vdcpn"ukp k kmi'nqno gmc0'F kung"dc n"mrecn"f Å "xg{c" gupgn'xg"qtvc"f gtgeg f" f cmcpo , ±cr knen'f kmi'dc| gp" {qmw0'Mej xgtgpi k'o cj o w . "nãgugn'ur qt."i tk/ mej xgtgpi k'j chh'uk krik'xg{ c'f kngpuk k0

Anahtar kelimeler:"O kniqo kvg."Gpgtvj gpgoc ."VÄtnkfg0

"

#### ABSTRACT

O {zqo {egvu" jcu" iqv" 5" Uwdercu" Egtcvkqo {zqo {egvf cg." O {zqi cutqo {egvf cg" cpf" Ugo qpkqo {egvf cg0 O {zqo {egvu" jcxg" dggp" i tqw gf "kpv" ukz" vczppqo ke" qtf gtu0' Vj gug" ctg" vj g" Egtcvkqo {zcrngu."Gej kpuvgrkrngu."Nlegcngu."Rj {utcrngu."Vtlej krngu."cpf "Ugo qpkcrngu0'k'vj ku'uwf { ."vj g" i gpgtcnej ctcevtknku'qhl'vj g'Gpgtvj gpgoc c'i gpwu'y gtg'go r j cuk gf OE {rkpf tlecn'eqno gmc'y kj "c'eqplecn' dcug."tgeej kpi "vj g"vr "qh'vj g"ur qtqvgec."gzc'pf kpi "cv'vj g"cr gz"cpf "hqto kpi "c'f kue"wr "vq"20"o o "kp" f lco gvt0'Ecr knrt { "cwcej gf "vq"vj g" f kae."wtcki j v'qt"hgzwqwu"cpf "o qf gtcvgn{ "dtepej gf ±cr kccn'f kae" qeecukqpcmf "cdugpv0'Dtqy p'ur wt."i mqdug"ur qtg."i tg{kuj "dtqy p."urki j vq' y ctv{ "qt'ur kpwqw0

Keywords<O {zqo {egvu."Gpgtvj gpgoc ."VÄtnkfg0

"

İŞLETMELERDE STRATEJİK YÖNETİM FARKINDALIĞI: OSMANIYE İLİ ÖRNEĞİ

Abdurrahman AKMAN<sup>1</sup>

<sup>3</sup>Ft0' t0©{guk "Quo cpkğ "Mqtmw'Çv '©pkxgt ukvguk "Quo cpkğ g'O gurgn!l Āmugnqmww."l 3/pgvko "xg" Qti cp/kcuq qp. "Quo cpkğ g. "VĀtnkğ g0"

<sup>3</sup>QTEK "K <j wr u<lqt ekf Qti l222/2222/2222/2222"

ÖZET

ngvo grgt"vctch,pf cp"Ātgvkrgp"o cni'xg"j k o gvgtkp"Āmg"gnupqo krgtk'kēp"j c {cvk'dk"tqnĀ"xctf,t0' ±kpf g" {c cf, ,o ,| "vqr nvo wp" kj v{k c±ct,p,p" net ,npo cu, "xg" Āmg" {c co "ucpf ctf ,p,p" ctw,rt,ncdko guk' kēp" k ngvo grgtkp" f gxco nñ , " ctw,t0' Dw' f gxco nñ ,p" i gt±mgm vtkno guk' kēp" k ngvo grgt" ±gxtgukpf gnik' f g k lo rgtk'vncr "gf gdkro grk'xg"mĀgugntgnēdgwg"j c {cwc'nēncdko grkf k0'Ucf geg"j ,| n'f g k gp"±gxtgugn' nq wnt" cn,pf c" j c {cwc' nēncdkrgp" k ngvo grgt" o {c co ,p" f gxco " gvtkno gukō." õuĀf ĀĀngdkrt" tgnēdgw' ĀuĀpnĀ Ā" grf g" gf kro gukō" xg" õqtvcrc o c" ĀĀ gtkpf g" i gvtk' uc npo cu,õ" i kdk' gnupqo kni' co c±ct,p," i gt±mgm vto g" htucv," {cnēnc {cdkrgegmkt0' Dw' co c±ct,p" i gt±mgm vtkrgdko guk' k ngvo grgtkp" õĀtgvko " nē {pcmet,p," \*f q cni'nē {pcmet. "kpucp"nē {pcmet., "ugto c {g." j co o cf f g." o cnkpgrgt"xd0'gvnk'k'xg"xgko nk' mēmpo cu,pc"dc nf ,t0'Mē {pcmet, "xgko nk'xg"gvnk"mēmpcdko gn'kēp" k ngvo g" {3/pgvlekrkt'±gxtgukpf g" o g {f cpc"i gng" f g k lo rgtg" {3/pgvkn'kni' k'vr nco c."dw'dkni krgtk'cpcrk' "gvo g."cngtpc vktgt"ctcu,pf cp" f q tw' ug±ko rgt" {cr o cu, "xg" dwpw' w'i wrc o c {c" nq {o cu, "i gtgnō gmgf k0' VĀo "dw' cf ,o nē" dk' k' k ngvo grgtf g" utcvglkni' dkrpeg" uc j k" qm cp,p" 3/pgo kp' qtvc {c" nq {o cmcf ,t0' Dw' f q tw'wf c" k ngvo grgtf g" utcvglkni' {3/pgvko "kr"ki k'k'vgtko "xg"nētxco nē "r nērc o c."co c±ct. "r nēp."utcvglk"vcmkni'xg"r qrkknē+"xg"utcvglkni' {3/prgpf kto g" gxtguk" \*k ngvo gpkp" {cr v , "k kp"vcp,o , , "k ngvo gpkp" o ku {qpw"xk {qpw"co c±"xg"j gf ghrgtk' j wawwpf c" hctmpf cn,net,p,p" vgr kk' j cmmpf c" o gxew' f wto nē,p,p" kpegrgpo guk' co c±npo , v,t0' ¥ cn o cf c'pkgn'dkt"xgk'cpcrk' k' {3/pgvo k'qrnp" f qmĀo cp" cpcrk' k'nwncp,m , v,t0'Dw' f q tw'wf c" Quo cpkğ g" Vlectg' xg" Ucpc {k' Qf cu,pc" nē { ,v" qrcp" ĀĀ grgtf gp" \*j wr u<ly y y Qquo cpkğ gvaqQtı Ōt lw' g/rkugrgtk/4 H" qnw cp'50624" kngv'p'y gd'uc {hcu,"cpcrk' "gf kro k vto' kngvgtkp'y gd'uc {hcu,"ĀĀ gtkpf gp" {cr ,nē" cpcrk' rgtf g" gtk krgdkrtkni" \*y gd'uc {hcu. "krvk ko ."cf tgu: "utcvglkni' {3/pgvko "kr"ki k'k'vgtko "xg"nētxco nē "xg"utcvglkni' {3/prgpf kto g" gxtguk' wpwtct,pc" {gt" xgtkkr "xgkno gf k k'etc v,t,m , v,t0' [ cr ,nē" cpcrk' rgt" uqpwwpf c" kngv'p'gk krgdkrtkni' ĀĀ g {rgtkp'k'xg"utcvglkni' {3/pgvko "dkrkp±f ĀĀ g {rgtkp'k'±qni'f ĀĀ ni'f ĀĀ g {rgtf g'grf w w' i 3/4 ngo ngpo k vto' kngvgtf g'w' wp'x'cf gf g'xctn ,p'f gxco nñ , "kēp"j c {cvk'3/pgo "v , {cp'utcvglkni' {3/pgvko " nētxco ,p,p" {gtrg o guk'xg" f c j c" i 3/4 ĀpĀ" j cng" i gvtkno guk'kēp" k ngvo g" uc j k rgtkp'k' \*xg {c" {3/pgvlekrkt'kēp" utcvglkni' hctmpf cn,ni'hpwwpf c" dkrk±rgpf k'kno guk'p' i gtgnmkr k' k' k'±,net,o nē" {cr ,m , v,t0'

Anahtar Kelimeler: " {3/pgvko . "utcvglk" "utcvglkni' {3/pgvko . "o ku {qp. "xk {qp. "r nēp. "j gf g0" "

ABSTRACT

Vj g'i qqf u'cpf "ugt xlegu'r tqf wegf "d { "dwukpguugu'r nē { "c'xkcnltqrg'lp'pcvqpcn'geappo kgu0'k' qtf gt"vq"o gg'v' vj g'pggf u'qh'v' g'uqelgv' "y g'rkxg'lp'cpf "v'k'pctgcug'v' g'ēqwpv { } u'ucpf ctf "qh'rkxkpi . "vj g'ēqpvkpvk { "qh'v' gk" dwukpguugu'ku'guugpvkr0'k' qtf gt"vq"cej kxg'v' ku'ēqpvkpvk { "dwukpguugu'o wu'dg'cdng"v' hqmqy "vj g'ej cpi gu' kp"vj gk"gpvktqpo gpv'cpf "utxkxg'lp"i nqdcn'eqo r gvkkqp0'Qpn { "dwukpguugu'v' cvēcp'utxkxg'vpf gt"tcr kf nē" ej cpi kpi "gpvktqpo gpv'cn'eqpf k'k'qpu' y kni' j cxg" vj g" qrr qtwpkv { "vq"cej kxg" geappo kē" i qcn' uwey "cu" \$eqpvkpvkpi " rkg\$. " \$cej kxkpi " uwucpkcdng" eqo r gvkkxg" cf xcpvcı g\$" cpf " \$rtqxf kpi " cdqyg/cxgtci g" tgwtpu\$0'Vj g'tgcrk' cvkq"qh'v' gug"qdlgev'xgu'f gr gpf u'qp"vj g"ghgevxg"cpf "ghkēgpv'wug"qh'r tqf wevqap" tguqwtēgu"pcwtcn'tguqwtēgu"j wo cp'tguqwtēgu"ecr kēn'tcy "o cvgtkēn"o cej kpgt { . "gve00" k' qtf gt"vq"wug" tguqwtēgu"ghkēgpv { "cpf "ghgevxgn { . "dwukpgu'u'o cpci gt u'pggf "vq"eqmgev'kphqto cvkq"cdqw'v' g'ej cpi gu' qeewt'kpi "kp"vj gk'gpvktqpo gpv.'cpcn { g'v' ku'kphqto cvkq."o cng'v' g'tki j v'ej qlegu'co qpi "cngtpcvkxgu'cpf "

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

r w'vj ku'kpq'r tceveg0Cm'vj gug'ugr u'tgxgr'vj g'lo r qtvcpeg'qh'j cxkpi 'utcvgi ke'cy ctgpguu'kp'dwukpguugu0' Kp'vj ku'f kgevkqp.'k'ku'clo gf 'vq'gzco kpg'vj g'ewtgpv'ukwv'kqp'qh'dwukpguugu'cdqw'vj g'vgo u'cpf 'eqpegr u' tgrv'vj 'vq'utcvgi ke'o cpci go gpv'r rppkpi . 'qdlgev'xgu 'r rcp. 'utcvgi { . 'vce'vku'c'p'f 't q'ke { + 'c'p'f 'v'j g'utcvgi ke' qtlgpv'v'kqp'r j cug'f g'k'p'k'k'q'p'qh'vj g'dwukpguu'qh'vj g'dwukpguu.'o kukqp. 'xkukqp. 'i qcn'c'p'f 'qdlgev'xgu'qh'vj g' dwukpguu+0F qewo gpv'c'p'c'n'f uku 'c's w'rk'c'v'k'x'g'f c'v'c'c'p'c'n'f uku'o gj qf . 'y cu'w'ug'f 'k'p'vj g'uw'f { 0'k'p'vj ku'eqpv'gzv' v'j g'y gd'r ci gu'qh'5.624"eqo r c'p'k'g'u'eqpuk'v'k'pi "qh'o go dgtu'tgi k'v'gt'gf "vq"vj g"Quo c'p'k'f g"Ej co dgt"qh' Eqo o gteg" cpf " Kp'f w'ut { " \*j w'r u'ly y y Q'uo c'p'k'f g'w'v'q'q'ti 0t l'w'f g'r'k'v'g'r'g't'k'4'4" y g'g' " c'p'c'n'f | gf 0' Kp' " v'j g' c'p'c'n'f ugu'o cf g'q'p'vj g'y gd'r ci gu'qh'vj g'eqo r c'p'k'g'u.'k'y cu'k'p'x'g'u'k'i c'v'gf 'y j gj gt'ceegu'k'd'k'k'v'f 'y gd'r ci g." eqp'v'c'v'." cf f t'g'u'v'v' v'go u'c'p'f "eqpegr u'tgrv'vj "vq"utcvgi ke"o cpci go gpv'c'p'f "grgo gpv'i'qh'vj g'utcvgi ke" qtlgpv'v'kqp'r j cug'y g't'g'k'p'c'n'f gf 0C'u'c't'g'u'w'n'qh'vj g'c'p'c'n'f ugu.'k'y cu'q'du'g't'x'g'f 'v'j c'v'vj g'ceegu'k'd'k'k'v'f 'h'x'g'n'i' c'p'f 'utcvgi ke"o cpci go gpv'cy ctgpguu'h'x'g'n'i'qh'vj g'eqo r c'p'f { 'y g'g'c'v'x'g'f { 'h'q'y 'h'x'g'n'i'0'k'p'ht'g'p'eg'u'w'ej "cu' v'j g'p'g'eg'u'k'v'f "qh'v't'c'k'p'k'pi "h't"dwukpguu'q'y p'g't'u"\*q't"o cpci g'tu'v'v'q"gu'c'd'r'k'j "c'p'f "o c'n'g"o q't'g"x'k'k'd'g"v'j g' eqpegr v'qh'utcvgi ke"o cpci go gpv.'y j k'ej 'ku'qh'x'k'c'n'ko r qtvcpeg'h'q't'vj g'eqp'v'k'v'k'v'f 'q'h'g'z'k'v'g'p'eg'k'p'vj g'h'q'pi " v'go 'k'p'eqo r c'p'k'g'u.'y g'g'o cf g'0'

**Keywords:** "o cpci go gpv.'utcvgi { . 'utcvgi ke"o cpci go gpv.'o kukqp. 'xkukqp.'r rcp.'i qcn'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CsYO<sub>3</sub> PEROVSKİTİNİN YAPISAL, ELEKTRONİK, ELASTİK VE TERMODİNAMİK ÖZELLİKLERİ: SPİNTRONİK UYGULAMALARI İÇİN BİR DFT ÇALIŞMASI STRUCTURAL, ELECTRONIC, ELASTIC, AND THERMODYNAMIC PROPERTIES OF CsYO<sub>3</sub> PEROVSKITE: A DFT STUDY FOR SPINTRONIC APPLICATIONS

Ahmet İYİĞÖR<sup>1</sup>

<sup>3</sup>Mt gj kt 'Cj k'Gxt cp '©pkxgt ukxguk 'O cnkpg'xg'O gvcn'Vgnpqrlkgt k'D'ñAo ã. 'Mt gj kt. 'Vãtnk'gO'

<sup>3</sup>QTEKF 'KF <j wr u<llqtef Qti I2222/2224/7; ; 8/84: 8"

Selgin AL<sup>2</sup>

<sup>4</sup>ko kt 'Fgo qetce{ 'Wpkxgt ukx. 'Fgrctwo gpv'qih'Gpxk qpo gpvcn'Rt qvgevkp 'Vgepqri kgu. 'ko kt. 'Vwtng'fO'

<sup>4</sup>QTEKF 'KF <j wr u<llqtef Qti I2222/2225/46; 8/3522"

Mustafa ÖZDURAN<sup>3</sup>

<sup>5</sup>Mt gj kt 'Cj k'Gxt cp '©pkxgt ukxguk 'Hk'kn'D'4ñAo ã. 'Mt gj kt. 'Vãtnk'gO'

<sup>5</sup>QTEKF 'KF <j wr u<llqtef Qti I2222/2225/6569/7; 28"

Osman ÖRNEK<sup>4</sup>

<sup>6</sup>Mt gj kt 'Cj k'Gxt cp '©pkxgt ukxguk 'O gvcn'wlk'xg'O cn'go g'Oãj gpf kurk k'D'ñAo ã. 'Mt gj kt. 'Vãtnk'gO'

<sup>6</sup>QTEKF 'KF <j wr u<llqtef Qti I2222/2223/8; 75/7223"

#### ÖZET

Dw±cn o c. "Eu Q5" r gtqxunk' o cñ go gukp{ { cr , ucn "grgmtqpm" grcukn'xg" vto qf kpc kni<sup>3</sup>4 grnkmgtpk' { q wprn' hqpmk' qpgn' vgtkuk' \*FHV+ mwrp, rctcn' kpegro gmzf ktO' J gur nco crctf c. "I gpgng vktro k " G kko 'l cmc , o , "I C+her uco , pf c'Rgtf gy /Dwtng/Gtp| gtj qh"RDG+ hqpmk' qprkhwmp, m , vtO'Gf g" gf kgp" 3/4i ã ucdkk' f g gk' 6.77: " ã " qrcen' j gur nco , . " grcukn' 3/4 grnkmg" kug" E33?356.37 I Rc." E34?58.22 I Rc"xg"E66?36.67" I Rc"qrcen'dwmpo w wtO'Dwmo qf ãñ8: .94" I Rc. "nc { o c" o qf ãñ46.44" I Rc"xg" [ qwi " o qf ãñ86.: 6" I Rc"qrcen'dgrkngpo k vtoC { t, ec. " o cñ go gpk' grnk'f g k ko { gvgpg kpk' i 3/4vgtgp" DII " qtc, "4.: 6. "Rqkuqp" qtc, "kug"2.56" qrcen' j gur nco , vtO'Dw'xgtkgt. "Eu Q5" grcukn' qrcen' netctn, xg" o gncpkn' 3/4 grnkmg" c±, u, pf cp" { ãngm' f c { cp, m, nm' uwpf w wpw' i 3/4vgtgo gmzf ktO' Grgmtqpm'dcpv' { cr , u, "cpcrk' kpf g. "ur k" { vnc, " { 3/4grko kpf g'kngngpkn'xg" xcrepu'dcpvct, "ctcu, pf c"8.2; " gXawn'ldk" { cuen'gpgtk'cten , "i 3/4 ngo ngpkn'p. "ur k" c c , " { 3/4grko f g'dcpvct, p" Hto k'ugxk' gukp'knguk k' xg"6.: 7" gXawn'ldk" dcpv' i gpk rk k'qf w w'vur k'gf ko k vto'Gn'qrcen'vqr nco " o cp { gvkn' o qo gpv'4" d" qrcen' j gur nco , vtO'Dw' uqpwæret. " o cñ go gpk' o cp { gvkn'xg" ur kvtqpk g" w i wp "grgmtqpm' 3/4 grnkmg" ugti kg { gdkreg kpk' i 3/4vgtgo gmzf ktO'Vto qf kpc kni<sup>3</sup>4 grnkmg" ner uco , pf c. "2/: 22" M'u, ecm, n'cten , pf c" vktg ko "gpgtkuk' ugtdu'vktg ko "gpgtkuk' gptqr k'xg", u, "u, cu, p, p' u, ecm c" dc n' f g k ko ngtk' kpegro k = Fgd { g' u, ecm , "493.935" M'qrcen'dwmpo w wtO'Dw' 3/4 grnkmgtk'kg' Eu Q5. "ur kvtqpm' lej c| rct. " o cp { gvkn' f gr nco c" vgnpqrlkgt k'xg" { ãngm' u, ecm, n' ucdk'kguk' i gt gmk' gp" vto qrgmtkn' w i wrco crct " kkp" wo w' xcf gf gp' dkt' cf c { f, tO' | grnkmg. " i gpk " dcpv'cten , "xg" o cp { gvkn' 3/4 grnkmgtk' dw' o cñ go gpk' i grgegmgk' kgtk' vgnpqrlk' grgmtqpm' xg" o cp { gvkn' lej c| rctf c' hwmp, o " r qvcuk' grpk'ctv, to cmcf, tO'

Anahtar Kelimeler: "Rgtqxunk. "Ur kvtqpm' Grgmtqpm'dcpv' { cr , u. "O cp { gvkn' 3/4 grnkmgT0

#### ABSTRACT

Vj ki'uwf { "kpxguki cvgu' vj g' utvewtcn "grgevtqple. "grcukn. "cpf "vj gto qf { pco ke" r tqr gtvku' qh' vj g' Eu Q5" r gtqxunkg" o cvgtkn' wuki " f gpkv { "hpevkqpcn' vj ggt { "FHV+0' Ecrewv'kpu" y gtg' r gthto gf " y kj k' vj g' " lico gy qtm' qh' vj g' " I gpgtcrk' gf " I tef kgp' Cr r tqzko cvkqp" \*I C+ " wuki " vj g' Rgtf gy /Dwtng/Gtp| gtj qh'



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\*RDG+ "hpevkqpcr0Vj g" qdvkpgf "rwleg" eqpuwcv'y cu'ecrewv'gf "cu"6077: "α 0Vj g"gru'ke"eqpuwcv'y g'g" f g'vto kpgf "cu"E<sub>33</sub>?35607I Rc."E<sub>34</sub>?5802I Rc."cpf "E<sub>66</sub>?3607I Rc0Vj g'dwm'o qf wwu'y cu'hqwpf "q'dg" 8: 04"I Rc."uj gct"o qf wwu'46044"I Rc."cpf "[ qwpi u"o qf wwu'860 6"I Rc0Cf fklqpcmf ."vj g"DII "tcvkq." y j ke'j "kpf kecvgu'vj g'o cvgtkcn'u'f ve'wkv'f ."y cu'ecrewv'gf "cu"40 6."cpf "vj g'Rqkuqpu'tevkq'y cu'2060Vj gug" xcn'gu'w'i i gu'vj cv'Eu' Q<sub>5</sub>'ku'gru'w'ecmf "ucdrg"cpf "gzj kdku'utqpi "o ge'j cplecn'f wcdk'kv' 0K'vj g'cpcn'f uku" qh'vj g'gr'evtqple"dcpf "utwewtg."c'dcpf 'i cr "qh'80; 'gX'y cu'qdu'gtxgf "dgw ggp'vj g'eqpf ve'wkv'cpf "xcrgpeg" dcpf u'lp'vj g'ur kp/wr "qtkgpvcvkp."y j krg'kp'vj g'ur kp/f qy p"qtkgpvcvkp."vj g'dcpf u'etqu'gf "vj g'Hgo k'g'xgn" tgu'w'kpi "kp'c'dcpf 'i cr "qh'60 7"gX0Hwt'vj gto qtg."vj g'q'wcn'o ci pg'ke'b qo gp'v'y cu'o gc'w'gf "cu"4" b0Vj gug" tgu'w'u'kpf kecvg'vj cv'vj g'o cvgtkcn'gzj kdku'gr'evtqple"r tqr g'v'ku'w'kcdrg"ht"o ci pg'kuo "cpf "ur k'p'tqpleu' K'v'gto u'qh'vj gto qf {pco ke"r tqr g'v'ku."vj g"xctk'v'kpu'kp"xkdt'v'kpcn'gp'gti {."htgg"gp'gti {."gp'w'qr {."cpf " j ge'v'ecr'cek'f "y kj "go r gtc'wtg'y g'g'zco kpgf "y kj kp'vj g'tcpi g'qh'2/: 22"M"cpf "vj g'Fgd{g'go r gtc'wtg" y cu'ecrewv'gf "cu"493035"M'Y kj "vj gug"r tqr g'v'ku"Eu' Q<sub>5</sub>"go gti gu'cu"c"r tqo k'kpi "ecpf kf cvg"ht" cr r'k'ec'v'kpu'kp"ur k'p'tqple"f gx'legu"o ci pg'ke"u'atci g'v'ge'j p'q'qi k'gu"cpf "vj gto q'gr'evt'ke"cr r'k'ec'v'kpu'vj cv' tgs'w'kg'j ki j /go r gtc'wtg"ucd'k'kv' 0K'f'ct'v'w'rt."ku'y kf g'd'c'p'f 'i cr "cpf "o ci pg'ke'ej ct'ce'v'gt'ku'eu'gp'j c'peg" ku'r qv'p'v'cn'ht"hw'wtg'w'ug'kp"cf xc'pegf "gr'evtqple"cpf "o ci pg'ke"f gx'legu"

**Keywords:** "Rgtqxunkg."Ur k'p'tqpleu."Gr'evtqple"dcpf "utwewtg."O ci pg'ke"r tqr g'v'ku"

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#### RBVO<sub>2</sub> BİLEŞİĞİNİN FD-3M KÜBİK YAPISININ YAPISAL, ELEKTRONİK VE MANYETİK ÖZELLİKLERİNİN DFT İLE İNCELENMESİ: SPİNTRONİK UYGULAMALAR İÇİN BİR POTANSİYEL

#### DFT STUDY OF THE STRUCTURAL, ELECTRONIC, AND MAGNETIC PROPERTIES OF THE CUBIC FD-3M PHASE OF RBVO<sub>2</sub>: A POTENTIAL CANDIDATE FOR SPINTRONIC APPLICATIONS

Ahmet İYİĞÖR<sup>1</sup>

<sup>3</sup>M,t gj kt 'Cj k'Gxt cp '©pkxgt ukxguk 'O c nkp g'xg'O gvc n'Vgmpqrqlkgt k'D'ñAo ã. 'M,t gj kt. 'VÄtnk' gO'

<sup>3</sup>QTEKF 'KF <j wr u<llqtekf Qti I222/2224/7; ; 8/84: 8"

Selgin AL<sup>2</sup>

<sup>4</sup>Ko kt 'F go qetce{ 'Wpkxgt ukx' . 'F grctwo gpv'qhl'Gpxk qpo gpvc n'Rt qvgevkap 'Vgepqruji kgu. 'Ko kt. 'Vwtng' (O'

<sup>4</sup>QTEKF 'KF <j wr u<llqtekf Qti I222/2225/46; 8/3522"

Mustafa ÖZDURAN<sup>3</sup>

<sup>5</sup>M,t gj kt 'Cj k'Gxt cp '©pkxgt ukxguk. 'Hk' kni'D'ñAo ã. 'M,t gj kt. 'VÄtnk' gO'

<sup>5</sup>QTEKF 'KF <j wr u<llqtekf Qti I222/2225/6569/7; 28"

Osman ÖRNEK<sup>4</sup>

<sup>6</sup>M,t gj kt 'Cj k'Gxt cp '©pkxgt ukxguk 'O gvc nwt lk'xg'O cñ go g'O Äj gpf kurk k'D'ñAo ã. 'M,t gj kt. 'VÄtnk' gO'

<sup>6</sup>QTEKF 'KF <j wr u<llqtekf Qti I222/2223/8; 75/7223"

#### ÖZET

Dw±cn o c. 'T dXQ4' dkg k kpk'HF/5o 'w' c { 'i twdwpf cn'ñAdkni' { cr, u, p, p' { cr, u, cn 'grgmtqpkni'xg'o cp { gkni' 3/4 grnkmgtkpk' { q wpmni' hqpmk' { qpgni' vqtkuk' \*FHV+ mwrp, rctni' kpeggo gmgf ktO' J gur nco cirtf c. " I gpgng vktko k "G kko "[ cmc ,o , "I I C+ ncr uco , pf c "Rgtf gy /Dwtng/Gtp| gtj qh' \*RDG+ hqpmk' { qpgni' mwrp, m , vtO'Gf g'gf krgp 3/4i Ä "ucdkk'f g gt k': 0789 "a "qrcteni'j gur nco , vtO'C { t, ec. "vqr nco "o cp { gkni' o qo gpv'50 2" D "qrcteni' dwnpo w wt="dw' f c"o cñ go gpkp" dgrkti kp"o cp { gkni' 3/4 grnkmg' ugti krgf k kpk' i 3/4ngto gmgf ktO'Dw'dc nco f c. "grgmtqpkni'dcpv' { cr, u, "cpcnk' kpf g" { Ämgn'uko gvt'k'gmugprgt'kdq { wpec "ur kp" { wnet, "xg" ur kp" c c , " { 3/4pgriko rgtk' j gucdc "nev, m , vtO' Dcpv' { cr, u, "uqpw±rct, . " ur kp" { wnet, "xg" c c , " { 3/4pgriko rgtf g" krgvngprkni' xg" xcrpu' dcpvct, p, p' Hgto k' ugxl' gulpk' nguk kpk' xg" k± k±g" i g±k kpk' i 3/4ngto gmgf ktO'Dw' 3/4 grnkni' o cñ go gpkp" o gvcnkni' dk" { cr, { c "ucj kr " qif w wpc "xg" grgmtknugni' krgvngprkni' i 3/4ngtf k kpg" k ctgv' gvo gmgf ktO' Hgto k' ugxl' gulpkp" cn, pf c "nwrp" xcrpu' ugxl' gulpf g "kug" j gt "knk" ur kp" { 3/4pgriko k'k±p" dk" dcpv'cten , "vgur kv'gf kno k vt="ur kp" { wnet, " { 3/4pgriko "k±p" dw'dcpv'cten , "482" gX. "ur kp" c c , " { 3/4pgriko "k±p" kug" 562" gX "qrcteni'j gur nco , vtO'Dw' hctnm nnet. "T dXQ4" kpk' ur kptqpk g' w' i wp' 3/4 grnkmg' ugti krgf k kpk' xg' hctm " ur kp" { 3/4pgriko rgtkpf g" c { t, "grgmtqpkni' f extcp, rct "uwpf w wpw' qtvc { c " nq { o cmcf, tO'Dw' 3/4 grnkmg' k' krg "T dXQ4" dkg k k " 3/4 grnkmg' ur kptqpkni' ekj c| rct. "o cp { gkni' ugpu' 3/4 rgt' xg" o cp { gkni' xgtk' f gr qico c "vmpqrqlkgtk' k±p" r qcwuk' gni' dk" cf c { "qrcteni' 3/4pg±, nno cmcf, tO'O cñ go gpkp" o gvcnkni' { cr, u, "f Ä Äni' f ktp±k' ur kp" cm , pc "k kp" xgtkngp. "o cp { gkni' o qo gpv' xg" ur kp/ { 3/4pgriko rk' dcpv' 3/4 grnkmg' k' ur kptqpkni' w' i wco cirt "k±p" i gt gngp "ur kp" o cpk Äru' { qp " { gvgpgmg' kpg' k ctgv' gvo gmgf ktO'Dw' ±cn o c. "T dXQ4" kpk' i grgegmg'ni' o cp { gkni' xg' grgmtqpkni' ekj c| rctf c "mwrp, o " r qcwuk' grik' ctc vto cni' k±p' 3/4pgo rk' dki krg' uwp o cmcf, tO'

Anahtar Kelimeler: "Ur kptqpkni' Grgmtqpkni'dcpv' { cr, u, 'O cp { gkni' 3/4 grnkmg' tO'

"

"

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#### ABSTRACT

Vj ku'uwf { "kpxguki cygu"vj g"utwewtcn"grgetqple."cpf "o ci pgvle"r tqr gtvku"qh'vj g'ewdle"utwewtg"qh'vj g" TdXQ4"eqo r qwpf "kp"vj g"Hf/5o "ur ceg"i tqwr "wukpi "f gpukv\ "hwpevkqpcn'vj gqt { "FHV-0Ecrewrcvku'puy g"tg" r gthqto gf "y kj kp"vj g"itco gy qtm'qh'vj g'I gpgtcrk\ gf "I tcf kpv'Cr r tqzko cvkqp"i I C+"wukpi "vj g'Rgtf gy / Dwtng/Gtpl gtj qh"RDG+"hwpevkqpcn'0Vj g'hwleg'eqpu'cpv'y cu'qdvckpgf "cu": 0789"α . "cpf "vj g"vqcn'o ci pgvle" o qo gpv' y cu' ecrewrcv'f "vq" dg"50 2" D." kpf lecvpi " vj cv' vj g" o cvgtkcn'gzj kdku"uki plh'ecpv' o ci pgvle" r tqr gtvku'0kp"vj ku'eqpvz.v. "vj g'grgetqple"dcpf "utwewtg'y cu'cpcn\ | gf "cmqi "j ki j /u{o o gvt { "czgu."vcn'pi " kpq" ceeqwpv' dqj " ur kp/wr " cpf " ur kp/f qy p" qtkgpvcvku'puy Vj g" dcpf " utwewtg" tguwmu"uj qy " vj cv' vj g" eqpf vevkq"cpf " xcrppeg" dcpf u"kvgtugev'cpf "etquu"vj g"Hgt o k'ngxgn'hqt" dqj "ur kp/wr "cpf "ur kp/f qy p" qtkgpvcvku'puy Vj ku' hgcwtg" uwi i gumu" vj cv' vj g" o cvgtkcn' j cu' c" o gvcnke" pcwtg" cpf " gzj kdku" grgetkcn' eqpf vevkxk\ 0Cf f k'kqpcn\ ."c" dcpf "i cr "y cu'qdu'gxf "kp"vj g"xcrppeg"tgi kq"dgmy "vj g"Hgt o k'ngxgn'hqt" dqj "ur kp"qtkgpvcvku'puy"vj ku'dcpf "i cr "y cu'ecrewrcv'f "cu"402" gX'hqt"vj g"ur kp/wr "qtkgpvcvku'puy"cpf "5062" gX" hqt"vj g"ur kp/f qy p"qtkgpvcvku'puy g"ug" f khgtgpegu" kpf lecvg"vj cv'TdXQ4"gzj kdku"r tqr gtvku'uwkcdrg" hqt" ur kvtpqleu "y kj "f k'k'p'v'grgetqple"dgj cxkqtu'hqt" gcej "ur kp"qtkgpvcvku'puy"vj kj "vj g"ug"ej ctcevgtk'ku'eu "vj g" TdXQ4"eqo r qwpf "go gti gu'cu" c" r qv'p'kcn'ecpf kf cvg" hqt" cr r r'ecvku'puy"kp"ur kvtpqle "f gxlegu" o ci pgvle" ugpuqtu."cpf "o ci pgvle" f cvc"uqtc i g"v'ej pqm'qi kgu'0Vj g" o gvcnke" pcwtg"qh'vj g" o cvgtkcn'cmqy u'hqt"mqy / tguk'cpeg" ur kp" hmqy . "y j krg" ku" o ci pgvle" o qo gpv' cpf " ur kp/f gr gpv' dcpf " utwewtg" kpf lecvg" ur kp" o c'p'k' wrcvku'puy"ecr cd'k'k'gu'pggf gf "hqt"ur kvtpqle" cr r r'ecvku'puy"0Vj ku'uwf { "r tqxf gu'xcrwcdrg"kpuki j u'kpq" vj g"r qv'p'kcn'qh'TdXQ4" hqt" h'w'w'g"v'ug"kp" o ci pgvle" cpf "grgetqple" f gxlegu'0

**Keywords:** "Ur kvtpqleu."Grgetqple" dcpf "utwewtg."O ci pgvle"r tqr gtvku'0

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III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH  
CONFERENCE

ENDÜSTRİ 4.0'IN MUHASEBE EĞİTİMİNE ETKİSİ ÜZERİNE KURUMSAL BİR  
İNCELEME  
AN INSTITUTIONAL REVIEW ON THE IMPACT OF INDUSTRY 4.0 ON ACCOUNTING  
EDUCATION

Ali YÖRÜK<sup>1</sup>

<sup>3</sup> t0I 3/40'Quo cpk'g'Mqtmw/Cvc 'Opkxgtukguk 'FÄ/kk'O gurgn'f Ämugnqmw. 'Wic v,to c 'J k'o gvgk'k'  
D3/4Äo Ä.'Quo cpk'g.'VÄtnk'g"

<sup>3</sup>QTEK'KF <J wr u<llqte'f Qiti I2222/2223/75; 2/4359"

Murat KARAHAN<sup>2</sup>"

<sup>4</sup>"Fq±0Ft0'I c/kpvr 'Opkxgtukguk."mkuf'k'xg" fctkDko rgt 'HcnÄnguk" rgo g'D3/4Äo Ä.'I c/kpvr."  
VÄtnk'g"

<sup>4</sup>QTEK'KF <J wr u<llqte'f Qiti I'2222/2224/7288/6479"

"

ÖZET

Dw'±cn o c"j gt"knk'kno kp"3/4 tgpek'f cp, o cp"kk nkuk'kgtkuf g"Ägvk k'f qmqtc"vg| "±cn o cu,p,p"dk'  
d3/4Äo ÄpÄp'i Äpegmpo guk'rg'xg'f g k vtko guk'rg'vg gmnÄngvktko k vtk0

Gpf Ämk'6Ö."Ägvk f g'f kkcng o g'xg" {cr c { | gm-p,p"3/4pg±,no cu,p,"kcf g'gf gp"dk'"nextco "qrctem'kn'  
ngl 'Cm cp {c'cf c'J c'ppqxt Hwt,)pf c'v'p,vrctcn'Äo 'ugm3/4rtf g'htmpf cnlqnw wto w 'xg'k'f Äp {cu,p,c"  
n3/4mÄ'f g k lo rgt" {ctvctem'g kko f gp'o gurgn'k'w'i wco crctc'ncf ct'r gni±qni'cmf c'f 3/4pÄ Äo g'3/4peÄnÄ'  
gvo gmgf k0Dw'dc rco f c.'Gpf Ämk'6Ö'kg'o vj cugd'g kko k'ctcu,pf cnk'kk nk'g'nev'm'uc rco cnlxg" {gpk'  
ctc v,to crctc" | go kp"j c| ,trco cn'dÄ{Än'3/4pgo "c ,o cmcf ,t0'Dw'ner uco n,"f 3/4pÄ Äo ."ucf geg'gpf Ämk'gri'  
Ägvk "crp,pf c'f g kn'c {p, | co cpf c'o gurgn'g kko "uÄt±ngtkpf g'f g'3/4pgo ik'dk'r ctf ki o c'nc {o cu,pc"  
pgf gp"qm w wt0" | gnmng'o vj cugd'g kko k "dw'vgnpqmlknif gxtko kp'gvnrgtkpg'f q tw'cp'o ctw' "ncrp"  
f kuk'rpngt'gp"dk'qrctem'net ,o , | c"±,no cmcf ,t0'NkgtcvÄf g."Gpf Ämk'6Ö"vgnpqmlkrgtkp'o vj cugd'  
g kko kpg"gpvi tcu {qpwpw"nc±,p,m c| "qf w w'xg' dw' gpvi tcu {qpwp"3/4 tgpekrgtkp'f kkcni' dgegtkrgtkp'  
ctv,to c'pqmcu,pf c'htkkn'dk'tqn'q {pcf , ,xvti wrpo cmcf ,t0"

Gpf Ämk'6Ö,p"o vj cugd'g kko kpg" {cpu, {cp'gvnrgtk"3/4 tgpekrgtkp'ucf geg'vgt'kn'dkri k'kg" {gvkpo g {kr ."  
dÄ{Än' xgtk' {3/4gvk k" {cr c { | gm' f gvgmk' cperk' rgt' xg' dngenej clp' vgnpqmlkuk' i kdk' f kkcni' ctc±rt,"  
mwncpo c" {gvnrgtkp' ucj kr "dk'g'rgt' qrctem' {gvk o guk'p' | qtw'pnw' mmo cmcf ,t0'O gxew' rkgtcvÄ." dw'  
vgnpqmlkrgtkp'o vj cugd'g kko kpg"gpvi tcu {qpw'u,tcu,pf c'net ,re ,rp" {cr ,ucn'xg'r gf ci qlkni' qtrnwntc"  
f kmcv±gno gmgf k0" | gnmng'g kko "mwtwo rct,p,p" {gvgtuk' "vgnpqmlkn'cn {cr ,u,"3/4 gvko "grgo cprct,p,p"  
f kkcni'f 3/4pÄ Äo "nupwupf cnk'dkri k'gmikmkgtk'xg'o gxew'o Ät'gf cvrt,p"±c ,p'i gtgmukpo rgtkpg'cf cr vg"  
gf krgo go guk' i kdk' uqtvrct "u,nc"ctv ,no cmcf ,t0'Dw'pqmcf c."f kkcng gp"o vj cugd'g w'i wco crct , {rc"  
w' wo nw' {gpk'g kko "utcvllkrgtkp'i grk vtko guk' i gtgmk k'qvc {c"nupwro cmcf ,t0'NkgtcvÄ"±cn o crct,."  
Gpf Ämk' 6Ö,p" o vj cugd'g g kko kpg" gpvi tcu {qpwpw" 3/4 tgpek' dc ct,u,p," ctvt,e," vnkrgtkp' qvc {c"  
nq {ctngp."c {p, | co cpf c"dw'uÄt'gelp'uÄf ÄÄngdkrik k'k'kp" {gpk'k'k'3/4 gvko "o qf gmgk'xg'w'i wco cn"  
g kko "vgnpkmgtkpk'i grk vtko guk' i gtgmk k'p'f g'xvti wco cmcf ,t0'Dw'dkf k'k'Gpf Ämk'6Ö,p"o vj cugd'  
g kko kpg'gvnrgtkp'ki gpk' dk'r gtr gmkhgp'gng'crctem'f kkcni'f 3/4pÄ Äo Äp'i gvkt'k k'htucvrt'xg'net ,re ,rp"  
| qtrnwnt,'ner uco n' dk' gmk'f g'cperk' gvo g {kco c±rco cmcf ,t0

Anahtar Kelimeler: 'Gpf Ämk'6Ö.'o vj cugd'g kko k'f kkcni'f 3/4pÄ Äo ."dÄ{Än'xgtk" {cr c { | gm0

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

Vj ku'uwf { 'y cu'etgev'f 'd { 'w f cv'kpi 'cpf 'ej cpi kpi 'c'ugev'kq'qh'vj g'f qev'qtcn'vj guku'r tqf wegf 'd { 'dq'j 'pco gu' y kj kp'vj g'uwf gp'v'cf xkuq't'gr'v'kpuj k' O'

K'f wut { "60. "cu'c"eqpegr v'vj cv'g'zr tgu'gu'vj g'r tqo k'p'peg'qh'f ki k'cn'k' cv'kq'p'cpf "ct'v'k'ek'n'k'p'v'gn'ki g'peg'k'p" r tqf we'v'k'q'p.'y cu'ht'u'v'k'p'q'f wegf "cv'vj g'J c'pp'q'x'g't'Ek't' k'p'I' gto cp { 'cpf 'j' cu't'ck'ug'f 'cy ct'g'p'gu'k'p'cm'uge'v'qt'u' cpf 'j' cu'rg'f 'v'q't'c'pu'q'to cv'k'q'p'k'o cp { 'ct'g'cu'ht'qo "gf we'v'k'q'p'v'q'r tq'g'u'k'q'p'cn'r t'ce'v'k'eg'u'd { 'et'g'cv'k'pi 't'cf' k'ec'n' ej cpi gu'k'p'vj g'd'w'k'p'gu'y q't'f O'k'p'vj ku'eq'p'v'z'v.'k'ku'q'h'i t'g'cv'ko r q't'w'p'eg'v'q'eq'p't'k'd'w'g'v'q'vj g't'gr'v'k'puj k'r " dg'y g'gp' "K'f wut { "60" cpf "cee'q'w'p'k'pi "gf we'v'k'q'p" cpf "v'q'r t'gr'ct'g" 'vj g'i tq'w'p'f "h'q't" p'gy "t'g'ug'ct'ej O' Vj ku' eqo r t'g'j g'p'uk'x'g't'c'pu'q'to cv'k'q'p'j cu'ec'w'ug'f "c'uki p'k'h'k'ec'p'v'r c't'cf' ki o 'uj k'h'p'q'v'q'p'n' k'p'vj g'h'k'g'f 'q'h'k'p'f w'ut'k'n' r tqf we'v'k'q'p'd'w'c'n'q'k'p'r tq'g'u'k'q'p'cn'gf we'v'k'q'p'r t'q'eg'ug'u'OC'ee'q'w'p'k'pi "gf we'v'k'q'p.'k'p'r ct'v'k'w'rt.'u'w'c'p'f u'q'w' cu'q'p'g'q'h'vj g'f k'ue'k'r'k'p'gu'f'k'g'e'v'f 'g'z'r q'ug'f 'v'q'vj g'g'h'g'ew'q'h'vj ku'v'g'ej p'q'q'ji k'ec'n't'g'x'q'n'w'k'q'p'O'k'ku'go r j' cu'k' g'f " k'p'vj g'h'k'g't'c'w't'g'vj cv'vj g'k'p'v'gi t'c'v'k'q'p'q'h'k'p'f w'ut { "60"v'g'ej p'q'q'ji k'gu'k'p'v'q'cee'q'w'p'k'pi "gf we'v'k'q'p'ku'k'p'g'x'k'c'd'ng' cpf 'vj cv'vj ku'k'p'v'gi t'c'v'k'q'p'r r { u'c'et'k'k'ec'n't'q'g'k'p'k'p'et'g'c'uk'pi 'uw'f gp'w'f' ki k'cn'unk'm'0'

Vj g'g'h'g'ew'q'h'k'p'f w'ut { "60"q'p'cee'q'w'p'k'pi "gf we'v'k'q'p'p'g'eg'ug'k'c'v'g'vj cv'uw'f gp'w'ct'g'p'q'v'q'p'n'f 'eq'p'v'g'p'v'y kj " vj g'q't'g'v'k'ec'n'hp'q'y r'f i g'd'w'c'n'q'd'g'eqo g'k'p'f k'k'f w'c'u'y j q'ct'g'eqo r g'v'g'p'v'k'p'w'uk'pi 'f ki k'cn'v'q'q'u'u'w'ej "cu' d'ki 'f'c'v'c'o c'p'ci go gp'v.'ct'v'k'k'ec'n'k'p'v'gn'ki g'peg'uw'r r q't'v'g'f "c'p'cn'f' u'ku'c'p'f "d'q'ene'j c'k'p'v'g'ej p'q'q'ji { O'Vj g' " g'z'k'uk'pi "h'k'g't'c'w't'g'f t'cy u'c'w'g'p'v'k'q'p'v'q'vj g'ut'w'ew't'c'n'c'p'f "r'g'f'c'i'q'i k'ec'n'f' k'h'k'ew'k'g'u'g'p'eq'w'p'v'g't'g'f 'f'v't'k'pi 'vj g' " k'p'v'gi t'c'v'k'q'p'q'h'vj g'ug'v'g'ej p'q'q'ji k'gu'k'p'v'q'cee'q'w'p'k'pi "gf we'v'k'q'p'O'k'p'r ct'v'k'w'rt.'r tq'd'ng'o u'w'ej "cu'vj g' " k'p'c'f'g's'w'c'v'g'v'g'ej p'q'q'ji k'ec'n'k'p'ht'c'ut'w'ew't'g'q'h'gf we'v'k'q'p'cn'k'p'uk'w'k'q'pu.'vj g'h'c'eni'q'h'hp'q'y r'f i g'q'h'v'g'cej k'pi " u'c'h'i'c'd'q'w'f' ki k'cn'v'c'pu'q'to cv'k'q'p'c'p'f 'vj g'k'p'c'd'k'k'v'f 'v'q'c'f'c'r'v'g'z'k'uk'pi "ew't'k'ew'r'v'q'vj g'p'g'g'f u'q'h'vj g'c'i'g' " ct'g'ht'g's'w'g'p'v'f'f' k'ue'w'ug'f'OC'v'vj ku'r q'k'p'v.'k'ku't'g'x'g'c'ng'f 'vj cv'p'gy "gf we'v'k'q'p'cn'ut'c'v'gi k'gu'eqo r cv'k'd'ng'y kj " f'ki k'cn'k' g'f "cee'q'w'p'k'pi "r t'ce'v'k'eg'u'uj q'w'f "dg'f'g'x'g'ng'r'g'f O'Y j k'ng'h'k'g't'c'w't'g'uw'f k'gu't'g'x'g'c'n'vj g'g'h'g'ew'q'h'vj g' " k'p'v'gi t'c'v'k'q'p'q'h'k'p'f w'ut { "60"k'p'v'q'cee'q'w'p'k'pi "gf we'v'k'q'p'vj cv'k'p'et'g'c'ug'uw'f gp'v'w'ee'guu.'vj g' { "c'n'q' " go r j' cu'k' g'f'v'j cv'k'p'p'q'x'c'v'k'g'v'g'cej k'pi "o q'f'g'u'c'p'f "c'r'r'k'g'f "gf we'v'k'q'p'v'g'ej p'ls'v'g'u'uj q'w'f "dg'f'g'x'g'ng'r'g'f "h'q't" vj g'uw'c'k'p'c'd'k'k'v'f'q'h'vj ku'r t'q'eg'u'O'Vj ku'r c'r'g't'c'lo u'v'q'eqo r t'g'j g'p'uk'x'g'n'f "c'p'cn'f | g'vj g'q'r' r q't'w'p'k'k'g'u'c'p'f " ej c'ng'p'i gu'd't'q'w'i j'v'd' { 'f'ki k'cn'v'c'pu'q'to cv'k'q'p'd' { "c'f'f'g'g'uk'pi "vj g'g'h'g'ew'q'h'k'p'f w'ut { "60"q'p'cee'q'w'p'k'pi " gf we'v'k'q'p'ht'qo "c'd't'q'c'f' r'g't'ur'g'ev'k'x'g'O'

**Keywords:** K'f wut { "60. "cee'q'w'p'k'pi "gf we'v'k'q'p.'f'ki k'cn'v'c'pu'q'to cv'k'q'p.'d'ki 'f'c'v'c.'ct'v'k'k'ec'n'k'p'v'gn'ki g'peg'O' " " "

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### FARKLI BÜTADİEN KAUCUK ORANLARINDA YÜKSEK DARBE DAYANIMLI POLİSTİREN (HIPS) POLİMERİNİN TERMAL VE MEKANİK ÖZELLİKLERİ THERMAL AND MECHANICAL PROPERTIES OF HIGH IMPACT POLYSTYRENE (HIPS) POLYMER AT DIFFERENT BUTADIENE RUBBER RATIOS

Hande Nur ERGEN<sup>1</sup>

<sup>3</sup>[*AmgnMko {c 'OÄj gpf kuk 'Quo cpk g'Mqt mw'Cvc 'Öpkxgt ukuguk 'NkcpuÄunÄ'G kko 'GpukwÄuÄ.'Mko {c "*  
*O Äj gpf kuk k'Cpcdkto 'F cn.'Quo cpk g.'VÄtnk g"*

<sup>3</sup>*QTEK 'K' <j wru-Älqtekf Qti 1222; /2228/64: : /6849"*

Feridun DEMİR<sup>2</sup>

<sup>4</sup>*RtqlÖF t'0'Quo cpk g'Mqt mw'Cvc 'Öpkxgt ukuguk 'NkcpuÄunÄ'G kko 'GpukwÄuÄ.'Mko {c 'O Äj gpf kuk k'*  
*Cpcdkto 'F cn.'Quo cpk g.'VÄtnk g"*

<sup>4</sup>*QTEK 'K' <j wru-Älqtekf Qti 1222/2223/8594/8; 7: "*

#### ÖZET

Rqrkuktp "xg" {*Amgn*'fctdg"fc{cp,o n"rqrkuktp"\*J RU+:"rncukni'o cñ go grgt"ctcu,pf c" {c{i ,p"qrcteni mmp,ncp"nk'vÄf Ä0J RU'Ägko kpf g'ncw=wnlqtc,p,p'ctv,t,m cu,"rqrko gtni'o cñ go gpkp"o gncpkn'xg" vgtocn<sup>3</sup>/<sub>4</sub> grnkmgtpkf g'dgrtki kp'f g k knkmgtp"o g{f cpc'i gvkkt0Dw'f g k knkmgtp."J RU'kp'mwncp,o 'co ce,pc" w{i wp" gnkf g'qr vko k g'gf kro gupk'uc mt0Dw'+cn, o cf c."hctm"qtcprctf c"dÄcf kgp'ncw=wnl'mmp,nceni rqrkuktpk" dÄcf kgp"kr"o qf hkf g'gf kro gupk'ng'grf g'gf kgp"vgtoc r rncukniJ RU'rqrko gtrgtkpkp"vgtocn'xg" o gncpkn' <sup>3</sup>/<sub>4</sub> grnkmgtpkf gnk' f g k ko rgt" kpegrpo k vkt0' ¥ cn, o c" nq wnc,t," *F giki p/Gzr gtv' 35*" kucvkn' r tqi teo ,"kr" dgrtkrpo k "xg" grf g" gf kgp" xgtkgt" kucvkn'qrcteni f g gtrgpfk kro k vkt0' Mcw=wnl' qtc,p, ctw,mnc."J RU'rqrko gtpkp"Xlev' {wo wco c'pqmcp,p,p'i gpgnkmg'f Ä vÄ Ä'i <sup>3</sup>/<sub>4</sub> rgo rgo k vkt0'Dw'f wwo " rqrko gt"o cvtkupg'gmppgp'ncw=wnl'hc| ,p,p."o cñ go gpkp"vgtocn'fc{cp,mn ,p,'c| cnw, ,p,'xg'f c'f Ä Äni u,ecm,mtf c" {wo wco c'c" dc rcf, ,p," i <sup>3</sup>/<sub>4</sub> vgtoc gmgf k0' Mcw=wp" rqrko gt" o cvtkupk" vgtocn' f c{cp,mn ,p,'c| cnw, ,"uqpwew"xct,m , v,t0'Ctvcp"ncw=wnl'qtc,p,p"J RU'rqrko gtpkp"J F V'f g gtpk' f Ä Äf Ä Ä'i <sup>3</sup>/<sub>4</sub> rgo rgo k vkt0'Mcw=wnl'qtc,p,ctw,mnc"o cñ go gpkp"vgtocn'ncetctn , "xg'ugtvrk k'c| cm cmc." dw'f c"o cñ go gpkp'f c'f Ä Äni,u,ecm,mtf c'f ghqto cu{qpc'w tc{cec ,"cprco ,pc'i gro gmgf k0'Rqrkuktp" o cvtkupg'gmppgp'ncw=wnl'hc| ,."o cñ go gpkp" {Äni'vc ,o c'ncr cukgukp'xg",u,n'ncetctn ,p,'f Ä Äto gmgf k0' Kqf "Kö rcev'cprk k"ctvcp"ncw=wnl'qtc,p,{nc"o cñ go gpkp" fctdg" gupcu,pf c'f c'c'hc| nc" gpgtk'cduqtdg" gf gdkro gupk'xg'ht,m cf cp'<sup>3</sup>/<sub>4</sub>peg'f c'hc| nc'f ghqto cu{qp'i <sup>3</sup>/<sub>4</sub>vgtf k kpkc±, c±,mto , v,t0'Hgzwtcnc'pcrk k' ncw=wnl'qtc,p,ctw,mnc'g kro g'b qf ÄÄpÄp'c| c'f , ,p,".dwpf cp'f qrc' {, 'o cñ go gpkp'g kro g'ugtvrk kpkf Ä Är." f c'c'gupgnlj'cig'i grf k kpk'i <sup>3</sup>/<sub>4</sub>vgtoc k vkt0'Vgpkrg"\*f lgrf "Utgpi j v+f g k ko k'ncw=wnl'qtc,p,ctw,mnc'cmo c" i gtrko gupk'f g'c| cm c'i <sup>3</sup>/<sub>4</sub>vgtoc k 'xg'ncw=wp"rqrko gt"o cvtkupk'g'gtpgm k'ctv,t,tngp."o cñ go gpkp" f ktpg±i ÄÄpÄf Ä Äf Ä Ä'i <sup>3</sup>/<sub>4</sub>Äo Ä vÄt0'cprk "uqpwnc,t,"J RU'kp"±g k'k'gpf Änk' g'n'wncp,o "ncprct,pc" i <sup>3</sup>/<sub>4</sub>g" <sup>3</sup>/<sub>4</sub> gm g vktkrgdrgg kpk' xg" dÄcf kgp" ncw=wnl' qtc,p,p" f q tw' c{ctrcpoc u,{nc" o cñ go gpkp" r ghqto cpu,p,p'qr vko k g'gf krgdrgg kpk'i <sup>3</sup>/<sub>4</sub>vgtoc gmgf k0'

Anahtar Kelimeler: "DÄcf kgp/Rqrkuktp"J RU'Rqrko gt."Mcw=wn"Vgtocn'xg'O gncpkn'Cprk "

#### ABSTRACT

Rqn' u'f tggp'cpf 'j ki j 'ko rcev'qn' u'f tggp'\*J RU+'ctg'y q'v'r gu'eqo o qpn' 'wug' 'co qpi 'r ncuk' b' cvtkeni' Kctgculpi 'y g'twddgt'cvk'kp"J RU'r tqf wvqp'ecwgu'iki phtcpcv'ej cpi gu'lp'y g'o gej cplecnc'pf 'y gto cñ' r tqr gt'vku'qh'y g'r qn' o gtle"o cvtkeni'Vj gug'ej cpi gu'cmqy "J RU'v'q'dg'qr vko k g'f hqt'ku'lpv'gpf gf "wug'Ök" y ku'uwf {."ej cpi gu'lp'y g'y gto cnc'pf "o gej cplecnc'r tqr gt'vku'qh'y gto qr ncuk"J RU'r qn' o gtu'qdcv'kpgf "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

d{ "o qf kh lpi "r qn{ u{ tggp"y kj "dwcflpgp"vukpi "f khtgpv'tcvku"qh'dwcf lpgp"twddgt"y gtg"lpxguki cvgf O' Vj g"qr gtcvki "eqpfkkqpu"y gtg" fvgto kpgf "y kj "vj g" Fgukip/Gzrgtv'35"ucvukmecn"rtqi tco "cpf"vj g" qdvckpgf "fcv"y gtg"gxcnvcvgf "ucvukmecn"O'K'y cu'qdugtxgf "vj cv'cu'vj g"twddgt"tcvk"lpetgcugf. "vj g"Xlcv' uqhvpgkpi "r qkv'qh'vj g"J RU'r qn{ o gt"i gpgtcm" f getgcugf O'Vj ku'ukwe vkp"uj qy u'vj cv'vj g"twddgt"rj cug" cffgf "vq'vj g"r qn{ o gt"o cvtz'tgf wegu'vj g'vj gto cni'tgukucpeg"qh'vj g"o cvgtkcn'cpf "dgi kpu'vq"uqhvpg"cv'ny gt" vgo r gtcwtgu'O'K'y cu'eqpenmf gf "vj cv'vj g"twddgt"tgf wegu'vj g'vj gto cni'tgukucpeg"qh'vj g"r qn{ o gt"o cvtz'O'K' y cu'qdugtxgf "vj cv'vj g"lpetgcukpi "twddgt"tcvk" f getgcugf "vj g"J FV"xcnvg"qh'vj g"J RU'r qn{ o gt'O'Cu'vj g" twddgt"eqvpgpv'lpetgcugu "vj g'vj gto cni'ucdkkv"cpf "j ctf pgui'qh'vj g"o cvgtkcn'f getgcugu "y j lej "o gcpu'vj cv' vj g"o cvgtkcn'y kn'f ghqto "cv'ny gt" vgo r gtcwtgu'O'Vj g"twddgt"rj cug" cffgf "vq'vj g"r qn{ u{ tggp"o cvtz" tgf wegu'vj g"mqf /ectt { lpi "ecr cekv"cpf "vj gto cni'ucdkkv"qh'vj g"o cvgtkcn'O'K'qf "K r cev'cpcn' uku'tgxgcrf" vj cv'y kj "lpetgcukpi "twddgt"eqvpgpv"vj g"o cvgtkcn'ep"eduqtd"o qtg"gpgti { "f wtkpi "ko r cev'cpf "uj qy "o qtg" f ghqto cvkqp"dghqtd"dtgcnkpi O'Hgzwtcn'cpcn' uku'uj qy gf "vj cv'cu'vj g"twddgt"eqvpgpv'lpetgcugu "vj g'hgzwtcn' o qf wnu'f getgcugu "vj gtghqtd"vj g"o cvgtkcn'u'hgzwtcn'ukhpgui'f getgcugu"cpf "k'dgeqo gu"o qtg"hgzkdr'O' Vgpukg" \*f kgr "Utgpi vj +ej cpi g'uj qy gf "c" f getgcug"lp" { kgr "utgu'cu'vj g"twddgt"eqvpgpv'lpetgcugu "cpf " k'y cu'bgp"vj cv'y j krg'vj g"twddgt"lpetgcugu'hgzkdtkv" y kj kp'vj g'r qn{ o gt"o cvtz. "k'tgf wegu'vj g"o cvgtkcn'u' tgukucpeg"utgpi vj O'Vj g"pcn' uku'tguvnu'uj qy "vj cv'J RU'ep"dg"ewuqo k gf "hqt"xctkqu"lpf wutkcn'ctgcu" cpf "vj cv'vj g"r gthqto cpeg"qh'vj g"o cvgtkcn'ep"dg"qr ko k gf "d{ "cf lwxkpi "vj g"dwcflpgp"twddgt"eqvpgpv' eqttgen{O'

**Keywords:** "Dwcf lpgp/Rqn{ u{ tggp"J RU'Rqn{ o gt."Twddgt. "Vj gto cni'cpf "O gej cplecn'Cpcn' uku"

DİJİTAL OYUNLARDA TOPLUMSAL CİNSİYETE DAYALI ŞİDDET  
GENDER-BASED VIOLENCE IN DIGITAL GAMES

Muhammed Baki HACIYUSUFOĞLU

<sup>3</sup>[*ÂmgnîNacpu*": tgpelk "Quo cpkğ g'Mqtmw'Cvc 'Opkxgt ukğuk 'Nacpu'Aw'G kko 'Gpwnk'Aw' "Ckrg"  
Fcp, ocpn, 'xg'G kko k'Cpc'Drko 'Fcn.'Quo cpkğ g.'V'Atnkğ"

<sup>3</sup>QTEK 'K' <j wr u-qlt elğ Qti İ222;/2222/925:/8536"

Zeynep TEKİN BABUÇ<sup>2</sup>"

<sup>4</sup>"F q±OFt."Quo cpkğ g'Mqtmw'Cvc 'Opkxgt ukğuk 'Uc nmiDrko rgt k'Hcn'Awğuk 'Uqu'cn'J kğ o gv'D'4Ao 'A"  
Quo cpkğ g.'V'Atnkğ"

<sup>4</sup>QTEK 'K' <j wr u-qlt elğ Qti İ222/2224/4585/5458"

ÖZET

Gpf Ântk'6Ø'f gxtko k'kg'dkrimg'f c j c'f c'j ,| rncp'f kken'f 3p'Ä 'Ao .f kken'q{ wp'gpf Ântkuklp'i grk ko kpg' ncvn'uc rco , =j go "M'Atgugn"j go "f g" {gtgn'cpico f c'f kken'q{ wprct'qncp"ki k'etwo , vt0" f kken'q{ wp' gpf Ântkuklp'g" {c cpcp'i grk o grgt."vqr nwo ucn'ekpuk' gvg'f c {cn'uvgtgqvr rgt'xg" kf f gv'qri wuw'dc rco ,pf c' f kken' q{ wp' f'Äm'Äp'Äp' kpegrpo guk' c±,u,pf cp"i gpk "cncpct" uwo cmcf ,t0' f kken' q{ wprct." {cnp,| ec" g rgepg" dkko k'qrctcn'f g gtrngpf ktko go gmğf k0' f kken' q{ wprct." dw' q{ wprct," q{pc{cp' dktg rgt' kkp' 3pgo rkuqu{cn'gvnrg ko "cncpctf ,t'xg'i gt±gnif Äp{cf cnk'vqr nwo ucn'ekpuk' gvg'f c {cn'c{t,oe," {cmc ,o rct,p' f kken' q{ wp' f Äp{cu,pc" f c" vc ,pedkf k k' i 3/4'Äo gmğf k0' Dw' dc rco f c." f kken' q{ wprctf cnk' ekpuk' gv' vgo ukrgtk "nctcmgtngtlp' Äwmpf k k' tmgnt' xg" q{ wp' kkp' gnk' gvnrng ko "dkko rgtk" vqr nwo ucn' ekpuk' gv' rgtur gmkkkpf gp" kpegrpo guk'i gtgnp' 3pgo rkuquwrt'j cnkpg'i grm k kt0'Ctc v, to crct" ncf ,prct,p' f kken' q{ wprct'qncp"ki kkp'c| ,o ucpcoc {cecn'nef ct" {Ämgn'qrf w wpw'qtvc {c"nq{ o cmcf ,t0' Cpecn'f kken' q{ wp' gpf Ântkuk'gtngn'i go gp" dk' cncp'qrctcn'i 3/4'Äo gpkp' {cp,"u,tc." q{ wprct,p' kkp' g" {gt'cncp' ±q w' i 3/4'gxkp'uvgtgqvr knqrcn'gtngmktqngtrng'krk nkgpf k k' k k' i 3/4'Äo gmğf k0'Dwpwpr' dkrimg.'ctc v, to crct" f kken'q{ wp'r rcvqto rct,pf c'nef ,prct,p' dk' f , "i twr 'Ä' guk'qrctcn'i 3/4'Äo'Är "u,m,mc'cek' "xg" kf f gvg'o ctw' " nercdkf k k' k' g'qtvc {c'hu{ o cmcf ,t0'Mcf ,prct'c {t,ec.'vgo grkf kken'q{ wprct'qncp'grngmqpknlur qt "gur qt+" cncp,pf c'f c'f Äo cpec'wwo rct'xg'cek' rgt'net ,net , {c'nercdko gmğf k0'Mcf ,p'q{ wpewrt' {c cf ,mrt," dw' vqr nwo ucn'ekpuk' gvg'f c {cn'cek' "xg" kf f gv'f vtwo rct,'kg'dc "gvo gnkkp'±g kkk'utcvglrgt'i grk vto k rgtf k0' Q{ wp'kk'ugur'uj dgwg'uguk'ner cvo c'xg{c'ugu'f g k vto g'r tqi tco rct,"mwncpoc ."nef ,p'qrif w wpw'dgnk' gvo g' gegn'hwncp,e,"cf rct,'vgtelj "gvo g.'vqr mwncp'i twr 'f gug k'cm c" {c'f c'q{ wp'±gnkro g'dw'dc "gvo g' utcvglrgtkp' 3/4'pgn'qrctcn'xgtkgdkkt0'Dw±cn, o cf c.'f kken'q{ wprctf c" {gt'cncp'vqr nwo ucn'ekpuk' gvg'f c {cn' kf f gv'p'xg'c {t,oe,n ,p'rcn'ndq{ wrcr,"dw'hwpc" {cr ,ncp'dkrko ugn'ctc v, to crct,p' kpegrpo guk' {qmw'rc' grg'cnpo cmcf ,t0'Y cn o c'ner uco ,pf c.'f kken'q{ wp'q{pc{cp'q{ wpewrt,p'q{ wp'kk'cek' "f gpg'ko rgtk" o ctw' " ncf ,mrt," c {t,oe," f cxtcp, rct" xg" dw' f cxtcp, rctrc" dc " gvo gf g" mwncpf ,mrt," utcvglrgt'g' f g kpkro gmğf k0'Dw'f gtrgo g'±cn o cu,"kg'f kken'q{ wprctf c" {gt'cncp'vqr nwo ucn'ekpuk' gvg'f c {cn' kf f gv' qri wupc" xg' f kken' q{ wp' gpf Ântkuklp'g' vqr nwo ucn' ekpuk' gv' g kkk kpg' f c {cn' q{ wp' vcut,o rct," i grk vtko guk'p' 3pgo kpg'f kmcv'±gnkro g'g'±cn ,no cmcf ,t0"

Anahtar Kelimeler: 'F kken'Q{ wp.'Vqr nwo ucn'Ekpuk' gv.' kf f gv.'Mcf ,p"

ABSTRACT

Vj g'f ki kcn'vcpuhto cvkpp'vj cv'j cu'ceegrntcvf "y kj "vj g'kpf wum { "6Ø'tgxqnwkp'j cu'eqpwtkdwgf "v'vj g' f gxgnr o gpv'qh'vj g'f ki kcn'i co g'kpf wum { "kpvgtguv'kp'f ki kcn'i co gu'j cu'kpetgcugf "dqj "i nqdcn' { "cpf "nqecm { OF gxgnr o gpw'kp'vj g'f ki kcn'i co g'kpf wum { "qhtg'y k g'ctgeu'ht'gzco kpkpi "f ki kcn'i co g'ewwrt'g"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

kp'vj g'eqpvzv'qhi gpf gt/dcugf 'uvtgqv' r gu'cpf 'xkqrpge0F ki kcn'i co gu'ctg'pqv'qpn' 'eqpukf gtgf 'cu'c'hqto " qh'gpvgtv'kpo gp0F ki kcn'i co gu'ctg'ko r q'vcpv'ctgcu'qh'uqekn'kpvtcev'kp' hqt 'kpf kxf wcu'y j q'r r' { 'vj gug' i co gu'cpf 'k'ku'uggp'vj cv'i gpf gt/dcugf 'f'k'etko kpcv'kpu'kp'vj g'tgcn'y qtrf 'ecp'cnuq'dg'ecttkgf 'qxgt'v'q'vj g' f ki kcn'i co g'y qtrf 0'kp'vj ku'eqpvzv' i gpf gt'tgr t'gugpv'kpu'kp' f ki kcn'i co gu'vj g'tqrgu'cuwo gf "d { 'vj g' ej ctcevgtu'cpf 'vj g'hqto u'qh'kpvtcev'kp'y kj kp'vj g'i co g'j cxg'dgeqo g'ko r q'vcpv'kuwgu'vj cv'pggf 'v'q'dg' gzco kpgf " hqo " c " i gpf gt" r g'ur gev'xg0 Uwf kgu' t'gxgn' vj cv' y qo gp'u' kpvtgu' kp' f ki kcn' i co gu' ku' eqpukf g'cdn' j ki j 0J qy g'xgt. "kp'cf f'k'k'kp'v'q'dg'kpi 'uggp'cu'c'o cng/f qo kpcv'g' h'k'gf . 'o qu'v'cuni'kp'i co gu' ctg'uvtgqv' r k'cm' 'cu'qekv'g'f 'y kj 'o cu'w'k'p'g't'qrgu'0Uwf kgu'cnuq't'gxgn'v'j cv'y qo gp'ctg'uggp'cu'o go dgtu' qh'ep'q'wi tqw 'qp'f ki kcn'i co g'r'rv'hqto u'cpf 'ctg'q'h'g'p' u'wdlgev'v'q'j ct'cuo gp'v'cpf 'xkqrpge0Y qo gp'ecp' cnuq'h'ceg'j qu'k'g'c'w'k'w'f gu'cpf "j ct'cuo gp'v'kp'vj g'h'k'gf "qh'g'ng'e'v'q'p'ke"ur qt'u'g'ur qt'u'v'v' y j lej "ku'dcugf "qp" f ki kcn' i co gu'0H'go cng' i co gtu'j cxg' f g'xgn'r g'f "x'ct'k'q'u' u'tc'v'gi k'gu'v'q" e'qr g' y kj "vj gug" i gpf gt/dcugf " j ct'cuo gp'v'cpf 'xkqrpge' u'k'w'c'v'k'p'u'0Gzco r ng'u'q'h'v'j gug'e'qr kpi 'u'tc'v'gi k'gu'k'p'nm'f g'w'v'p'k'pi "qh'h'v'j g'u'q'w'p'f " kp'kp'i co g'x'q'k'g'ej cv'qt'w'ul'k'pi "x'q'k'g'ej c'pi k'pi "r' t'q'i t'co u'ej q'q'ul'k'pi "u'g't'p'co gu'vj cv'y k'm'p'q'v't'g'x'gn'v'j cv' { q'w'ct'g'c'y qo cp. 'i g'v'k'pi 'i t'q'w' u'w'r r'q't'v'lt'qo 'vj g'e'qo o w'p'k'v' . 'q't' s'w'k'v'k'pi 'vj g'i co g'0V'j ku'uw'f { "gzco k'p'gu' vj g'f k'h'g't'g'p'v'f ko g'p'uk'p'u'q'h'i gpf gt/dcugf "xkqrpge" cpf "f'k'etko kpcv'k'p'kp' f ki kcn' i co gu'vj tq'w' j "vj g' gzco kpcv'k'p' qh' u'el'g'p'v'k'k'e" t'g'ug'c'tej " eq'p'f w'ev'g'f " qp" vj ku' u'wdlgev'0 Vj g' uw'f { " cf f't'g'u'g'u" vj g' kp'i co g' j ct'cuo gp'v'g'zr g't'k'p'eg'u'q'h'f ki kcn'i co g'r' r' { gtu. "vj g'f k'etko kpcv'q't { "dgj c'x'k'q't'u'v'j g' { "ctg" g'zr q'ug'f "v'q. "cpf" vj g' u'tc'v'gi k'gu'v'j g' { "w'g'v'q' e'qr g' y kj "vj gug' dgj c'x'k'q't'u'0V'j ku't'g'x'k'gy uw'f { "c'w'g'o r'w'v'q'f t'cy "c'w'g'p'v'k'p'v'q'v'j g' r j g'p'qo g'p'q'p'q'h'i gpf gt/dcugf "xkqrpge'kp'f ki kcn'i co gu'cpf 'vj g'ko r q'v'c'p'eg'q'h'f g'x'gn'r k'pi 'i co g'f g'uki pu' dcugf "qp" i gpf gt "g's w'c'k'v'f "kp'vj g'f ki kcn'i co g'k'p'f w'w' { 0'

**Keywords:** 'F ki kcn'I co g. 'I gpf gt. 'Xkqrpge. 'Y qo gp'

LİSANS ÖĞRENCİLERİNİN YER BİLİMİ OKURYAZARLIĞINA İLİŞKİN  
GÖRÜŞLERİNİN İNCELENMESİ: HATAY İLİ ÖRNEĞİ  
EXAMINING UNDERGRADUATE STUDENTS' OPINIONS ON GEOSCIENCE LITERACY:  
CASE OF HATAY PROVINCE

Güneş KESKİN ÇEVİK<sup>1</sup>

<sup>3</sup>Ft0'O gt ukp'©pkxgtukyguk'G kko 'HcnĀnguk'Hgp'Dki kuk' t gvo gprk k'O gt ukp.'VĀtnkĀ g0'

<sup>3</sup>QTEK'KF <j wr u<llqt ekĀ Qti I2222/2223/9827/69; 3"

Gökhan ÇEVİK<sup>2</sup>"

<sup>4</sup>Ct 0I 3/40" ungpf gt wp'VgnpknĀ©pkxgtukyguk'OĀj gpf kurknĀxg'Fq c'Dkko rgtk'HcnĀnguk'Rgvt qnĀxg'Fq cni'  
i c/'OĀj gpf kurk k'J cvc{.'VĀtnkĀ g0'

<sup>4</sup>QTEK'KF <j wr u<llqt ekĀ Qti I2222/2224/9977/2228"

ÖZET

[ gt" dkko k' qmwt {c| ctñ ,. " dkko ugn' f Ā Āpo g" xg" dktg{ rgtkp" r tqdngo " ±3/4 o g" dgegtkrgtkp" i grk vto g"  
c±,upf cp'3/4go rkt k0C {t,ec."f q crñhc {pcmct."f q crñchgvtg'xg'F Āp {cøp,p" {cr,u,xg'uĀtg±rktk'j cmmf c"  
dkri k'gf kpo go k' k'uc rct0[ gt"dkko k'qmwt {c| ctñ , "dw'dc mo f c."nk kgtkp" f q crñchgvtg."knko "f g k knk k"  
xg"nc {pcmĀ {3/4pgo k' i kdk'mĀt gugn' uqt wprctc "f ckt "dkkp±rk" netctret "crdkko gukp" qrcpenĀvcp,o cmcf ,t0'Dw'  
ctc vto cp,p" co ce., "ō[ gt" Dkko k' Qmwt {c| ctñ , " n±g kō" krg" 3/4 tpekrgtkp" {gt" dkko k' qmwt {c| ctñm'  
f Ā g{ rgtkp" dgrktngo gmk0 " n±gm" J cvc{ " O wuchc" Mgo cni' ©pkxgtukyguk' xg" ungpf gt wp' VgnpknĀ'  
©pkxgtukyguk' g' hctm, d3/4Āo rgtf g" 3/4 tgpko " i 3/4o gmg' qrcp" 364" rkcpu" 3/4 tpekrgtkp" w{ i wrpo , vto'  
Cte vto cf c" vctco c" {3/4pgo k' mwrp,m , vto' CperkĀ " uqpw±rct,pc" i 3/4g" 3/4n±g kp" Etqpdcej " Cric" 20 6"  
±,no , vto' Cte vto c' uqpwvwpf c. 3/4 tpekrgtkp" rkug' xg' qtvcmwif Ā g{ kpf g" {gt" dkko k'g kko k' krg' kri k' k'f' gtu"  
cm cf ,. "rkcpu' f Ā g{ kpf g' kug' dc| , d3/4Āo rgtf g" {gt" dkko k'g kko k' g" {3/4pgrknĀf gtu' crf ,mct, "i 3/4Āo Ā VĀt0'  
C {t,ec" 3/4 tpekrgt. " {gt" dkko k' qmwt {c| ctñ , p,p" i grk ko kpg" {3/4pgrknĀf gtu' dĀ{ ĀnĀgpi gmgk=kmqmwñ "qtvcqmwĀ'  
xg" rkug" 3/4 tgpko k' dq{ wpc" 3/4 tpekrgtkp" dw' nqpwrcr: "kri k'k" {gvtk' f Ā g{ f g" g kko " i 3/4o go guk" nc {pcmĀ'  
{ gvtukĀ rk k' g kko rk' xg' pkrknĀ " {gt" dkko k' nqpwrcr, pc" j cnko " 3/4 t gvo gp" { gvtukĀ rk k' xg' f g gt' cni ,rct, "krg"  
k' cf g' gvo k rgtf k0

Anahtar Kelimeler: " {gt" dkko k" {gt" dkko k' qmwt {c| ctñ ,. "rkcpu" 3/4 tpekrgtk"

ABSTRACT

I gquekpeg'rkgtce { "ku" ko r qt vpv'lp" vto u' qh' f gxgrqr kpi "uelgpv'khe" vj kpnkpi "cpf" r tqdngo /uqrxkpi "unknu"  
qh' kpf k'kf wcn0'K'cnq" r tqxkf gu'vu" y kj "kphqto cvkqp" cdqw' pcwrcn' tguqwtegu "pcwrcn' f kcuvgtu" "cpf" "vj g"  
utwewtg" "cpf" r tqeguqu' qh' vj g' Gctvj 0'K' vj ku' eqpvzv" gctvj "uelgpeg'rkgtce { "cmjy u' kpf k'kf wcn' vq" o cng"  
eqpuekvu" f gelukpu' cdqw' i mdcn' r tqdngo u' uwej "cu" pcwrcn' f kcuvgtu "erko cvg" ej cpi g. "cpf" "tguqwtg"  
o cpci go gpv0'Vj g' r wtr qug" qh' vj ku' tgugetej "ku" vq" f gvgto kpg' vj g' gctvj "uelgpeg'rkgtce { "rgxgn' qh' uwwf gpvu"  
y kj "vj g' dĀ gquekpeg' Nkgtce { "Ucrgö0'Vj g' uercg' y cu' cr r rkf "vq" 364" wpf gti tcf wcv' uwwf gpvu' uwwf { kpi "kp"  
f khtgp' v' f gr ctvo gpvu' cv' J cvc{ "O wuchc" Mgo cni' Wpkxgtuk' "cpf" " ungpf gtwp" Vgej plecn' Wpkxgtuk' {0'Vj g"  
uwxg { "o gvj qf "y cu' wugf "kp" vj g' tgugetej 0' Ceeqt f kpi "vq" vj g' cpcn' uku' tguwnu "vj g' Etqpdcej "Crij c' qh' vj g"  
uercg' y cu' 20 60' Cu' c' tguwn' qh' vj g' tgugetej . "k' y cu' uggp" vj cv' vj g' uwwf gpvu' f k' "pqv' cng" eqwtugu' tgrv' g' vq"  
i gquekpeg' g' f wcvkqp" cv' vj g' j ki j "uej qqn' cpf" o k' f r ng' uej qqn' rgxgnu "dw" vj g' { "vqnm' eqwtugu' tgrv' g' vq"  
i gquekpeg' g' f wcvkqp" kp" uqo g' f gr ctvo gpvu' cv' vj g' wpf gti tcf wcv' rgxgr0'K' cf f k' kqp. "vj g' uwwf gpvu' ucv' g' f"  
vj cv' vj g' dki i guv' qduwercu' vq" vj g' f gxgrqr o gpv' qh' i gquekpeg'rkgtce { "y gtg= vj g' { "gzt' tguugf "vj ku' y kj "vj g"  
hcv' vj cv' uwwf gpvu' f q' pqv' tgegxg' uwh' kelpv' g' f wcvkqp" qp" vj g' ugd' udlgew' f wtkpi "r tko ct { . "ugeqpf ct { "cpf"

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j ki j "uej qqr'gf vecvqp."kpuwhekgpv'tguqvtegu."kpuwhekgpv'pwo dgt"qh'gf vecvqf "cpf "s wcrk'gf "gcej gtu"  
y j q'ctg'eqo r gvgpv'kp'i gquekgpeg"uwdlgeu'cpf "vj gk'r gtegr vqp'qh'xcn'gu0'

**Keywords:** i gquekgpeg."i gquekgpeg'kgtce{."wvf gti tcf wcv'uwf gpvu

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#### ASETOFENON TÜREVİ KETONLARIN TRANSFER HİDROJENASYON REAKSİYONLARIYLA İNDİRGENMESİNDE KATALİZÖR OLARAK NİKEL FTALOSİYANİN BİLEŞİĞİNİN SENTEZİ VE KARAKTERİZASYONU SYNTHESIS AND CHARACTERIZATION OF A NICKEL PHTHALOCYANINE COMPOUND AS A CATALYST FOR THE REDUCTION OF ACETOPHENONE-DERIVED KETONES BY TRANSFER HYDROGENATION REACTIONS

Mesut NAMLI<sup>1</sup>

<sup>3</sup> tQ 3/40' Ct vxp 'Yqt wj '©pkxgt ukxguk 'V, ddk/ Ct qo c vkn' Dknkrgt 'Wfi wro c 'xg' Ctc vto c 'O gtnng/ k' Ct vxp. 'VÄtnk' gO'

<sup>3</sup> QTEK 'KF < j wru- lqt ekf Qti I222/2223/; ; 4; /243Z'''

Uğur IŞIK<sup>2</sup>

<sup>4</sup> tOI 3/40' F t0' Ct vxp 'Yqt wj '©pkxgt ukxguk 'V, ddk/ Ct qo c vkn' Dknkrgt 'Wfi wro c 'xg' Ctc vto c 'O gtnng/ k' Ct vxp. 'VÄtnk' gO'

<sup>4</sup> QTEK 'KF < j wru- lqt ekf Qti I222/2225/3232/; 785'''

Cihan KANTAR<sup>3</sup>

<sup>5</sup> Rt q10' F t0' Tgegr 'Vc { {kr 'Gtf q cp' ©pkxgt ukxguk 'Hgp/ Gf gdl' cv' Hcn' Änguk 'Mko { c 'D' / Äo Ä 'Tkl' g. 'VÄtnk' gO' <sup>5</sup> QTEK 'KF < j wru- lqt ekf Qti I222/2224/7456/29: 4'''

#### ÖZET

Hcmuk' cplp'rgt. " f 3/4v' f lko k'p'qk' qkpf qn' j cm'au, p, p" dkt'rg ko k'p'f gp" qnw cp" i gpk. " nuplwi g" dkt' ctqo c vkn' { cr, { c' ucj kr "o entqukmkn' dkt'rg kmgtf k'0' Dw' { cr, ret. "o gtnng' rgtk'p'f g' plkn' g' dcm't. "f go k' i kdk' { cm'nc , m'92" o gvrk' det, pf, tctem' netctn" nqo r' r'gm'rgt" qnw wt'w'cdk'k'0' Grgm'q'pkn' xg" qr vkn' 3/4 g'nk'ngt'k' uc { g'uk'p'f g' hcmuk' cplp'rgt. "dq' c' ucpc { k' qti cpln' { ct, "k'rgv'ng'rgt. "ugpu'3/4'rgt. "h'qv'f k'p'co kn'v'g'ter k' dkt' qn'q'kn'cm'k'x'g'g' nev'rik' 3/4' cr'p'rc't, pf c' { c' i , p' q'rc't'cn'k'p'eg'rg'p'o g'm'gf k'0' Mko { cucn' x'g' v'g'to cn'q'rc't'cn'iq'f v'm'c' h'et'ctn' q'm' cr'ct, " pgf g'p'k' r'g" t'gf q'm' t'g'cm'k' q'p'rc't, pf c' nev'rik' 3/4" q'rc't'cn' i g'p'k " wfi wro c" cr'p'rc't, " dw'w'rc't'0' V't'cp'uh'g't" j k'f t'q'lg'p'cu' { q'p' dkt' j k'f t'q'lg'p'nc' { pc , "k' q' r' q' r' cp'qn' i k'k'k' h'w'nc'p'ct'cn' h'et' d'q'p'kn' i tw' r'ct, p, p' k'p'f k'i g'p'o g'uk'p'k' uc r'ct" x'g' dw' k' r'go . " g'p'f Ä'm'k'f g'n' u'Ä't'g' r'gt'f g' { Ä'm'gn' d'cu, p'±" x'g' u, ec'm'm' ct'v'rc't, " i g't'g'm'k' g'p' o q'rg'n' Ä'rg't" j k'f t'q'lg'p'cu' { q'p' t'g'cm'k' q'p'rc't, pc' | pc' | ct'cp' f' c' j' c' i Ä'x'g'p'rk' x'g' h'up'v't'q'm' Ä' dkt' { 3/4' p'v'go "q'rc't'cn'f k'm'c'v'±'g'no g'm'gf k'0' P' kn'gn' o g'vrk' n'ko { cucn' t'g'cm'k' q'p'rc't f c' { Ä'm'gn' i'cm'k'x'g'g'k' p'gf g'p'k' r'g" u, m'c' v'g'tel'j " g'f k'rg'p' dkt' nev'rik' 3/4' Ä't'0' I g'±k' o g'vrk' q'm' cu, p'gf g'p'k' r'g" { Ä' g' { k'p'f g' t'g'cm'k' i' d'3/4' i' g'rg't' q'nw wt'ct'cn' h'ko { cucn' t'g'cm'k' q'p'rc't, p' f' c' j' , | n' i g't'±'g'm'g' o g'uk'p'k' uc r'ct'0' P' kn'gn' j k'f t'q'lg'p'cu' { q'p' i' kdk' { Ä' g' { "g'v'nk'rg ko r'k' t'g'cm'k' q'p'rc't f c' "g'v'nk'p' q'nw" dkt'±'q'n' q'ti c'p'kn' dkt'rg k' k'p' k'p'f k'i g'p'o g'uk'p'f g' m'w'nc'p, n't'0' C { t, ec. "f'k' g't' nev'rik' 3/4" o g'v'nc'ng't'k'p'g' i' 3/4' g' g'n'up'q'o kn'q'm' cu, " x'g' n'q'nc' { " dw'w'p'cd'k'k'rk' k' p'gf g'p'k' r'g" g'p'f Ä'm'k'f g' v'g'tel'j " g'f k'rk't'0' Mko { cucn' f' c' { cp, m'n , " uc { g'uk'p'f g' | q'trw' n'q' w'rc't'f c' dkt'rg" netctn , p, " n'q't'w'f' ct'cn' { g'p'k' g'p' m'w'nc'p, r'cd'k'rk't. " dw' f' c' " g'p'f Ä'm'k'f g'n' u'Ä't'g' r'gt'f g' v'g'tel'j " g'f k'ro g'uk'p'k' uc r'ct'0' P' kn'gn' hcmuk' cplp' \*P' k'Re+ dkt'rg k' k'p'f k'i g'p'o g' x'g' q'm'k'f cu' { q'p' v'gr' n'ko g'rg't'k'p'f g' h'ev'rik' 3/4" q'rc't'cn' h'w'nc'p, o r'ct, 'k'ug' i'k'v'g't'v'Ä't'f g' d'w'w'p'o cm'ef, t'0' P' k'Re'p'k' n'ko { cucn' f' c' { cp, m'n , " x'g' h'ev'rik' kn'g'v'nk'p'rk' k' net' d'q'p'kn' dkt'rg kmgt'k'p'k' k'p'f k'i g'p'o g'uk' i' kdk' k' r'go r'gt'f g' { Ä'm'gn' i' x'g't'ko " uc r'c' { cdk'k't'0' Dw' 3/4' g'nk'ngt'k' r'g' P' k'Re. " ±'g'x't'g' f' quw' x'g' u'Ä't'f Ä't' Ä'rg'd'k'rk't' n'ko { cucn' u'Ä't'g' r'gt'f g' f' g' g'rk' dkt' h'ev'rik' 3/4' q'rc't'cn' 3/4' p'g'±'nc't'0' Dw'±'cn' o' c' f' c' "c'ug'v'q'h'g'p'p' x'g' v'Ä't'g'x'rg't'k'p'k' v't'cp'uh'g't' j k'f t'q'lg'p'cu' { q'p' t'g'cm'k' q'p'rc't, { q'nw' r'c' k'p'f k'i g'p'o g'uk' k'±'p' 4/0' g'v'kn' t'g'u'q't'ul'p'qn' i' t'w'dw' k'±'gt'g'p' p'kn'gn' hcmuk' cplp' \*P' k'Re+ dkt'rg k' k'p'k'p' nev'rik' 3/4" q'rc't'cn' m'w'nc'p, o , " k'p'eg'rg'p'o k' v't'0' Y' cn, o' c' f' c' "ug'p'v'g' l' r'g'p'g'p' P' k'Re" dkt'rg k' k' "WX/ Xku "HV/ Kt" x'g' g'rg'o g'p'v'cn' c'p'rk' "v'gn'p'k'ng't'k' r'g' net'cm'g't'k' g' g'f' k'ro k' x'g'±'g' k'rk' t'g'cm'k' q'p' r'ct'co g'v't'g'rg't'k' u, ec'm'm' ±'3/4' Ä'e'Ä' h'ev'rik' 3/4' o' km'ct, +k'p'eg'rg'p'o k' v't'0'

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Gif g'gf krgp"uqpw+rct."P kRe)kp"xgtko r'k'dk"m'evnrk ¾"qrf w wpw'i ¾vgt gtgnl+gxtg'f quw'xg'uÄrf Ä Ängdkrk" nko {c'uÄtg+ngtkpf g'hwmp,o 'r qvcpu{k grkp'qtvc {c'hq{o cmcf ,t0'

**Anahtar Kelimeler:** "Hcmqk{ cplp."Vtcpuht"J kf tqlgpcu{ qp."Cugvqhgppq."P kngn"

"

#### ABSTRACT

Rj vj cmqe {cplkgu'ctg"o cetqe {erke"eqo r qwpf u'y kj "c'rti g."eqplwi cvgf "ctqo cvle"utwewtg"eqpuklpi "qh" hqwt "f klo kpqkqkpf qng"tkpi u"Vj gug"utwewtg"ecp"j quw'cdqw'92"o gvcn'uwej "cu'plengn"eqr r gt."ktqp"cv" vj gk'egpvtu"q'hqto "ucdrg'eqo r ngzgu0Vj cpml'vq"vj gk'grgestqple"cpf "qr v'ecnr tqr gt v'gu"r j vj cmqe {cplkgu' ctg" y kf gn{ "uwf kcf "kp" vj g" f {g" kpf wut {." qti cple" ugo keqpf vevqtu." ugpuqtu." r j qvqf {pco ke" vj gter {." dlqmi kecn'cevxxk{ "cpf "ecvnr uku0F wg" vq" vj gk" j ki j "ej go kecn'cpf "vj gto cni'ucdtkk{." vj g{ "tkpf" y kf g" cr r rkecvkp"cu'ecvnr uwi"kp'tgf qz"tgcevkpu0Vtcpuht"j { f tqi gpcvkqp"kp'xqrgu"vj g"tgf vevkp"qh'ectdqp{ n' i tqw u'wukpi "c"j { f tqi gp"uqwtg"\*uwej "cu'kuqr tqr cpqn"cpf "ku'c"uchgt"cpf "o qtg"eqpvtqngf "o gvj qf "vj cp" o qngewnt"j { f tqi gpcvkqp'tgcevkpu"y j lej 'tgs vktg"j ki j 'r tguwmg'cpf "vgo r gtcwgt"eqpf kkpku'kp'kpf wutken' r tqeguugu0P lengn'o gvcn'ku'c'htgs vgpvr{ 'r tghgtg' "ecvnr u'f wg"vq'ku'j ki j "cevxxk{ 'kp'ej go kecn'tgcevkpu0 Ukeg'k'ku'c'tcpukqp"o gvcn'k'etgevu'tgcevkxg'ukgu"qp'ku'utheg."cmqy kpi "ej go kecn'tgcevkpu"vq'vcng" r n'eg"hcuvgt0P lengn'ku'cevxxg"kp'utheg"kp'vtecvxg'tgcevkpu"uwej "cu"j { f tqi gpcvkqp"cpf "ku'wugf "kp"vj g" tgf vevkp"qh'o cp{ "qti cple"eqo r qwpf u0Y kj "cf f kkpq."k'ku'r tghgtg' "kp"kpf wut { "f v'vq'ku'geqppo ke"cpf " gcu{ "cxckrdkx{ "eqo r ctgf "vq"qvj gt"ecvnr u'o gvcn'0Vj cpml'vq'ku'ej go kecn'tgukvpep."k'ecp'dg'tgwugf " d{ 'o cplvcklpi 'ku'ucdtkk{ 'gxgp'wpgt"j ctuj 'eqpf kkpku"y j lej 'o cnguk'rtghgtg' "kp'kpf wutken' r tqeguugu0 Vj g"vug"qh'plengn'r j vj cmqe {cplkg" \*P kRe+"cu'c"ecvnr u'kp'tgf vevkp"cpf "qz'kf cvkp'tgcevkpu'ku'cxckrdg" kp"vj g'htgvcwtg0Vj g'ej go kecn'ucdtkk{ 'cpf 'ecvnr v'cevxxk{ 'qhP kRe'ecp'r tqxkf g"j ki j { kgrf u'kp'r tqeguugu0 uwej "cu"vj g"tgf vevkp"qh'ectdqp{ n'eqo r qwpf u0Y kj "vj gug"r tqr gt v'gu."P kRe"ucpf u'qw'cu'c"xcvcdrg" ecvnr u'kp'gpxtkqpo gpvcn{ 'htkpf n{ 'cpf "uwvckpcedrg"ej go kecn'r tqeguugu0kp"vj ku'uwf {." vj g"vug"qh'plengn' r j vj cmqe {cplkg" \*P kRe+"eqo r qwpf "eqpvcplpi "4/o gvj { n'tguqtekpqn'i tqw "cu'c"ecvnr u'ht"vj g"tgf vevkp" qh'cegvqr j gpqpg"cpf "ku'f gtxcvxgu'xlc"tcpuht"j { f tqi gpcvkqp'tgcevkpu"y cu'kpxguki cvgf 0"

Vj g" P kRe"eqo r qwpf "u'p'vj guk' gf "kp"vj g"uwf { "y cu'ej ctcevtk' gf "d{ "WX/Xku" HV/KT" cpf "grgo gpvcn' cpcn{ uku'v'ej pls vgu"cpf "xctkqu"tgcevkqp"r ctco gvgtu" \*vgo r gtcwgt."uqrgpv."co qwpv'qh'ecvnr u'w'y gtg" kpxguki cvgf 0Vj g'tguwv'qdvckpgf "uj qy "vj cv'P kRe"ku'cp"gh'ekgp'ecvnr u'."tgxgc'kpi "ku'r qv'pvcn'ht"vug" kp'gpxtkqpo gpvcn{ 'htkpf n{ 'cpf "uwvckpcedrg"ej go kum { 'r tqeguugu0

**Keywords:** "Rj vj cmqe {cplkg."Vtcpuht"J { f tqi gpcvkqp."Cegvqr j gpqpg."P lengn"

"

ABSTRACT BOOK

# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## ANTALYA'NIN BAZI ENDEMİK BİTKİLERİ SOME ENDEMIC PLANTS OF ANTALYA

Orhan Ünal<sup>1</sup>

<sup>3</sup>F q±gpvF t0'F gr ctwo gpv'qhDkqrqi {.'Hcewn' 'qhUekgpegu.'Cnf gpkl' 'Wpkxgt ukv'.'Cpvcn' c.'VÄtnk' g0'  
<sup>3</sup>QTEK 'K' <j wr u<llqtekl' Qti D222/2223/; 855/7948"

### ÖZET

Dk{ q±g kırkkn'vÄ" | gpi kırk k" {c co " | gpi kırk k" i gpgvkn'±g kırkkn'xg'gmukungo "±g kırk kırk kf k0' Cpvcn' c' kırk' VÄtnk' g0'pkl' dk{ q±g kırkkn' c±, u, pf cp" 3/4go rk' o gtnl' ntl' kpf gp" dk kf k0' Cpvcn' c' kırk' c {t, ec" gpf go kni' vÄt' demo , pf cp" f c" qrf vn±c" | gpi kırk k0' Gpf go kni' xg' pcf k" vÄt' ntl' kpf dk' kpo guk' vcp, v, m cu, "xg" ntl' wo c" cn, pc" cn, po cu, 'dk{ q±g kırk kırk kp' f gxc o, 'k±p' dÄ' Äni' 3/4go "vc , o cmcf , t0' Dwher uco , pf c' Cpvcn' c' kırk' xg' ±gxt gukl' g' dwnpcp" gpf go kni' vÄt' ntl' ctc v, t, m , v, t0' Ctc v, to c" uqpwev' gur k' gf kgp" vÄt' ntl' ±cn o cf c" uwpwro w wt0' VÄt' ntl' j cmmpf c" mnc' dki k' xg" o ctw' "neif , mct, " vj rkngrt" dgrk vko k vkt0' J , | n" pÄhu" ctv , " pgf gpkl' ng" Cpvcn' c' kırk' p' g' Dk{ q±g kırk kırk kp" ntl' wo cu, "dÄ' Äni' 3/4go "nc' cpo cmcf , t0' " | grknng" cpvqr qnl' kni' dcum" cn, pf cnk' vÄt' ntl' k' j cdkevct, "kng' dkrknng' ntl' wo cu, "dÄ' Äni' 3/4go "vc , o cmcf , t0' Uqpwe±' qrtcm' ±cn o cf c' Cpvcn' c' d' dwnpcp" gpf go kni' vÄt' ntl' xg' k' k' xg' ntl' wo cu, p, p' 3/4go k' dgrk vko k vkt0' "

**Anahtar Kelimeler:** 'Cpvcn' c. 'Gpf go kni' Dknkngtk 'Dk{ q±g kırkkn' "

### ABSTRACT

Dkqf kxgtukv' "gpeqo r cuugu" ur gelgu" tlej pguu. "nkng" tlej pguu. "i gpgvkn' f kxgtukv' . "cpf" gequ' ugo "f kxgtukv' 0' Cpvcn' c' r tqxkpeg" ku' qpg" qh' Vwtng' {öu' ng' { "egpvgtu" qh' dkqf kxgtukv' 0' K' ku' cnq" pqvcdn' "tlej "kp" gpf go ke" ur gelgu' 0' T geqi pl' kpi . "r tqo qvki . "cpf" r tqvgevkpi "gpf go ke" cpf "tctg" ur gelgu' ku' etklecn' l' hqt" vj g' eqv' kpvk' " qh' dkqf kxgtukv' 0' K' vj ku' eqv' gzv. "vj g' gpf go ke" ur gelgu' r tgu' p' v' kp' cpf "ctqwpf" "Cpvcn' c' y gtg" kpxgunki cvgf 0' Vj g' ur gelgu' kf gpv' k' g' vj tqwi j "vj g' tgu' g' t' ctg" r tgu' p' v' g' "kp" vj ku' uwf { . "cmppi" y kj "dtkgh' kphqto cvkqp" cdqw' gcej "ur gelgu" cpf "vj g' vj tgcw" vj g' { "hceg0' F wg" vq' tcr kf "r qr wrcv' kqp" i tqy vj . "vj g' r tgu' g' xcv' kqp" qh' dkqf kxgtukv' "kp" Cpvcn' c' j cu" dgeqo g' l' petgculpi n' "ko r qtvcv' 0' K' r ctv' k' vct. "k' ku' gu' g' p' v' k' n' vq' r tqv' g' vj g' j cdkev' qh' ur gelgu' v' p' gt' cpv' j' q' r' g' ple' r tgu' v' t' g' 0' K' eqpen' v' k' qp. "vj ku' uwf { 'r tqxk' gu' cp' qxgt' x' l' gy' "qh' vj g' gpf go ke" ur gelgu' kp' Cpvcn' c' cpf "go r j' c' k' gu' vj g' ko r qtvcpeg" qh' vj g' k' t' eqv' g' t' xcv' kqp0' "

**Keywords:** 'Cpvcn' c. 'Gpf go ke' Rrcpvu. 'Dkqf kxgtukv' "



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eqpf wevgf "qp"vj gug"vczc0C"r qt vqp"qh"vj g"lf gpvkhgf "o gf lekpcn'r rcpvu"ctg"gpf go ke"vq"vj g"tgi kqp0K'ku"  
etwekn'vq"ewnkxcvg"vj gug"vczc."gur gelcmf "vj g"gpf go ke"qpgu"vq"r txxgpv"vj gk"gz vpevqp"kp"pcwtg0I kxgp"  
Cpvcnf{cøi"wpks wg"geqmi lecn'eqpf kkpqu"vj cv'gpcdrng" {gct/tqwpf "ci tlewnwtcn'r tqf wevqp."ewnkxcvpi "  
o gf lekpcn'r rcpv"lqto u"eqwrf "uki pkklecpvf "eqptkdwg"vq"Vwtng{)i'ci tlewnwtcn'r tqf wevkvf "cpf "gzzr qtV"  
ecr cekf0

**Keywords**<Cpvcnf c.'O gf lekpcn'Rcpvu."P cwtcn'Hqto ."Ewnkxcvgf "Hqto "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ECONOMIC LOSSES DUE TO KETOSIS IN DAIRY CATTLE

Mehmet KÜÇÜKOFLAZ<sup>1</sup>, Aleyna Kübra AYDIN<sup>2</sup>, Can İsmail ZAMAN<sup>3</sup>, Erol AYDIN<sup>4</sup>

<sup>3</sup>Me hmc u'Wpkxgt ukş. 'Hcewnş 'qhlXgvgı kpcı { 'O gf kelpg. 'F gr ct wo gpv'qhlCpko cııJ gcnj 'Geqpqo keu'cşf " O cpcı go gpv. 'Mct u. 'VĀtnkş g. 'Qt elş "KF <2222/2225/5478/6957"

<sup>4</sup>Me hmc u'Wpkxgt ukş. 'Hcewnş 'qhlXgvgı kpcı { 'O gf kelpg. 'F gr ct wo gpv'qhlCpko cııJ gcnj 'Geqpqo keu'cşf " O cpcı go gpv. 'Mct u. 'VĀtnkş g. 'Qt elş "KF <222; /2229/525; /8: 56'Vgn<2"

<sup>5</sup>Me hmc u'Wpkxgt ukş. 'Hcewnş 'qhlXgvgı kpcı { 'O gf kelpg. 'F gr ct wo gpv'qhlCpko cııJ gcnj 'Geqpqo keu'cşf " O cpcı go gpv. 'Mct u. 'VĀtnkş g. 'Qt elş "KF <222; /2229/3524/3398"

<sup>6</sup>Me hmc u'Wpkxgt ukş. 'Hcewnş 'qhlXgvgı kpcı { 'O gf kelpg. 'F gr ct wo gpv'qhlCpko cııJ gcnj 'Geqpqo keu'cşf " O cpcı go gpv. 'Mct u. 'VĀtnkş g. '2222/2223/: 649/787: "

"

#### ABSTRACT

Mgvquku'ku'c"o gvcđqrle" f kugcug"vj cv'ecwugu'uki pñkecpv'geqpqo ke"ñquugu'kp" f ckt { "ecwrg"r quwr ctwo . 'y kj " ko r cktgf "ectdqj { f tcvg"cpf "xqrvkng"rcwş "celk" "o gvcđqrko "ñngvppg"dqf lgu'wej "cu'cegvccegcvg. 'DJ DC. " cegvppg'kpetgcug"cpf "i nvequg'ngxgn" f getgcug-0K'ku' f kxkş gf "kpq"vy q'erñkecñ'cşf "uđerñkecñ'ngvquku'0Vj g" r tğxcnpeg'qñ'erñkecñ'cşf "uđerñkecñ'ngvquku'kp"vj g'y qtrf "ku'206/37' "cpf "308/82' . 'tğr gevşgn{ 0Y j kğ" f getgcugf "cr r gvkg. "ñqu"qñ'dqf { "eqpf kşqp"ueqtg. "f getgcugf "o km' { kğf . "cpf "pgwtqñj kecn/dğj cşkqwtcñ" f kuqtf gtu'ctg"qdugtşgf "kp'erñkecñ'ngvquku. "p'q'erñkecñ'kp'kp' u'ctg"qdugtşgf "kp'uđerñkecñ'ngvquku. "cpf "cp" kpetgcug"kp"ngvppg"dqf lgu'ku'qdugtşgf "kp"dnqşf . "wtkpg. "cpf "o km'0DJ DC"ngxgn"j ki j gt "vj cp"304"o o qñlf n' ctg" f gñkğf "cu'uđerñkecñ'ngvquku. "cpf "ngxgn"i tğcvt"vj cp"5"o o qñlf n'ctg" f gñkğf "cu'erñkecñ'ngvquku'0K' wuwmş "qeewtu'vqi gj gt 'y kj " f kugcugu'wej "cu'ngvquku. "cdqo cuwo " f kur ncego gpv. 'j { r qecrego kc. 'rcu kpkku. " o cukku "o gvkku. "cpf "tgvppkq"ugewpf kpcıwo 0Mgvquku"ecwugu'geqpqo ke"ñquugu'wej "cu'vtgcvo gpv'equu" \*o gf kelpg. "xgvgı kpcıkp. "rcđqwt+ 'r tqf vevkqp"ñqu"şf getgcug"kp"o km"o gcv'cşf "hgt vkvş. "gve0"cpf "cpko cıı" f gcvj u'0Vj g'equ'qñ'vtgcvo gpv'f vg'v'ngvquku'ku'p3: /33; 8. 'r tqf vevkqp"ñquugu'ctg"p38; /4366. "cpko cııñquugu" ctg"p672/3333. "qyj gt " f kugcug"equu"ctg"p448/: 57. "cpf "vj g" vqvcñ'ñqu" xctkgu" dgvy ggp" p583/95930 kş" eqpenwukp. "ngvquku"ecwugu"j vi g"geqpqo ke"ñquugu'kp"gpvtr tkug"geqpqo lgu'0kş"qtf gt "vq" r tğxgpv'vj ku'ñqu. " ectg"o wu'dg"vcnpg"vq"gpwıtg"vj cv' f ckt { "ecwrg"ctg'hğf "y kj "cr r tqf tkvg'tcvkpu0"

**Keywords:** Erñkecñ "F ckt { "ecwrg. "Geqpqo ke"ñqu. "Mgvquku. "Uđerñkecñ

""

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### YAĞ VE YAKIT ŞARTLANDIRMASININ FARKLI DOLGULARLA TAKVİYELENDİRİLMİŞ DOĞAL KAUCUĞUN ÖZELLİKLERİNE ETKİSİ EFFECT OF OIL AND FUEL CONDITIONING ON THE PROPERTIES OF NATURAL RUBBER REINFORCED WITH DIFFERENT FILLERS

Ezgi ÇELİK GÜNEY<sup>1</sup>

<sup>3</sup>Ctc v, to ce., "Mqec grk"©pkxgt ukvguk: "Hgp "Dtko rgt k'GpukãAuã "Rrko gt "Dtko k'xg"Vgnpqrlkuk "Mqec grk" VÃtnkfgO'

<sup>3</sup>QTEKF "KF <j wr u-llqtekf Qti I222; /222; /35: 4/78; 9"

Onur ÇOBAN<sup>2</sup>"

<sup>4</sup>"Rt ql0F t0 "Mqec grk"©pkxgt ukvguk: "J cxce, nmlxg" Wj c{ "Dtko rgt k' Hc nãrvguk "W±c mlI ¾af g'xg" O qvqt "Dc mo . ." Mqec grk "VÃtnkfgO'

<sup>4</sup>QTEKF "KF <j wr u-llqtekf Qti I2222/2224/: ; 87/567; "

#### ÖZET

U,x, "kg"vgo cu, "uqpwev" k o g'uc r c{ cp"nēwēwni"ÃÄprgtk"kp ccv'u, | f, to c| nniw|i wco crct, pf c. "dqt wrctf c" uw' u, | ,pv,u,p, p" ¾prgo guk' i kdk' w| i wco crctf c" k'k' dkt' u, | f, to c| " o cñ go g" ¾ grk k' i ¾vgtgdktk' O' Dkt' j kf tqnetdqp" ±¾ ÆãÄ rē"vgo cu" gwkmgt kpf g'f g'vgo cu" pqmēu, pf c' o cñ go gpkp" i ggo gvtknīdq{ wrct, pf c' dkt' ctv, c' pgf gp' qirp" k o g' uqpwev' nēwēwni o cñ go g' hgpf khgpf kpkk' kg vkt o g' uãt geki ¾vgtgdktk' OI gpgnkmg' nēwēwni. " dgp| gt" nko { cucn' { cr, { c" ucj kr " qrf wnet, " u, x, rctc" o ctw' " nēf, mct, pf c' f c j c" hc| rē" k gtgt O' " tpg kp. " f q cñ nēwēwni" \*pcwctn' twddgt/ P T + " cr qrt" j kf tqnetdqp" { cr, u, " pgf gpk' rē" j kf tqnetdqp" { c " xg" ±¾ ÆãÄ rē" kēgtkulpf g'gp" { Æmgn' k o g' qtc p, p, " i ¾vgtkngp. " mqtqr tgp" nēwēwni" \*ej nqtqr tgp" twddgt/ ET + " i kdk' f c j c" r qrt" nēwēwni" { c rctf c" k o g' g' net , " f c j c" hc| rē" f k gp ± i ¾vgtkrt O' F q cñ nēwēw w p' nqr { " grf g' gf kēgdktk' qt" qm cu, " xg" ugpvgkñi nēwēwni c" i ¾ g' w| i w p' hē c vñ " qm cu, " ugdgdk' kg" k o g' ¾ grk kpkp" cxcpcvcl' uc r c{ cdkēgēg k' u, | f, to c| nniw' xg{ c" ngpf k' ngpf k' { gpkēg{ gdko g" ¾ grk k' k' ugp' w| i wco crctf c" vgtēj " ugdgdk' qm dktk' O' Hē nēv' nēwēwni' { Æmgn' qtc pf c" u, x, " go f k kpf g. " dwpē" dē n" qrtēcn' f c" o cñ go gf g" o gnēpkñi' r gthqto cpu' cpico , pf c" nē { , r nct" { c cpedktk' O' J go " o cñ go gpkp" o gnēpkñi' r gthqto cpu, p, p" k' kg vktro guk' j go " f g' f q cñ nēwēw w p' u, x, " c m c' nē c ukvguklp" ctv, t, m cu, kēp' f qñi w' cñk' g' o cñ go grgtk' vgtēj " gf kō gmēg k' O' Dw' ugdgr rē" ±cn, o cf c' f ¾ v' hctm " f qñi w' o cñ go guk' " \*nētdqp" uk' c j . " nēnk. " ukñē. " ugnwq| +c t, n, mēc" { Æ f g' : " qtc p, pf c' f q cñ nēwēwni dē c' n' tē g' v g' kēgtkulp' g' c { t, c { t, " cñk' g' gf kō k' xg' hctm " j kf tqnetdqp" ±¾ ÆãÄ rē" v' { cmv, " o qvqt k p. " { c + " ctvē pf, to crct, pf c" k o g' ¾ grk mgtkpkp" \*j ceko " xg' c , tñm' f g k kō k' ÆãÄ rē" { cp, " u, tē" o gnēpkñi' r gthqto cpurct, " \*±gnō g' v g' kē" nēc , rē v t, m , v t O' P wo w pgrgtk' v g u' uqpwēnct, " f g gtrgp' k k f k kpf g. " { c " o ctw' k' gw' uqptcu, " pwo w pgrgtf g' i ¾ rē" i ¾ ÆãÄ rē" hctmēc" qñw o c| ngp. " { cmv' o ctw' k' gw' uqptcu, " hēnk' f qñi w w p w p' f k gt' f qñi w rctē' m { cur' f c j c' f k gp ± k' qf w w' v g r k' g' f kō k' vkt O' Anahtar Kelimeler: " f q cñ nēwēwni" f qñi w' o cñ go guk' j ceko " f g k kō k" k o g. " { c " xg" { cmv' ctvē pf, to cu, "

#### ABSTRACT

T wddgt' r tqf wew' v j cv' g z j kdk' u y gmkpi " w r qp' eqpcev' y kj " h s w k f u' ecp' ugt xg' cu' ghēgē v k g' u g cñ k p i " o c v g t k c n i " k p " x c t k q w i " c r r nē c v k p u. " u w e j " c u' e q p u t w e v k a p " y c v g r t q q h k p i " c p f " v j g' r t g x g p v k a p " q h' y c v g t " r g c n e i g' k p " r k r g n p g u O' Y j g p " v j g u g " o c v g t k c n i " e q o g " k p v q' e q p c e v' y k j " c " j { f t q e c t d q p " u q r x g p v. " v j g' t g u w n k p i " u y g r k p i " y j k e j " r g c f u' v q' c p " k p e t g c u g' k p " v j g' i g q o g v t k e " f k o g p u k p u " q h' v j g' o c v g t k c n i " c v' v j g' e q p c e v' r q l p v' g p c d r g u' v j g' t w d d g t " v q' w p f g t i q' c " u g n i' j g c r k p i " r t q e g u O' k p' i g p g t c n' t w d d g t u' v g p f " v q' u y g m i o q t g' y j g p' g z r q u g f " v q' h s w k f u' y k j " u k o k r c t " e j g o k e c n i u t w e w t g u O' H q t " g z c o r r g. " f w g' v q' k u' p a p / r q r c t " j { f t q e c t d q p " u t w e w t g. " p c w t c r i t w d d g t "

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\*P T +f go qputcvgu"vj g"j ki j guv"uy gmkpi "tcvg"kp"j {f tqectdqp"qkn"cpf "uqkxgpw"y j gtgcu"o qtg"r qmrt" twddgtu"uwej "cu"ej mtqr tpgg"twddgt"ET+,"gzj kdk"i tgcvtg"tgukucpeg"vq"uy gmkpi "kp"qkn0Vj g"gcug"qh" ceegu"cpf "my gt"equ"qh"pcwtcn"twddgt"eqo r ctgf "v"u{p vj gke"twddgtu"o cng"kv"r tghgtgf "ej qkeg"kp" cr r necvapu"y j gtg"ku"uy gmkpi "r tqr gt vgu"eqwf "qhtg"cp"cf xcpvi g."uwej "cu"kp"ugcnkpi "qt"ugm"ugcnkpi " cr r necvapu0J qy gxgt."y j gp"twddgt"cdutdu"rti g"co qwpv"qh"rks wkf."k'o c{"gztgkpeg"o gej cplecn" r gthqto cpeg"muugu0Hkmt"tgkphqtego gpv'o cvgtkcn"ctg"eqo o qpn" wuf "v"ko r tqxg"dqj "vj g"o gej cplecn" r gthqto cpeg"qh"vj g"o cvgtkcn"cpf "vj g"rks wkf "cduttr vqp"ecr cekf "qh"pcwtcn"twddgt0Kp"vj ku"uwf {"hwt" f khtgppvHkmt"o cvgtkcn"ectdqp"dr'em'ecrekq."ukdec."cpf "egmraqv+y gtg"kp kxk wcmf "kpeqr qtcvgf "kpq" c"pcwtcn"twddgt"dcugf "eqo r qwpf "cv"tcvg"qh": ' "d{"y gli j v."cpf "vj gk"uy gmkpi "r tqr gt vgu"y gli j v"cpf " xqno g"ej cpi g+"cpf "o gej cplecn"r gthqto cpeg"v'gpukg+y gtg"eqo r ctgf "wvf gt" f khtgpp"j {f tqectdqp" uqkxgpv'eqpf kkpki 0Y j gp"gxcmv'kpi "vj g"guv'tguv'm'qh"vj g'uco r ngu"kv'y cu'qduxtg"vj cv'vj gtg'y gtg'pq" xkukng" f khtgpegu"kp"vj g'uco r ngu"chgt"qkn'gzt qumt g0J qy gxgt."chgt"hwgn'gzt qumt g."kv'y cu'f gvtg o kpgf " vj cv'ecrekq"gzj kdkgf "i tgcvtg"tgukucpeg"eqo r ctgf "v"qvj gt"Hkmtu0

**Keywords:** "pcwtcn"twddgt."Hkmt."xqno g"ej cpi g."uy gmkpi ."qkn'xg'hwgn'eqpf kkpki "

**III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE**

**CERRAHİ DUMAN VE ETKİLERİ  
SURGICAL SMOKE AND IT'S EFFECTS**

*Seher GÜRDİL YILMAZ<sup>1</sup>*

<sup>1</sup>Fı0\* tgvko ©{guk"Ogtukp"©pkxgtukguk"J go ktgrnİHcñÅnguk"Ogtukp"VÃtnk{g"

<sup>3</sup>QTEK"KF <j wru<llqtelq Qti I2222/2223/874: /; 66: "

**ÖZET**

Eggtcej k'vgnpknmgtp"i grk o guk'kg"dkrkmg."eggtcej kf g'mwncp,ncp"ctc±"i gtg±ngt"f g'dwpc"wf wo "uc nc{cecni'gnkf g'j} | n'dk'i grk ko "i ¼ngto k vkt0¥q w'eggtcej k'k ngo "utcu,pcf c'f kugnik{qp'xg{c'j} go quvc| , "uc nco cni' co ce, {nc"j cuwcp,p"fqmwmpfc",u, "Ågvpp"ekj c| nct"mwncp,m cmcfc,t0'Egttcj k'f wo cp"co grk{evj cpgrgtf g'mwncp,ncp"dw'gpgtlk'dcl n"ekj c| nct,p"fqmwncp,"vgto cni' {,mo c"wtcwo cu,"uqpwew"j cxc{c"ucncp"i c| "dwmwv v0' Mqvgt" f wo cp," f wo cp" dwmwv" cgtquqn" dk'qcgtquqn" i kdk' ±g krk' kuko rgtig" cf rcpf,t,ncdko gmgf kt0' ; 7dk' uw' qncp" eggtcej k'f wo cp,p." " 7dkn' mo , " kug" ¾Å" xg" ecpn" j Åetgugni' o cvgt {cmgtf gp."ncp"rct±cncr,."xk Åu"dcmgtk'xg"qmknİ"i c| nctf cp"o g{fcpc"i gm gmgf kt0" C {f,p" xg"ctn0' 4246=O etc "xg"ctn0'4244=Metco cp" | nÅ"xg"ctn0'4246=K,nİxg"ctn0'4242+0'Egttcj k'f wo cp."Co gtnkc"p" Eggtcej k'xg"Co grk{evj cpj"J go kgrgtk'Fgtpg k'vctch,pcf cp"co grk{evj cpgrgtf g'j Åxgprk±cn o c"qtwo .p," gvnkrg{gp'niko {cucn'ikungtf gp"dk'k'qrcnci'dkf ktko k vkt0'Dg " o "xg{c'fcj c"dÅ{Ånİr ctvknÅngt"dwtwp" xg" qtlqhtkpi gcnİf wctncf c"dk'knkngp."4/7" o "ctcu,pcf cni'r ctvknÅngt"j cxc" {qncr,pc'ncf ct"wrc o cmcfc,t0' Eggtcej k'f wo cp,p" k'vcp g'dwncp"r ctvknÅngt"co grk{evj cpgrgtf g'±cn cp"gnkdkp"uc n .p,"qmo uw "qrcnci' gvnkrg{gdko gmgf kt0' C {f,p" xg" ctn0'p,p" \*4243+ {cr v, , " ±cn o cf c" eggtcej k'f wo cpc" o ctw " nncp" co grk{evj cpj"±cn cprct,p,p" " 69.: d'pf g'dc c t,u." 57.: d'pf g'dwncp,v." 53.5d'p g'dq c| f c" {cpo c'xg" ¾nuÅÅm" " ' 4; .: d'wpf c" i ¾ " kg" ki krk' uqtwncr" i ¾ Åf Å Å' dlf ktko k vkt0' Dwvwp" {cp,pf c" uqncpw " r tqdrgo rgtk"f gtpcvk."cprct,pc"gnk{gvg"i ¾ Åf Å Å' Å' k'f g"gf gp"uc nni'±cn cprct,"f c" o gxewww0"O etc "xg" ctn0'4244+±cn o cu,pcf c"fc" dgp| gt" gnkf g'eggtcej k'f wo cpc"o ctw "nncp"co grk{evj cpj"±cn cprct,p,p" ' 99.7d'p|dc "c t,u." 62d,p,p"¾nuÅÅm" " 57d'p| o kf g'dwncp,v,u." 52d'pwp"i ¾ rgtf g'uwncp c'xg" uqncpw "r tqdrgo rgtk'{c cf , , "dgrk vkn k vkt0'NkvgtcvÅf g'dw'i kdk'qmo uw "gvnkrgk'qtw{c"nq{cp"dk'±qni' ±cn o c"¾pg k'o gxewww" C {f,p"4243=F kno gp" C {f,p" xg"ctn0'4246."¥ cmj" | o gp'xg"ctnİ423; +0W wp" xcf gf g'kug'f cj c'ekf k'uc nni'r tqdrgo rgtk'p'qtw{c"±,ncdckregc k'pg'krk nkp"i ¾ Å ngt'xctf,t0'Dw'pgf gprg" uc nni'r tqdrgo rgtk'p'pgf gp'qncp."uc nni'±cn cprct,p,p"i Åxgprk±cn o c"qtwo .p,"gvnkrg{gp'c{t,ec'eggtcej k' uÅgk'p'f g'i Åxgprk k'p'g'i ¾ i g'f Å Å'gdckregm"¾ gnk g'ucj k' d'w'gvngpg" {¾pgknİ gtgnk'¾prgo rgtk'±ncp o cu," qf vnc'¾prgo rkt k0'dw'dc nco f'c'eggtcej k'f wo cpc" {¾pgknİco grk{evj cpj"±cn cprct,p,p" dki k'p'p' ktko guk" htncpfcni' i grk vtko guk" vcj rkl'g" ukungo rgtk'p'p" qnw wtw wo cu," dkt g'ugni' nqt w'vew' gnkr o cprct,p" mwncp,m cu," xg" eggtcej k'f wo cpc" {¾pgknİ r tqvqngngt"p" qnw wtw wo cu," cn,pcdkregcni'¾prgo rgt'ctcu,pcf c" uc { ,ncdkk" Mcpfc "4245=Metco cp" | nÅ"xg"ctn0'4244=O etc "xg"ctn0'4244=C {f,p" xg"ctn0'4243=C v c" Fq { ce,"4243=K,nİxg"ctn0'4242+0"

**Anahtar Kelimeler** <Eggtcej k'f wo cp."hqvt'f wo cp,."dk'qcgtquqn"

**ABSTRACT**

Cu'lwti kecnİvej plsvguj cxg'f g'ggrg gf . 'y g'gs wr o gpv'wugf 'kp'lwti gt { 'j cu'lcuq'gxqrgf 'tr kf n' 'vq' b cvej O' F wtkpi "o qu'lwti kecnİr tqegf vtgu' f gxlegu'v' cv'i gpgtvc'j gcv'lp'v'j g'r cvk'p'v'v'kuung"ctg" wugf "vq'r tqxkf g' f kugev'kp"qt"j go quvcukU'lwti kecnİuo qng"ku" c"i cu'emwf "tgrgcugf "kp'v'v'j g'ct"cu" c"t'guwv"qh"v'j gto cni' f gunt vev'qp'qh'kuungu'd' 'v' g'g'gpgti { /dcugf 'f gxlegu'wugf 'kp'qr gtcv'pi 'tqo u0'K'ecp'dg'ecngf 'd' {xctkqwu' pco gu'uwej 'cu'ecwgt { 'uo qng.'uo qng'emwf .cgtquqn"dk'qcgtquqnU'lwti kecnİuo qng"ku"; 7' "y cvgt.'cpf 'v'j g' tgo cl'pki '7' "eqpuku'qh'f gcf 'cpf 'ix'kpi "egmwncr"o cvgtkcu."dqf 'r ctvngu'xk'wugu'dcevgtk'cpf 'vzle"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

i cugu\*C {f ,p"gv'cn04246=O etc "gv'cn04244=Mctco cp" | nÃ'gv'cn04246=K,m'gv'cn04242=Uwti kecn'uo qng" j cu'dggp'tgr qtvgf "d{ "vj g"Co gtecp"Cuqekcvkp"qh'Uwti kecn'cpf "Qr gtecvpi "Tqqo "P wtugu'cu'qpg"qh'vj g" ej go kecn'tkumi'chgecvpi "vj g'uchg'y qtnkpi "gpxktqpo gpv'kp"qr gtecvpi "tqqo u0Rctvlegu'qh'7" o "qt'rcti gt" ceewo wrcv'qp'vj g'pucn'cpf "qtqr j ct {pi gcnly cmu."y j kg'r ctvlegu'dgy ggp'4'cpf "7" o "tgcej "vj g'ckty c{u0 Rctvlegu'hqwpf "kp'wti kecn'uo qng"ecp"pgi cvkxgn{ "chgecv'vj g'j gcnj "qh'vj g'vgo "y qtnkpi "kp'vj g'qr gtecvpi " tqqo 0'kp"vj g'uwf { "eqpf vevgf "d{ "C {f ,p"gv'cn0\*4243+ "k'y cu'tgr qtvgf "vj cv'690 " "qh'qr gtecvpi "tqqo " y qtngtu'gzzr qugf "vq'wti kecn'uo qng"j cf "j gcf cej g."570 " "j cf "pcwugc."530 " "j cf "dwtkpi "kp'vj g'vj tqcv" cpf "eqwi j ."cpf "4; 0 " "j cf "g{g'r tqdngo u0'kp"cf f kkkp."vj gte'ctg"j gcnj ectg'r tqhgukqpcni'y j q'ucv'vj cv' tgr ktcvqt { 'r tqdngo u f gto cvkku'cpf 'cpzkgv'ctg'qdugtxgf 0Uko krcn{ . 'kp'vj g'uwf { 'd{ 'O etc "gv'cn0\*4244+ " k'y cu'ucv'vj "vj cv'990" "qh'vj g'qr gtecvpi "tqqo "y qtngtu'gzzr qugf "vq'wti kecn'uo qng"gzr gte'ctg"j gcf cej g." 62" "gzr gte'ctg"j eqwi j ."57" "gzr gte'ctg"j pcwugc."52" "gzr gte'ctg"j y cvgt { "g{gu'cpf "tgr ktcvqt { " r tqdngo u0'vj gte'ctg'b cp{ "uwf { "gzco r ngul'vj g'htgctwtg'vj cv'tgxcn'uwj "pgi cvkxg'ghgevu"C {f ,p"4243= F kno gp"C {f ,p"gv'cn04246."¥ cmt" | o gp"gv'cn0423; +0'vj gte'ctg'xkgy u'vj cv'k'o c { "ecwug"o qtg'ugtkqwu" j gcnj 'r tqdngo u'kp'vj g'htpi "vgo 0'vj gte'ctg'g'k'k'xgt { 'ko r qtvcv'v'v'cng'vj g'pgeguuct { 'r tgecvkqpu'ci ckvu' vj ku' hcevtq." y j lej " ecwugu" j gcnj " r tqdngo u " chgevu" vj g" uchg" y qtnkpi " gpxktqpo gpv' qh' j gcnj ectg" r tqhgukqpcni'cpf "ecp'cnq"eqo r tqo lug'vj g'uchgv' "qh'vj g'wti kecn'r tqegu0'kp"vj ku"eqpvz."kphqto kpi " qr gtecvpi "tqqo "uch'cdqw'wti kecn'uo qng."tckupi "cy ctgpguu"gu'cdriku' kpi "gxcv'cvkqpu"u'vgo u "wukpi " kpf kxf wcn'r tqv'v'v'g'gs wkr o gpv."cpf "gu'cdriku' kpi "r tqv'eqni'htq'wti kecn'uo qng"ecp'dg"eqwv'v'v'co qpi " vj g'r tgecvkqpu'vj cv'ecp'dg'v'cngp"Mc'p'cu'4245=Mctco cp"Q| nw'gv'cn04244=O ctcu'gv'cn04244=C {f kp'gv' cn04243=Cv { "F q{ i cek'4243=K,m'gv'cn04242=0

**Keywords:** "Uwti kecn'uo qng."ecwug{ "uo qng."dkqcg'ctquqn"

#### KAYNAKLAR

.. | nÃ" \ 0' MD" Ctcu." I 0' W0" ( " Dc{ tcm" C0' \*4244+0' Co grk{ cvj cpgf gnk' i ¾Ãpo g| " vj rlng< Egttcj k' f wo cp0' C t kx' M{ p'cn'Vctco c 'F gti kuk' 53\*3+ '32/360

Mcpf c . "G0\*4245+0' Co grk{ cvj cpg'¥ cn cp'rt,p,p' Egttcj k' F wo cpc' O ctw' " M'cm cu, 'xg' Hctmpf cnmct, p,p' F g gtr'p'f ktko guk< Co grk{ cvj cpg' ¥ cn cp'rt,p,p' Egttcj k' F wo cpc" O ctw' " M'cm cu, 0' Lqwt' p'cn' qh' 7P3S wcrk'f . "3\*4+ '323/32: 0'

F kno gp"C {f ,p" [ . "I Ãm'p" C. Mtv, n' 0' Egttcj k' f wo cp< Co grk{ cvj cpgf g'±cn cp'uc n'm'r tqhgu' qpgmgt'kpg' gvnkuk' xg' cn'p'p' ¾prgo rgtk' k' p'egngpo gu'0' Ue n'm'xg' [ c co " Dkko rgtk' F gti kuk' 4246-8\*3+62/6900 cnerg' VÃÃ" | i Ãp' Ctc v, to c"

K, m' U' C0" ( " Cddcu' nw" C0' \*4242+0' Egttcj k' f wo cp. " gvnk' rgtk' xg' ¾prgo rgt' 0' Dc ngpv' / 0' p' kxgt' uk' guk' Ue n'm' Dkko rgt k' Hcn' Anguk' F gti kuk' 7\*4+ '376/3850

C {f ,p. " P0' M' c. " W0" ( " Fcn [ , m c | . " ©0\*4243+0' Egttcj k' f wo cp, p' co grk{ cvj cpg' ±cn cp'rt, p' c' gvnkuk' 0' Dc v, " Mctcf gpk' / V, r ' F gti kuk' 7\*3+ : 2/ : 70'

Cw{ F q{ ce. " C0I 0' F q cp. " C0" | j cp' Grc . " P0" ( " | j cp. " C0\*4243+0' Co grk{ cvj cpgf g'¥ cn cp' Ue n'm' Rtqhu' qpgmgt' k' p' Egttcj k' F wo cp, p' " T' kumgt' k' xg' Mqt' w' vew" prgo rgtk' p' [ ¾prgri' m' I ¾Ã rgtk' < P k' gni' Dk' ¥ cn o c0' Vwt' nk' g' M' k' p' k' mgt' k' Lqwt' p' cn' qh' Pwt' uk' pi " Ue k' p' egu. " 35\*5+0'

.. | o gp. " I 0' ¥ 0' Ugr lek " C0" ko gm " R0' Dmw. " G0' ¥ k' kpi kt. " F0" ( " Mctckuo ckn' nw' F0' Co grk{ cvj cpgf g' ¥ cn cp' Ue n'm' Rgtu' qpgmgt' k' p' Egttcj k' F wo cpc' p' Mqt' wpo c { c" rknk' " C' r f , mct, " .. prgo rgtk' p' F g gtr'p'f ktko guk' 0' W' wurt' ctcu, " J go k' g' rkn' g' [ cmc , o rct' M' qpi tguk' 42/44' J c| k' cp' 423; 0' Gt| wto "

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GÜVENLİ CERRAHİ KONTROL LİSTESİNİN CERRAHİ SÜREÇTEKİ ÖNEMİ  
THE IMPORTANCE IN THE SURGICAL PROCESS OF SAFE SURGERY CHECKLIST

Seher GÜRDİL YILMAZ<sup>1</sup>

<sup>1</sup>Fı0 tgvko ©{guk'Ogtukp'©pkxgtukguk'J go ktgrknlHcnÄnguk'Ogtukp'VÄtnk{g''

<sup>3</sup>QTEKF "KF <j wr u<lqt ekf Qti l2222/2223/874: /; 66: "

ÖZET

pucpf cp" dgmppgp" {c co "uÄtguklpk" w co cu." vgnpqrlkpk" i grk o guk" egttcj k' vgf cxk' ug+gpgmgtkpk" ctwo cu,"i kdk'pgf gprtg"dc n"qrctcm"i ÄpÄo Ä f g"i gt+gmg vktkpg"egttcj k'i ktk ko "uc {,rcf,"f c"ctvo , vt0' VÄtnk{g"Uc nml'ucvuk k' [ ,m , "xgtkgtkpg"i ¾g"4244" {,n,pf c"VÄtnk{gof g"vqr rco "7099026; "co grk{cv" i gt+gmg vktko k vkt\*Uc nml'ucvuk k' [ ,m , "4244+0 P g" {c| ,ml'nk' dw'ctv, rc"dkrkmg" egttcj k' uÄtg+g" o g{f cpc" i gpgp" nqo r rkneuf qprct,p" i ¾Äro g" qtcprct,pf c" f c" ctvo c" i ¾g" ±ctro cmcf ,t0' Uc nml' j k o vngtkpk'vgo gnl' tgpuk rgtkpf gp'dktk' ctct'xgto g'kmguk'kt0'Dw'dc rco f c'F Äp{c'Uc nml' ti ÄVÄ4229/ 422: "{,rcf,"ctcu,pf c"öI Äxgprk'Egttcj k'J c{cv'Mwtct,tö'r tqlguk'kpg"egttcj kf g"j cuvc"i Äxgprk kpg"f kmcv' ±gmo k vkt\*FU' -0I Äxgprk'egttcj k'nk kpk"j cuvcpg{g" {cv, ,pf cp'vcdweww vpc'ncf ct"qncp'egttcj k'uÄtg±' k-egtukpf g."j cuvc {, "qmw cdkrgegn'v,ddk'j cvrcct'xg"i grk gdkrgegn'nqo r rkneuf qprctc'net , "nqtwo cni' {c'f c" j cvrcct, "gp"cl c" kpf kto gni'qrctcm'vcp,o rncpdkk\*Ecpf c. "I Ätuq{ "4237+0Dw'ner uco f c" F Äp{c'Uc nml' " ti ÄVÄ' vtch,pf cp" i Äxgprk' egttcj k' nupvtqn' rkuguk' qmw wt wrctcm' j gt" Ängpkp" ngpf k' nupvtqn' rkugukp' i grk vktgdkrgeg k'dgntvko k vkt0D¾4 rgeg"Ängo k f g."422; "{,n,pf cp'kdkctgp'i Äxgprk'egttcj k'nupvtqn'rkuguk' co grk{cv'¾pegukf ¾pgo kf g'ner uc {cecm' gnkf g'f Ä gpngpo k "xg"-I Äxgprk'Egttcj k'Mqpvtn'Nkuguk'VT0' cf, " kpg" dkt±qni' j cuvcpgf g" nwnp,m c{c" dc rco , vt" \*j wr u<luj i o merkgf d0uci rkn0 qx0t IGmgnk5963 l2 l6i wxgprk'egttcj k'gj dgtr f hr f h+0DÄ{Äni'¾pgo g'ucj kr" dw'rkug."mkpkmgp" c{t,m cf cp"¾pegnk'f ¾pgo ."cpgugl kpk" xgkko gukpf gp"¾pegnk'f ¾pgo ."cpgugl kpk" xgkko gukpf gp" uqptcnk' egttcj k' kpk {qpf cp"¾pegnk'f ¾pgo " xg" {ctcp,p" ner cpo cu, "cpecni' j cuvc,p" co grk{cv'cp'gp"±,net,m cu,pf cp"¾pegnk'f ¾pgo "qmo cni'Ä gtg" f ¾v'd¾Äo f gp"qmw o cmcf ,t0'Dw'f ¾v' f ¾pgo f g'f g"j cuvc,p" egttcj k' uÄtg±'k-egtukpf g"net ,rc cdkrgeg k' tkumgtg' k'k nk"¾pgo rgtk' k-egtukpf g" det,pf ,tep'dcuco cmct" {gt'cni' \*Gti gp'xg" [ ,rf ,t,o "Vcpnl4245+0Hqto wp"fq tw'f kmcvk'xg" co cp,pf c" f qf wvwo cu,"j cuvc,p" egttcj k' uÄtg±'k-egtukpf g"net ,rc cdkrgeg k' uqtwprct,p"cl c" kpf kko gukpk'uc rct0' NkgtcvÄ" kpegrpf k kpf g" i Äxgprk' egttcj k' nupvtqn' rkugukp" nwnp,o , " kpg" egttcj k' k rgo rgtg" k'k nk" nqo r rkneuf qp'xg'¾Äo "qtcprct,p,p'¾pgo rk'¾Äf g'cl crf , ,p,i ¾vgtgp±cn, o crct'o gxewww0Dqj mätv'xg" VÄ gt0p" \*4245+±cn o cu,pf c"nevno e,rcf,p."i Äxgprk'egttcj k'nupvtqn'hqto wvwp'nwnp,o , "u,tcu,pf c."dw' wfi wco cp,p"¾prg k k' tco cni'ner" qrc {rcf" xg" v,ddk' j cvrcct" qf w vpw' kcf g" gwkmgtk' dgntvko k vkt0' Mct ,rc ,ncp'tco cni'ner"qrc {rcf'kug'vctchik ctgvgu gukpk'qmo co cu, "cmrcct,p"±,net,m co cu, "j cuvc,p'vqni' i gm guk' qrctcm' dnf ktko k vkt0' J cf ct{ " xg" ctn0p,p" \*4236+ ceki' co grk{cv' wfi wrcep" j cuvcrcrc" i gt+gmg vktf kmgtk' ±cn, o cf c" f c" i Äxgprk' egttcj k' nupvtqn' rkuguk' wfi wrcep c{cp" j cuvcrcct,p" {cmc ,ni' ' 760Äpf g'nqo r rkneuf qp"i grk vk k'nupvtqn'rkuguk' wfi wrcep"j cuvcrcct,p" kug" 420kpf g'nqo r rkneuf qp" i grk vk k' ter qt" gf ko k kt0' Dw' f vwo "ucf geg" j cuvc" k-ep" f g kn" uc nml' mätwo rct,p,p"i Äxgprk'ni' mÄvÄÄ' uÄtg+ngtk'k-ep" f g" qf vnc"¾pgo rkf kt0'Dw'wp" {cp,pf c"i Äxgprk'egttcj k'nupvtqn'rkugukp" nwnp,o , "kpg" uqtwprct,p" gtngp" f ¾pgo f g'vgr kv' gf kf k k"dw'uc {gf g"i gtgmik "k " {ÄmÄ'xg" co cp"ne {d,p,p" f c"¾pÄpg" i g±kf k kpk'dkf ktp'rkgtcvÄ'¾pgmtk'dwvwo cmcf ,t0'"

Anahtar kelime: "Egttcj k'i Äxgprk'egttcj k'i Äxgprk'egttcj k'nupvtqn'rkuguk"

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ABSTRACT BOOK

III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

ABSTRACT

F wg"vq"tgcuppu"uwej "cu"vj g"lpetgcug"kp"j wo cp"nkg"gzr gevce{ . "vj g" f gxgnqr o gpv"qh"vej pqm{ . "cpf "vj g" lpetgcug"kp"uwti lecn"tgevo gpv"qr vkpu "vj g" pwo dgt "qh"uwti lecn"lpxgpxkpu"r gthqto gf "vqf c{ "j cu"cnq" lpetgcugf 0Ceeqtf kpi "vq"vj g"Vwtmkj "J gcnj "Ucvkukel" gctdqnmf cvc. "c"vqcnlqh"7.999.26; "uwti gtlgu'y gtg" r gthqto gf "kp"Vwtng{ "kp"4244" \*j gcnj "Ucvkukel" gctdqnmf4244-0Wphqtwpvcvgn{ . "y kj "vj ku"lpetgcug. "vj gtg" ku"cnq" cp"lpetgcug"kp"vj g"tcvg"qh"eqo r nkecvkpu" qeewtkpi "f wtkpi "vj g"uwti lecn"rtqegu0"Qpg"qh"vj g" hwpf co gpv"nir tkpekr ngu"qh"j gcnj "ectg"ku"vj g"r tkpekr ng"qh" f q"pq"j cto 0Kp"vj ku"eqpvzv. "vj g"Y qtrf "J gcnj " Qti cplk cvkqp" \*Y J Q+ f tgy "cvkpvkqp"vq"r cvkpv"uchgv{ "kp"uwti gt{ "y kj "vj g"\$Uchg"Uwti gt{ "Ucxgu"Nlxgu\$" r tqlgev"dgvy ggp"4229"cpf "422: 0Uchg"uwti gt{ "ecp"dg" f gthkpf "cu"r tqvevki "vj g"r cvkpv"ci ckpu"r quikdng" o gf lecn"gttqtu"cpf "eqo r nkecvkpu"qt"o kpk k kpi "gttqtu"v wtkpi "vj g"uwti lecn"rtqegu"ltqo "vj g"r gtuqpu" j qur kcrk cvkqp"vq" f kcj cti g" \*Ecpf c . "I Atuq{ "4237-0Kp"vj ku"eqpvzv. "vj g"Y qtrf "J gcnj "Qti cplk cvkqp"j cu" ucvgf "vj cvc"uchg"uwti gt{ "ej gemku"j cu"dggp"etgev" f "cpf"vj cv"gej "eqvpt{ "ecp" f gxgnqr "ku"qy p"ej gemku"0 Vj wu "kp"qwt"eqvpt{ . "ukpeg"422; . "vj g"uchg"uwti gt{ "ej gemku"j cu"dggp"cttcepi gf "vq"lpenf g"vj g"r tgr gtcvkg" r gtkqf "cpf"j cu"uvtvgf "vq"dg" wugf "kp"o cp{ "j qur kcn"wpf gt"vj g"pco g"qh"Uchg"Uwti gt{ "Ej gemku"VT"0} \*j vr u"dluj i o nerkgf d0ci rknf qx0t IGmpvk5963 2 l6i wxgprlegttcj ktgj dgtr f hf f h0 Vj ku" nku" qh" i tgev" ko r qtvcpeg" eqpuku" qh" hqwt" r ctw" vj g" r gtkqf " dghqtg" rxcxkpi " vj g" erkle. " vj g" r gtkqf " dghqtg" vj g" cf o kpkucvqpp" qh" cpguj guk. " vj g" r gtkqf " chgt" vj g" cf o kpkucvqpp" qh" cpguj guk " dghqtg" vj g" uwti lecn" lpekukqp. "cpf"vj g" r gtkqf "chgt"vj g" emuwtg"qh"vj g" y qwpf "dw" dghqtg"vj g" r cvkpv"ku"tgo qxgf "ltqo "vj g" qr gtcvki "tqo 0Vj gug" hqwt" r gtkqf u"lpenf g" ugr u"vj cv"lpenf g" r tgecvkpu"tgi ctf kpi "vj g"tkum"vj cv"vj g" r cvkpv"o c{ "gpeqwpvt" f wtkpi "vj g"uwti lecn"rtqegu" \*Gti gp"cpf "I ,rf ,t,o "Vcpm"4245-0Hkpi "qww"vj g" hqto " eqttgevn{ . "ectghwm{ "cpf"qp"vko g"y kmj gr "o kpk k g"vj g" r tqdngo u"vj g" r cvkpv"o c{ "gpeqwpvt" f wtkpi "vj g" uwti lecn"rtqegu"0Y j gp"vj g" rkgtcwtg"ku"gzco kpgf . "vj gtg"ctg"uww lgu"uj qy kpi "vj cv"vj g" wug"qh"vj g"uchg" uwti gt{ "ej gemku"uki pkkecpvn{ "tgf wegu"vj g"eqo r nkecvkqp"cpf" f gcvj "tcvgtgrv"vq"uwti lecn"rtqegf wtu0 Kp"vj g"uww f "d{ "Dqj mxtv"cpf "VAl gt" \*4245+ "k'y cu"ucvgf "vj cv"vj g" r ctvkr cpu"ucvgf "vj cv"vj g"tg'y g"tg"pgct/ o ku"gxgpw"cpf "o gf lecn"gttqtu"vj cv"vj g" r tggxgv" d{ "vj g" wug"qh"vj g"uchg"uwti gt{ "eqpvtqnl" hqto 0P gct/ o ku"gxgpw"y g"tg"tr qtvgf "cu"pqv"o ctnkpi "vj g"ukf g. "pqvtgo qxkpi "lgy gr{ . "cpf"vj g" r cvkpv"cttkkpi "hwm0 Kp"vj g"uww f "eqpf wevg" d{ "J cf ct{ "g"v"cnf" \*4236- "qp" r cvkpv"y j q"wpf gty gpv"go gti gpe{ "uwti gt{ . "k'y cu" tgr qtvgf "vj cv"r r tqzko cvgn{ "76" "qh" r cvkpv"y j q" f kf "pqv" hqmy "vj g"uchg"uwti gt{ "ej gemku" f gxgnqr gf " eqo r nkecvkpu" y j kg" 42" "qh" r cvkpv"y j q" f kf " hqmy "vj g" ej gemku" f gxgnqr gf "eqo r nkecvkpu"0 Vj ku" ukwcvkqp"ku" xgt{ "ko r qtvcpv"pqv"qpn{ "ht"vj g" r cvkpv"dw"cnq"ht"vj g"uchgv{ "ewmw" g" r tqegu"u"qh"j gcnj ectg" kpuwkwkpu"0Kp" cf f kkp. "vj gtg"ctg"gzco r ngu"kp"vj g" rkgtcwtg"ucvki "vj cv"vj g" wug"qh"vj g"uchg"uwti gt{ " ej gemku"j gr u" f gvev" r tqdngo u"cv"cp" gctn{ "uci g. "vj wu" r tggxgvkpi "wppgeguct{ "y qtmqcf "cpf"vko g" hqu0

Key words: "Uwti gt{ . "uchg"uwti gt{ . "uchg"uwti gt{ "ej gemku"

KAYNAKLAR

- 30 Ecpf c . "D0" ( " I Atuq{ . " C0" \*4237-0 Egttcj kf g" J cuc" I Axgprk k' I Axgprk' Egttcj k' Mqpvtrn{ Nkuguk0GT ©Uc nmiDkko rgtkHcnAngukF gti kuk '5\*3+ '62/720
- 40 j vr u"dluj i o nerkgf d0ci rknf qx0t IGmpvk5963 2 l6i wxgprlegttcj ktgj dgtr f hf f h"
- 50 Y qqf o cp" P . "Y cmgt "KY qtrf "J gcnj "Qti cplk cvkqp"Uwti lecn"Uchgv{ "Ej gemku"042380
- 60 Gti gp"D. "I ,rf ,t,o "Vcpm" F 0C "Xkcn"Nku"kp"Vj g"Qt<"Uchg"Uwti gt{ "Ej gemku"0L"J gcnj "Rtq" T gu" 4245-7\*4+368/3730
- 70 Dqj mxtv"U"VAl gt"J 0Rcvkpv"Uchgv{ "kp"vj g"Uwti gt{ <"Cp"Kpxguki cvkqp"qh"vj g" P gct/o ku"Ecugu" Gpeqwpvtgf "d{ "vj g"Uwti lecn"Vgco "Y j kg"Cr r n{ kpi "vj g"Uwti lecn"Uchgv{ "Ej gemku"0Dgl o krgo "Uelkpeg" 4245-33\*3+342/9"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

80 J cf ct { 'U.'Ucmo 'O.'Uergo 'UU.'\ cnk'J 0K r cev'qh'e'Y qtrf 'J gcnj 'Qti cpk' cvqp'\*Y J Q+wti lecn' uchgv { "ej gemku'ko r ngo gpvcvqp" f wtkpi "wti gpv"qr gtcvqpu"qp"eqo r rkcpeg"y kj "dcule"ucpf ctf u"qh'ectg" cpf "qeevttgpeg"qh'eqo r rkecvqpu0Lqvtpci'qh'Dkqmi { . 'Ci tlewnwtg'cpf 'J gcnj ectg"4236=6\*4+<42/480

"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CHLORPYRIFOS'UN *DROSOPHILA MELANOGASTER (FLR<sub>3</sub>)* BİREYLERİNİN YAŞAMA YÜZDESİ ÜZERİNE ETKİSİ CHLORPYRIFOS IN *DROSOPHILA MELANOGASTER (FLR<sub>3</sub>)* INDIVIDUALS EFFECT ON SURVIVAL PERCENTAGE

Elif PAÇAL<sup>1</sup>

<sup>3</sup>... tOI 3/4 OF t. 'Fcpmt, 'Mtcvgnkp'©pkxgt ukvguk" cdcp<sup>3</sup>/4 Æ'O gugni[ ÆmugnqmwvV, ddk'J kjo gvgt 'xg" Vgnpkngt 'D/4 Æ Æ 'Fgxtg'Uc n, 'Rtqi tco, 'Fcpmt, 'VÄtnkfgO'

<sup>3</sup>QTEK 'K' <j wr u-Älqtekf Qti I222/2223/8493/648; "

Rabia SARIKAYA<sup>2</sup>

<sup>4</sup>Rtqh'I c/k'©pkxgt ukvguk 'G kko 'HcnÄnguk 'Vgo gn'G kko 'Up, hG kko k' Cpnc t. 'VÄtnkfgO'

<sup>4</sup>QTEK 'K' <j wr u-Älqtekf Qti I222/2223/; 469/; ; 95'''

#### ÖZET

Qti cpqhucv, "dk" kpugmkuk' qncp "Ej nqr { tkhu"vct, o ucn'creprctf c" Ägwko k'ctw, to cf c. "gxrgtf g'xg" +g kkk' creprctf c' j c gtg' nqpvtqn Äpf g'gp' hc| n' vgtelj "gf kngp" i gpk "ur gmtwo nw'dk" d<sup>3</sup>/4 egn<sup>3</sup>/4f Ä Ä Ä Ä O'Wew "xg" wrc, ncdkkt "qno cu, 'pgf gpk| ng' nqpvtqn Ä eg' hwnrcp, ncp "Ej nqr { tkhu" +gxtg' hkrnk kpg' ugdgr "qno cu, p, p" { cp, " u, tc" hctm" { qnctrc "ecpn" xÄew vpc" i ktgtgn<sup>3</sup>/4 gnkmg" { c " f qmw' dc v" qm cni Ä gtg" +g kkk' f qmw' xg" qti cprctf c' dktkno gmgf kO' Ej nqr { tkhu" j gf gh' qti cpk| o cmt, p' f, , pf cnk' r gni +qm' ecprctf c' vqmkn' gnk| g' pgf gp" qno cmcf, tO' "Dw' +cn o cp, p" co ce, "Ej nqr { tkhu" wwp " Ft quqrj kc " o grcpqi cuwt " \*ht 5+ " dktg| rgtk' Ä gt kpf gnk' vqmkn' gnk| kpegrgo gmkO' F gpg { rgtf g' Ft quqrj kc " o grcpqi cuwt dp " o wcpv', tm' qncp " hctg " \*ht 5+ " uq vpf cp" gnf g' gf kngp '94" ucvkn' rctxcmt " nwnrcp, m, v, tO' Vguv' uqn Äu| qpw' qrcctm' 7" Üi N' xg' 32" Üi N' Ej nqr { tkhu' nqpucpvtcu| qpnc, ' hwnrcp, m, v, tO' F gpg { rgt' u, tcu, pf c' 3.7' i tco " Ft quqrj kc " dguk| g| kpg' 7" o N' vguv' uqn Äu| qpw' gmgpo k " xg' rctxcmt " dguk| qt vco, pc' i 3/4 Ä Ä Ä vÄtO' Dk' j chc " uqpte" j gt " dk' nqpucpvtcu| qp' kkp' r wr cf cp' +ncp' gti kp' ukpgn' uc { , u, 'vgr k' gf km k vktO' F gpg { rgt' 5" hgl ' vgnctrcpo, v, tO' C { t, ec' uch' uw' kpg' pgi cvkhi' nqpvtqn' xg' 3" o " FO UQ " krg" +34 Ä Ä Ä nqpvtqn' i twdwp' f gpg { rgtk' { cr, m, v, tO' Dw' +cn, o cf c' +34 Ä Ä Ä nqpvtqn' 3" o " FO UQ " i twdwp' cnk' Ft quqrj kc " o grcpqi cuwt " \*ht 5+ " dktg| rgtk| kp" { c co c' { Ä f grtk' \* : 3+ krg' xg' pgi cvkhi' nqpvtqn' i twdwp' cnk' Ft quqrj kc " o grcpqi cuwt " \*ht 5+ " dktg| rgtk| kp" { c co c' { Ä f grtk' \* : + ctcu, pf c' cprco n " dk' hctm' qnrc " qm cf, , " nk' netg' vgu' k' krg' net, nrc v, t, m, " xg' nqpvtqn' i twrcp, p, p" { c co c' { Ä f grtk' ctcu, pf c' kucvukmgn' qrcctm' cprco n " dk' hctm' dwnrcp co, v, t " \* @.27+0' Ej nqr { tkhu' nqpucpvtcu| qpwp' c' ctw' ' d, tcmrcp " Ft quqrj kc " o grcpqi cuwt " \*ht 5+ " dktg| rgtk| kp" { c co c' { Ä f guk' 7" Üi N' kkp' 34" kngp. " 32" Üi N' kkp' 4" dwnrcp w wtO' J gt " knk' f gpg { " i twdwp' cnk' { c co c' { Ä f grtk' pgi cvkhi' nqpvtqn' i twdwp' cnk' { c co c' { Ä f guk' rg' \* : +nk' netg' vgu' k' krg' net, nrc v, t, f, , pf c' nqpvtqn' i twdwhj kpg' kucvukmgn' qrcctm' cprco n " hctm' dwnrcp w wt " \* r > 2.223+0' Dw' uqpwe " Ej nqr { tkhu" wwp " 7" Üi N' xg' 32" Üi N' f Ä g { kpf g' Ft quqrj kc " o grcpqi cuwt " \*ht 5+ " dktg| rgtk| kp" qrf wnc' vqmkn' qrf w vpw' i 3/4 vgtg' gmgf kO'

**Anahtar Kelimeler:** "Ej nqr { tkhu" Ft quqrj kc " o grcpqi cuwt " \*ht 5+ " { c co c' { Ä f guk" qti cpqhucv, " r gukuk'

#### ABSTRACT

Ej nqr { tkhu" cp" qti cpqrj quqrj cvg' kpugevklf g. " ku' vj g" o quw' r tghgttgf " dtqcf /ur gevto " kpugevklf g" hqt " kpetgculpi ' r tqf wevqp' kp' ci tlewnrcnctgcu' cpf ' hqt' r guveqvtqn| kp' j qo gu' cpf ' xctkqwu' ctgcuO' Ej nqr { tkhu" y j ke j ' ku' wugf " vpeqvtqm' cnd| ' dgecvwg' k' ku' ej gcr ' cpf " ceegukdrg. ' pqv' qpn| ' ecwugu' gp' xkt' qpo gp' cnl' qmwkqp. " dw' cnuq' gpvgtu' vj g' rdxkpi " dqf { " kp' f khtgtpv' y c { u' cpf " ceewo wrc' vgu' kp' xctkqwu' vkuwgu' cpf " qti cpu' gur gekm| ' hcv' vkuwgo' Ej nqr { tkhu' ecwugu' vqzke' ghg' ewu' kp' o cp { " qti cpkuo u' qvj gt' vj cp' vcti gv' qti cpkuo uO'

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Vj g'clo "qh'vj ku'uwf { "y cu'vq"lpxguki cvg"vj g'vqzle"ghgev'qh'Ej nqtr { tklqu"qp" *Ftquqrj kv* "o grcpqi cwgt" \*nt<sub>5</sub>+lpf kxf wcu0Kp"vj g'gizr gtko gpwu '94'j qwtu'qnf 'hctxcg'qdvckpgf 'htqo 'hctg"\*nt<sub>5</sub>-lqem'c'o wcpv'utckp" qh'*Ftquqrj kv* "o grcpqi cwgt".y gtg'wugf 0Ej nqtr { tklqu'eqpegpvtckqpu'qh'7"Ûi N'cpf '32"Ûi N'y gtg'wugf " cu'vgu'vqmwkqpu'F wtkpi "vj g'gizr gtko gpwu "7"o N'qh'vgu'vqmwkqpu"y cu'cf f gf "vq'30"i tco u'qh'*Ftquqrj kv* " o gf kwo 'cpf 'hctxcg'y gtg'go dgf f gf 'lp'vj g'o gf kwo 0'Chgt'qpg'y ggm'vj g'pwo dgt'qh'cf wv'hkgu'go gti kpi " htqo 'r w cg'y cu'f gygo kpgf 'hqt'gcej 'eqpegpvtckqpu'0Vj g'gizr gtko gpwu'y gtg'tgr gcvgf '5'vko gu0Kp'cf f kkpq." pgi cvkxg'eqptqni'y kj "f kxmgf "y cvgt"cpf "uqkxgpv'eqptqni"i tqwr "gizr gtko gpwu'y kj "3"o O "F O UQ"y gtg' eqpf wcvgf 0'Kp"vj ku'uwf { ."vj g'ej k/us wctg"vgu'y cu'wugf "vq"eqo r ctg"vj g'wtxkcn'tcvgu'qh' *Ftquqrj kv* " o grcpqi cwgt" \*nt<sub>5</sub>+lpf kxf wcu'lp"vj g'uqkxgpv'eqptqni"3"o O "F O UQ"+i tqwr "": 3+cpf "vj g'wtxkcn'tcvgu' qh' *Ftquqrj kv* "o grcpqi cwgt" \*nt<sub>5</sub>+lpf kxf wcu'lp"vj g'pgi cvkxg'eqptqni"i tqwr "": + "cpf "pq"ucv'kxkcmf { " uki pkkcpvf khtgpeg'y cu'hqwpf "dgw ggp"vj g'wtxkcn'tcvgu'qh'vj g'eqptqni"i tqwr "": @07+0Vj g'wtxkcn' r gtegpvi g'qh' *Ftquqrj kv* "o grcpqi cwgt" \*nt<sub>5</sub>+lpf kxf wcu'gizr qugf "vq"ej nqtr { tklqu'eqpegpvtckqpu"y cu'34" hqt'7"Ûi N'cpf '4'hqt'32"Ûi N'0Y j gp"vj g'wtxkcn' r gtegpvi gu'kp'dqvj 'gizr gtko gpwcn'i tqwr u'y gtg'eqo r ctgf " y kj "vj g'wtxkcn' r gtegpvi g'kp"vj g'pgi cvkxg'eqptqni"i tqwr "": + "d { "ej k/us wctg"vgu." c" ucv'kxkcmf { " uki pkkcpvf khtgpeg'y cu'hqwpf "lp"hxqt"qh'vj g'eqptqni"i tqwr "": >2023-0'Vj ku'tguwn'lpf kcvgu"vj cv' Ej nqtr { tklqu'ku'j ki j n' "vqzle"vq" *Ftquqrj kv* "o grcpqi cwgt" \*nt<sub>5</sub>+cv7"Ûi N'cpf '32"Ûi N'hxgn0

**Keywords:** " Ej nqtr { tklqu" *Ftquqrj kv* "o grcpqi cwgt" \*nt<sub>5</sub>+ " wtxkcn' r gtegpvi g." qti cpqrj qur j cvg" r gukxf g'"

Grup	Konsantrasyon	N	$\bar{X}$	p"
P gi cvkxg'Eqptqni'	Uch'uw'	322"	; : "	" "" "" "" "" /"
¥ ¾ Æ Æ Mqptqni'	3"o O "F O UQ"	322"	: 3"	3.83"
F gpg { "I twdw"	7"Ûi N'Ej nqtr { tklqu"	322"	34"	89.45, , , "
F gpg { "I twdw"	32"Ûi N'Ej nqtr { tklqu"	322"	4"	; 4.38, , , "

, , , r > 2.223"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

**RBCRO<sub>3</sub> PEROVSKİTE MALZEMESİNİN YAPISAL, ELEKTRONİK, MEKANİK VE TERMODİNAMİK ÖZELLİKLERİNİN İNCELENMESİ**  
**INVESTIGATION OF STRUCTURAL, ELECTRONIC, MECHANICAL AND THERMODYNAMIC PROPERTIES OF RBCRO<sub>3</sub> PEROVSKITE MATERIAL**

*Osman Örnek<sup>1</sup>*

<sup>3</sup>F q±OF tOM,t gj kt 'Cj kGxtcp'©pkxgt ukxguk 'O gvcmt lk'xg'O crı go g'O Āj gpf kuk k'D/āo Ā 'M,t gj kt. "VĀtnkġ gO'

<sup>3</sup>QTEK 'KF <j wr u-llqteġ Qti I222/2223/: 24: /5354"

*Selgin AL<sup>2</sup>*

<sup>4</sup>F q±OF t0|o kt 'F go qmt cik'©pkxgt ukxguk 'xgt g'Mqt wo c "Vgmpqrqlkgt k'D/āo Ā |o kt. VĀtnkġ g"

<sup>4</sup>QTEK 'KF <j wr u-llqteġ Qti I222/2225/46; 8/3522"

*Ahmet İyigör<sup>3</sup>*

<sup>5</sup>F q±OF tOM,t gj kt 'Cj kGxtcp'©pkxgt ukxguk 'O cnkpg'xg'O gvcni Vgmpqrqlkgt k'D/āo Ā 'M,t gj kt. "VĀtnkġ gO'

<sup>5</sup>QTEK 'KF <j wr u-llqteġ Qti I222/2224/7; ; 8/84: 8"

*Mustafa Özduran<sup>4</sup>*

<sup>6</sup>F q±OF tOM,t gj kt 'Cj kGxtcp'©pkxgt ukxguk 'Hkġ kniD/āo Ā 'M,t gj kt. "VĀtnkġ gO'

<sup>6</sup>QTEK 'KF <j wr u-llqteġ Qti I222/2225/6569/7; 28"

**ÖZET**

Dw±cn, o cf c. ĩādkni{ cr, {c'ucj kr "T dEtQ5'r gtqxunk' b cı go guġkp "hk kmgrı¼ grnkmt kpġqtvc {c±,neto cni kġp"ner uco n, "dk" cperġ "i gt±gmg vġko k vġ0Dw±cn, o c." {cr, uen "grcukm "grgmt kmgrı'xg" vġto qf ġpco kni i kdk'gmknk¼ ¼ grnkmt k'wpo cni kġp" {q wprnırlıpmıġ qpgni'vgtkukpġ"i gpgng vġko k "i tcf {cp" {cmr, .o " {cmr, .o ,p, ĩwmp, tO dEtQ5'r gtqxunk' b cı go guġ Ro /5o 'w c { 'i twdwpf c" {q wprnırlıpmıġ qpgni'vgtkuk' mmp, rctni ġpegrıpo k vġ0 [ cr, uen' cperġ fg. "¼i Ā ucdkk' 5.: 67" ¨ " qrceni' dgrırgıpo k vġ0' O gncpni' ¼ grnkmt "c±, u, pf cp. "dwmı' o qf ĀĀ374.94" I Rc. "nc {o c "o qf ĀĀ335.; 6" I Rc "xg" [ qwpı "o qf ĀĀ495.94" I Rc" qrceni' j gucrıpo, vġ0' DII " qtcı, "3Ö6" qnr. "dw'f g gt" o cı go ġkp "mt, ni cp" dk "f q c {c" ucj kr " qrf w wıw' i ¼vġto gmgf kt' Rqııup" qtcı, " ġg" 2.42" qrceni' dwıpo w wı0' Grcukni' ucdkgrı " \*Eıı+ ġpegrıpf k ġf g 'b cı go ġkp' b gncpni' qrceni' netctı, "qrf w wı ¼Āo Ā vĀ0Cpġ qıqr kni tġhımt k±k ġgt gnı o cı go ġkp" {¼p' dc, .o n' ¼ grnkmt k' qıvc {c" nıpo w wı0' C {t, ec. " grgmt qıknı' ¼ grnkmt " c±, u, pf cp. " T dEtQ5'Āp" o gvcni' netcmıgtf g " qrf w wı' gur kv' gf kr k vġ0' F gd {g" o qf grıpg" i ¼g" dw'r gtqxunk' dırg k ġp' vġto qf ġpco knı¼ grnkmt k' gıf g " gf kkt'0' Vġto qf ġpco knı¼ grnkmt "ner uco, pf c. "2/: 22M' u, ecm, nıcten, pf c" vġg ko "gpıtlıkk' uıgdıv' vġg ko "gpıtlıkk' gpıqr k' xg, u, u, cu, p, p' u, ecm, c "dc nı' f g k lo ġtkı' tġhımtırg" i ¼vġtko k vġ0' Dw'¼ grnkmt. " T dEtQ5'Āp" r qvcıpkı gnı wı i wıo c " cırcırt, p, "i ġpı ġıvo gmgf kt'0" | grnkıg. " { Āıgnı' u, ecm, nıf c {cp, o, "xg" o gvcni' ġıvıgıprı k' uc { guġpf g " grgmt qıknı' eġ cı rctf c. "ugıı¼ırtf g " xg" gpıtlı k' f gr qıro c' uıııgo ġtkıf g' ĩwmp, rdıkkı0C {t, ec. "b gncpni' netctı, , "xg' ĩmt, ni cp" {cr, u, " {cr, uenı' o cı go grıg" xg" ner nıo cırt "kġp" wı i wı " qırdııeg ġp' i ¼vġto gmgf kt'0' Dw±cn, o cp, p' uıpwırt, " T dEtQ5'Āp" ±g kık' ġpf Āıtkı' gnı xg" vımpqrıknı' wı i wıo cırtf c" mmp, m c" r qvcıpkı grıpk' qıvc {c" nıı {o cmcf, tO'.....

**Anahtar Kelimeler:** "F HV. "grcukm Grgmt qıknı' Vġto qf ġpco knı¼ grnkmt0'

**ABSTRACT**

ġp' vı ku' uıw { "c" eqo rıgı ġpııg" cıcnı' uku' ku' eıttııgı " qıw' vı" tıxıcnı' vı g" rıj { uıcnı' rıqr gıııı' qı' EcıQ5' rıgtqxunk' o cıgtıcnı' yı kj " eıvıle" uıwewıgı' Vı ku' uıw { " wıgu' vı g" i ġpıgıcnı' gf " i tcf ġıvı' cı rırtıqıko cıııp'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

cr r tqcej "qh'f gpukv "hpevkpcn'vj gqt {"vq" r t gupv'vj g"eqo r rvg" r tqr gtvku" uvej "cu' utwewtcn" grcukle." grgevtkecn'cpf "vj gto qf {pco ke" T dEtQ5" r gtqxunkg" o cvgtken'y cu' lpxgunki cvgf "wukpi "f gpukv "hpevkpcn'vj gqt {"kp"vj g'Ro /5o "ur ceg'i tqr OI"vj g' utwewtcn'cpcn' uku "vj g' tcvkeg" eqpucpv'y cu' f gvto kpgf "cu'50 67" r OI"vgo u'qh'o gej cplecn' r tqr gtvku. "vj g' dwnb qf wmu'y cu' ecrewrcvgf "cu'37404 I Rc. "vj g' tuj get' b qf wmu' cu'3350 6 I Rc' c'pf "vj g' l qwpi "o qf wmu'cu'49504 I Rc' O'Vj g' D II "tcvkq'y cu'3056. "y j lej 'kpf kecvu'vj cv'vj g' o cvgtken'j cu' c' dtkwrg' pcwtg' O'Vj g' Rqkuqp" tcvkq'y cu' hqwpf "vq" dg' 20420Y j gp'vj g' grcukle" eqpucpvu' \*EK+ y gtg'gzco kpgf. "k'y cu'uggp'vj cv'vj g' o cvgtken'y cu' o gej cplecn' {"ucdrg' O' Cpkuytqr ke" i tcr j u'y gtg' f tcy p" vq' t g x g c n' j g' f k g e v k p / f g r g p f g p v' r t q r g t v k u' q h' v j g' o c v g t k e n' O I k' c f f k k q p. "k'v' g t o u' q h' g r g e v t q p l e' r t q r g t v k u. "k' y c u' f g v t o k p g f " v j c v' T d E t Q 5 " j c f " c " o g e n l e " e j c t c e v g t O' C e e q t f k p i " v q " v j g' F g d { g " o q f g n " v j g' v j g t o q f { p c o k e " r t q r g t v k u " q h' v j k u' r g t q x u n k g " e q o r q w p f " c t g " q d v k p g f O Y k j k p " v j g' u e q r g " q h' v j g t o q f { p c o k e " r t q r g t v k u " v j g' v g o r g t c w t g / f g r g p f g p v' e j c p i g u' q h' x k d t c v k p " g p g t i { . " h t g g " x k d t c v k p " g p g t i { . " g p v t q r { " c p f " j g c v' e c r c e k v { " k p " v j g' v g o r g t c w t g' t c p i g' q h' 2 / : 2 2 M' y g t g' u j q y p' y k j " i t e r j u O' V j g u g " r t q r g t v k u' g z r c p f " v j g' r q v g p v k e n' c r r n e c v k p p " c t g e u' q h' T d E t Q 5 O I k' r c t v k e w r c t. "k' e c p' d g' w u g f " k p " g r g e v t q p l e " f g x l e g u " u g p u t u " c p f " g p g t i { " u q t c i g " u { u v g o u' f v g " v q " k u " j k i j " v g o r g t c w t g " t g u k u c p e g " c p f " o g e n l e " e q p f v e v k k v { O I k' c f f k k q p. "k u' o g e j c p l e c n' u c d k r k v { " c p f " d t k w r g' u t w e w t g' k p f k e c v g' v j c v k v' o c { " d g' u w k c d r g' h q t " u t w e w t e n' o c v g t k e n' c p f " e q c v k p i u O' V j g' t g u w m u' q h' v j k u' u w f { " t g x g c n' v j g' r q v g p v k e n' q h' T d E t Q 5 " v q " d g' w u g f " k p " x c t k q w u' k p f w u t k e n' c p f " v g e j p q r q i k e c n' c r r n e c v k p u O'

**Keywords:** 'FHV. "grcukle. "grgevtqple. "vj gto qf {pco ke" r tqr gtvkuO'

"

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#### ABSTRACT

Kp"vj ku'uwf { ."y g"o gej cplecn'cpf "vj gto qf { pco le"r tqr gtvku"qh'M t5P "cpvr gtqxunkg"o cvgtkn'kp"vj g" Ro /5o "ur ceg"i tqw "y gtg"lpxguki cvgf "waki "f gpub{ "hmpvqpcn'vj gqt { "F HV+0'Y kj qw"vj g"pggf "hqt" j ki j gt/qtf gt"r ctco gvgtu'kn"dcule"o cvgtkn'r tqr gtvku "cd'kpkq"tqo "ktu'r tkpek rgu+F HV"ecrewnvqpu" kp"eqo r wcvqpcn'o cvgtkn'uelgpeg'gpcdn'vj g'r tgf kvqp"cpf "eqo r wcvqp"qh'o cvgtkn'dgj cxkqt"dcugf "qp" svcpwo "o gej cplecn'eqpukf gcvqpu0Vj g"l gpgcnk gf "I tcf kpv'Cr r tqzko cvkp"t I C+"qh'vj g"Rgtf gy . " Dwtng"cpf "Gtp| tj qh' \*RDG+"uej go g"y cu' wuf "kp"vj g"qr vko k cvkp0'Vj g" qdvkpgf "tguwu"tgxgen'vj g" ko r qtvcpl'j { ulecn'r tqr gtvku"qh'vj g'o cvgtkn'0Vj g'rcwleg'eqpuvcpvy cu'f gvto kpgf "cu'c?60896"0k'vgo u" qh'o gej cplecn'r tqr gtvku "vj g'dwn'o qf wmu"D+"qh'vj g'M t5P "o cvgtkn'y cu'ecrewnv"cu"; 3069'I Rc."vj g" uj gct"o qf wmu"t +cu'4407'I Rc"cpf "vj g"l qwpi "o qf wmu"G+cu'840 9'I Rc0Vj gug'xcwgu'tgxgen'vj cv'vj g" o gej cplecn'ucdkk{ "qh'vj g'o cvgtkn'ku'tqdwu'cpf "ku'cpluqtqr le"umwewtg"gzj kdku'f kkp'v'hcwttgu0Vj g" Rqkuqp"tcvk"y cu'f gvto kpgf "cu'205: ."y j lej "r tqxkf gu'kphqto cvkp"cdqw"vj g"gruue"dgj cxkqt"qh'vj g" o cvgtkn'0Cu'c'tguwn'qh'vj g'cpcn| gu "k'y cu'wfp gtuvqf "vj cv'vj g"grvqtple"r tqr gtvku"qh'M t5P "gzj kdk' o gwnle"ej ctcevt0'Vj ku'ku"ko r qtvcpl' hqt"vj g" grvqtplecn'eqpf wvkvk{ "qh'vj g"o cvgtkn'cpf "r qvvpkn' grvqtple"cr r necvqpu0'k"cf f kkp."kp"uwf lgu"qp"vj gto qf { pco le"r tqr gtvku "vgo r gtcwtg/f gr gpf gpv" i ter j u'qh'xctkdngu'uej "cu'xkdcvkp"gpgti { ."tgg'xkdcvkp"gpgti { ."gpvtqr { "cpf "j gcv'ecr cek{ "dgy ggp" vgo r gtcwtgu"qh'2/: 22"m'y gtg'f tcy p0'Vj gug"i ter j u'r tqxkf g"ko r qtvcpl'kphqto cvkp"v"wpf gtucpf "vj g" dgj cxkqt"cpf "vj gto cn'r tqr gtvku"qh'vj g"o cvgtkn'vj cv'ej cpi g"y kj "vgo r gtcwtg0'Cu'c'tguwn"y j kg"vj g" M t5P "cpvr gtqxunkg"o cvgtkn'cwtcew'cwgpvkp"y kj "ku'o gej cplecn'cpf "grvqtple"r tqr gtvku "k'j cu' dggp"tgxgen'f "vj cv'k'j cu'r qvvpkn'cr r necvqpu"ctgcu'uej "cu'j gcv'o cpci go gpv'cr r necvqpu."gpgti { " uqtcu' g'u' ugo u'cpf "grvqtple" f gxlegu'vj cpm'v'ku'vj gto qf { pco le"cpcn' uk0'Vj ku'uwf { "r tqxkf gu'c"dcuku" hqt'hwwt'g'tugctej "cpf "cr r necvqpu"qh'vj g'M t5P "o cvgtkn'0

**Keywords:** F HV. "cd'kpkq. "gruue. "grvqtple"r tqr gtvku0

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EBEVEYNLERİN ÜSTÜN YETENEKLİ ÇOCUK VE BİLİM VE SANAT MERKEZİNE İLİŞKİN METAFORİK ALGILARI  
PARENTS' METAPHORICAL PERCEPTIONS ABOUT GIFTED CHILDREN AND SCIENCE AND ART CENTER

Gökay ATILGAN<sup>1</sup>

<sup>3</sup>W/o cp "QmwłRuknqrqlknlFcp, o cp., "Cpcf qnw"©pkxgt ukxguk "G kko "Rtqi tco rct, "xg" t gvko . "Gunk gj kt. " VĀtnkġ gO'

<sup>3</sup>QTEKF "KF <ĵ wr u-llqteġ Qi ti l222/2224/: ; 38/99; 4"

Yusuf Oktay ATILGAN<sup>2</sup>"

<sup>4</sup>F qmqt "RuknqrqlknlFcp, o cp. "O GD. "Mcuco qpw. "VĀtnkġ gO'

<sup>4</sup>QTEKF "KF <ĵ wr u-llqteġ Qi ti l222/2225/3974/; 897"

Mehmet YAŞAR<sup>3</sup>

<sup>5</sup>W/o cp "QmwłRuknqrqlknlFcp, o cp., "O GD. "Quo cpkġ g. "VĀtnkġ gO'

<sup>5</sup>QTEKF "KF <ĵ wr u-llqteġ Qi ti l222; /2223/3664/5854"

Emiř ATILGAN<sup>4</sup>"

<sup>6</sup>Uqul criJ kġ o gvgt "W/o cp., "Cpcf qnw"©pkxgt ukxguk "Uqul qnrlk "Gunk gj kt. "VĀtnkġ gO'

<sup>6</sup>QTEKF "KF <ĵ wr u-llqteġ Qi ti l222; /2229/: 892/5; 66"

ÖZET

©uvĀp" { gvgpgmk'±qewm"cntcprt, pc'i ¾4g" {ctcve, nm" gm. "ucpcv'xg'cncf go kn'rcprt, pf c'f cj c"Āv'f Ā g { r gthqto cpu'i ¾4mgtgp'±qewmctf ,t "Mkn'lxg'I cmci j gt. '3; ; : =O GD. "4229-0Dkġ { k'p"ĀvĀp" { gvgpgmk'qmw " qm cf , , "±g krk'¾4±mgtg'f c {cn"qrcm'dgkrngpo gmv'xg'vcp,rcpo cmcf ,t0Qmwł±c ,pf c'qmw "vcp,rcpcp" ĀvĀp" { gvgpgmk'±qewmct. "O GDg"dc n "qncp'dkko "xg'ucpcv'o gtnġl ngtkpf g'f guvniġ kko "cncdko gmġf kt0 D NUGO ągt "ki kġ' ±qew wp" { gvgpgm' cncp,pc" i ¾4g" dkko ugn' xg' ucpcv'ni f guvni' g kko " r tqi tco rct, " { Ā Āo gmġf kt "W wp."4226-0'

Dw'±cn o cf c"gdgxx { prġtkp"ĀvĀp" { gvgpgmk'±qewni'xg'dkko "xg'ucpcv'o gtnġl ngtkpk'pcu,ni'ni ,mf ,mct,p,p" dgkrngpo guk'co c±rcpo , v,t0Dw'co c±f q twmwupf c'c c ,f cnk'cn'r tqdngo ngg" { cp,v'ctcpo , v,t=

- Gdgxx { prġtkp"ĀvĀp" { gvgpgmk'±qew c'krk nk'p'o gvchqrct , 'prġtf ktA'
- Gdgxx { prġtkp'dkko "xg'ucpcv'o gtnġl kpg'krk nk'p'o gvchqrct , 'prġtf ktA'

Ÿcn o cf c" pkgn' ctc v, to c" { ¾pvg ngtkpf gp" qni vdkko ugn' "ġpggo qpqrqlkni" f gugp" nwrmp, n , v,t0' Dw' f gugp'k'vteġj "gf ko gukpk'pgf gpk'gdgxx { prġtkp"ĀvĀp" { gvgpgmk'±qewni'xg'dkko "xg'ucpcv'o gtnġl kpg'krk nk'p" dgp| gvko ngtkpk'dgkrngpo gmkt0Dw'dc nco f c'f c'±cn o c { c'ncv,ncp'55"ncv,ncp o e, f cp'0ĀvĀp" { gvgpgmk'±qewni' í í í Œ í í í Œ' i kdf kt = ±ĀpnĀ" í í í í í í í Œ" xg" 0Dkko " xg' ucpcv' o gtnġl k' í í í í í Œ' i kdf kt = ±ĀpnĀ" í í í í í í í í í í Œ" kcf grġtkp" { c , n "qf w w' hqto w' f qf wto crct, "kvgpo k vkt0' Gif g'gf krgp'xgtkrgtkp'cpcrk "gf ko gukpf g'k±gtkni'cpcrk k' { ¾pvg k'hwrcp,rcncv,t0'

**Kelimeler:** "ĀvĀp" { gvgpgmk'±qewm'dkko "xg'ucpcv'o gtnġl k'o gvchqt0'

ABSTRACT

I kġgf "ej kf tgp'ctg'ej kf tgp'y j q'uj qy " j ki j gt "ngxgn'qh'r gthqto cpeg"lp"etgc'vkv' . "lpvgni gpeg. "ctv'cpf " ceef go le 'hġrf u'eqo rctgf "v'j gk't'rgtu" "Mkn'ncpf 'I cmci j gt. '3; ; : =O GD. "4229-0Y j gj gt "cp'kpf kġf wcn' k'ı kġgf "qt'pqv'k'f gvto kpgf "cpf 'f kci pqgf "dcugf "qp'xctkqmw'etkgtk0I kġgf 'ej kf tgp'y j q'ctg'f kci pqgf "

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cv'uej qqr'ci g'ecp'tgegkxg'uw r qt v'gf wecvkqp'kp'uekpeg'cpf 'ctv'egpvgtu'chh'k'v'gf 'y kj "O GD'D NUGO u" eqpf wev'uekpv'ue'cpf 'ctv'ue'uw r qt v'gf wecvkqp'r tqi tco u'ceeqt f kpi "v'j g'ej kf u'vcrgpv'ctgc" \*W wp." 4226-0'

Vj ku'uwf { "cko gf "v'f gvgto kpg"j qy 'r ctgpvu'r gtegkxg'i kmgf "ej kf tgp"cpf "uekpeg"cpf "ctv'egpvgtu'0'k'rkpg" y kj "vj ku'r vtr qug."cpuy gtu'y g'g'uqwi j v'v'j g'hqmjy kpi "umd/r tqdrgo u="

- Y j cv'ctg'vj g'o gvrj qtu'qh'r ctgpvu'tgi ctf kpi 'i kmgf "ej kf tgpA"
- Y j cv'ctg'vj g'o gvrj qtu'qh'r ctgpvu'tgi ctf kpi "uekpeg"cpf "ctv'egpvgtuA"

C'r j gpqo gpqmi kecnf guki p."qpg'qh'vj g's wckx'v'g'tgugctej "o gj qf u."y cu'wugf "kp"vj g'uwf { 0Vj g'tgcuqp" hqt "ej qqkpi "vj ku'f guki p"y cu'v'f gvgto kpg'vj g'r ctgpvu'cpcmi kgu'tgi ctf kpi "i kmgf "ej kf tgp"cpf "uekpeg" cpf "ctv'egpvgtu'0'k'vj ku'eqpvzv."55"r ctv'ekr cpw'y j q'r ctv'ekr cv'gf "kp"vj g'uwf { "y gtg'cungf "v'k'm'q'w'vj g" hqto "kp"y j lej "vj g'hqmjy kpi "g'zr tguukpu"y g'g'y tkwgp<öC"i kmgf "ej kf "ku'rkng"í í í 0í í í í 0" dgecwug" í í í í í í í 0" cpf " öC" uekpeg" cpf " ctv' egpvgt" ku' rkng" í í í í í 0" dgecwug" í í í í í í í í í í í ö'Eqpvgpv'cpcn'uku'o gj qf "y km'dg'wugf "v'c'pcn' g'vj g'qdv'ekpgf "f'cvc0'

**Keywords:** "i kmgf "ej kf ."uekpeg"cpf "ctv'egpvgt."o gvrj qt0'

"



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#### EBEVEYNLERİN GÖZÜNDEN ÜSTÜN YETENEKLİ ÇOCUK: YÜKSEK IQ'NUN KÖKENLERİNİ KEŞFETMEK THE GIFTED CHILD THROUGH THE EYES OF PARENTS: EXPLORING THE ORIGINS OF HIGH IQ

Gökay ATILGAN<sup>1</sup>

<sup>3</sup>W/o cp "Qmw'RuknqrqlknlFcp, o cp., "Cpcf qnw"©pkxgt ukvguk "G kko "Rtqi tco rct, "xg" t gvko . "Gunk gj kt. " VĀtnkġ gO'

<sup>3</sup>QTEKF "KF <j wr u-llqt ekġ Qti I222/2224/: ; 38/99; 4"

Yusuf Oktay ATILGAN<sup>2</sup>"

<sup>4</sup>F qmqt "RuknqrqlknlFcp, o cp. "OGD. "Muc o qpw. "VĀtnkġ gO'

<sup>4</sup>QTEKF "KF <j wr u-llqt ekġ Qti I222/2225/3974/; 897"

Mehmet YAŞAR<sup>3</sup>

<sup>5</sup>W/o cp "Qmw'RuknqrqlknlFcp, o cp., "OGD. "Quo cpkġ g. "VĀtnkġ gO'

<sup>5</sup>QTEKF "KF <j wr u-llqt ekġ Qti I222; /2223/3664/5854"

Emiř ATILGAN<sup>4</sup>"

<sup>6</sup>Uquf criJ kġ o gvgt "W/o cp., "Cpcf qnw"©pkxgt ukvguk "Uquf qrlk "Gunk gj kt. "VĀtnkġ gO'

<sup>6</sup>QTEKF "KF <j wr u-llqt ekġ Qti I222; /2229/: 892/5; 66"

#### ÖZET

pucp'r qtcrukġ grkpk'cprco c'xg'ĀuvĀp" { gvgpgmkk k'p'p'gtgf gp'nc { pcncpf , , p, 'nextco , 'ctc { , , j go 'o gtcni j go 'f g'pgo 'c , { cp' dkt' nupw' wtO'uvĀp" { gvgpg k'dgk'ngo g'4+Āvgtk'pf gp' dkt'k'qnc' \ gm-'Muc { , u, "IS + k'kp' dkt' uc { , f cp' f cj c' h' r u, " qrcni' dkt'g { k'p" g kko " h' tuc'wct, p, " mtkġ gt" qrcnc' p, " xg" uqu { cn' gvng ko rgtk'k'gvng { gdk'gp' dkt' qni w' dc rco , pf c' f kmev' +gnko gmgf k' \*I Āxgp' xg' Cg' C' ngunk. "4232+0' uvĀp" { gvgpgmkkni' qni wupw' ncto c , ml' n'4ng'p'gt' ucj k' qm cu, pf cp' f qnc { , cncp { c | , pf c' dkt' +qni' ctc v, to ce, " vctch, pf cp' i gpgvni' xg' +gxt gugn' hcm'4ngt" dc rco , pf c' vctv, o c' nupw' qm w wtO' uvĀp" { gvgpgmkkni' q w vcp' o , i gm gmgf k' A' qmuc " +gxt gugn' hcm'4ngt " ĀuvĀp" { gvgpgmkkni' Ā' gtpg' gvngk' o k' k' A' uqt wct, pc' xgtk'gp" { cp, vct' +qew w' { gvgpgmkk' xg { c' | gnk' qm cu, pc' dcmo cmu, | p' i gpgvni' xg' +gxt gugn' hcm'4ngt' dkt' +qew w' { gvkt' o gf g' g' k' f gtgeg' g' pgo ik' qf w w' dgrk' vko gmgf k' \* : | dc { . "4235+0' Dw' dc rco f c' k' pucp' dg { plkp' i grk ko k' Ā' gtpg" { cr, np' ctc v, to cncf c' f c' dkt' dkt' g { k'p" { c cp, u, p, p' gngp' f' pgo rgtk'pf gnk' f gpg { ko rgtk'p' dg { plkp' dgk'rk' cncp' rct, pf c' dĀ { Āo g' xg' i grk o gukp' gvng' gw k' xwti wcpo cmcf, t0C { t, ec' gdgxg { p'gtk'p' +qewmct, pc' uwpwec , | gpi k'p'g vkt' ko k' dkt' qt vco . "f guvgm { lek' hccrk' gvgt' xg' v'g xkn' gf lek' k' +gtk' mgt' k'g' +qewmct, p, p' gpvngm' Ā' ni' grk ko rgtk'p' n'vni' uc r { cdk' gmgmgt' k' dgrk' vko gmgf k' \* Dc { nq ± F' pgo gl . "4236+0'

¥ qewmct, p' ĀuvĀp" { gvgpgmkk' qm cu, i gpgf g' dkt' g { k'p" { c cp, u, p, p' k'p'g { gp' uĀ' gek' pf g' g' f g' gw k' k' dc ct, rctc' i 3/4 g' dgrk' ngpo gmgf k' t0C pecni' ĀuvĀp" { gvgpgmkk' vcp, u, 'cni, p' xg { c' 'cm cu, p' ĀuvĀp" { gvgpgmkk' qm c' r' qvcrukġ grk' qncp' +qewmct, p' gdgxg { p'gtk' dw' uĀ' g' +xg' ĀuvĀp" { gvgpgmkk' dkt' +qew w' { gvkt' o g' xg { c' +qewmct, p, p' 3/4 gnk' mgt' k' dc rco , pf c' f guvg g' l' j v' k' c ± f w' ucrcf c' gp' pgo ik' xgt' k' n' { pcncp, pf cp' dkt' k' k' qnc' dko gmgf k' \* C' v' " xg" O c | , . "4239 ± " | dc { . "4235+0' uvĀp" { gvgpgmkk' dkt' g { k'p' vcp, rco c' xg' f g' g' g' tngp' k' to g' uĀ' gek' pf g' gdgxg { p'gtk'p' vco co r { , e, " dkt' t' qng' ucj k' qf w w' xg' pgo ik' h' vni' mct' uwp' dc k' g' k' dgrk' vko gmgf k' \* Nk' xg' Ctncf c' rct, "422: ± Y w'4232 ± M' grk' xg' O qlec. "4243+0'

Uqp" | co cncf c' cncp { c | , pf c' ĀuvĀp" { gvgpgmkk' qni wupw' xg' ĀuvĀp" | gm-'nextco , " Ā' gtpg' pcu, ni' vcp, o r { , r' f g' g' tngp' k' to g' p' qm cu, pf c' dkt' h' n' k' d' k' r' k' qm cuc' f c' ĀuvĀp" { gvgpgmkk' +qewmct, p' vcp, rco cu, " xg'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

{3pmpf ktko gukpf g'f g'dcl , "dgrtkuk rknngt"u3/4 "nqpwuw"qrf w w'dgrtk vkpdkrt0Dw'dc rco f c "ÄuÄp" { gvgpgni qni wuw' xg' vcp, rco c "uÄt gekpg" {3pgrkn' gdgxc {pgrtkp "öÄuÄp" { gvgpgmk' ±qewni" cni , rct, "f c" ctv, ni f kmév' gf kno guki gtgmgp'3pgo rkdkt "c { t, pv, "qrctmikrcf g'gf krgdkrt0'

Dw'±cn o cf c "gdgxc {pgrtkp "ÄuÄp" { gvgpgmk' ±qewni' xg' vcp, rco c "uÄt gekpg" ktk nkp" i 3/4 Ä ngt kpk' dgrtk ngo gni co c±rpo , v, t0' ¥ cn o c. " pkgn' ctct v, to c " {3pvgo k' k±gtkukpf g' {gt" crp" f vto w " ±cn o cu, " f gugpkpf g' { ÄÄÄÄ Ä vÄt0' ¥ cn o c {c" 4245/4246" g kko /3/4 tgvko " { , n, p f c" Mcuco qpw' xg" Quo cpk { g' kngt kpf g' D NUGO "cf c { "dgrtk ngo g'uÄt gekpf g' ±qewni, pc' g rkn' gfp 55\*43' hcf , p' xg' 34' gtngm' gdgxc { p' hcv, m , v, t0' ¥ cn o cf c " i 3/4 Ä o g' {3pvgo kpg" {gt" xgtko k " xg" i 3/4 Ä o grgt" ctv, to ce, rct" vtchpfp cp" j cl , trpcp" xg" w o cp" i 3/4 Ä Ä' cnpcp" {ct, " { cr, rcpf, t, m , " i 3/4 Ä o g' hqto w' nwrp, rctcn' i gt±gmg vktko k vkt0' Gf g' gf krgp" xgtkgt' k±gtknkpcrk k' {3pvgo k' rg' cpcrk " gf kregmk0'

**Anahtar Kelimeler:** "©uÄp" { gvgpgmk' ±qewni' ÄuÄp" | gni 'vcp, rco c "uÄt gek0'

#### ABSTRACT

Vj g'ugctej 'hqt' wpf gtucpf kpi 'j wo cp'r qvpgvknkpcf 'vj g'eqpegr v'qih'y j gtg'i khgf pguu'qt ki kpcvku'c' uwdlgev' qh' dqij " ewtkukuf " cpf " ko r qtvcpog' kvgnki gpeg" S vqkpgv' \*S ± " qpq" qh' vj g' etkgtk " hqt" f gvgto kpkpi " i khgf pguu' ku'f tcy kpi " cvgpkvq' kp' vj g' eqpvzv' qh' c' r j gpqo gpqp' vj cvku' o qtg' vj cp' lwa' c' pwo dgt' cpf " ecp" chgevc' p' kpf kxf wcu' gf vecvkpnc' qr r qvwpkkgu' ectgg' qr r qvwpkkgu' cpf " uqeknkpvgtcevku' \*I Äxgp' cpf " Ghg" C| ngump. '4232-0Ukpeg' vj g' r j gpqo gpqp' qh' i khgf pguu' j cu' eqo r rnz " tqqu. " k' j cu' dggp' c' uwdlgev' qh' f kwuwkq' d' { 'o cp' { 'tugctej gtu' kp' vj g' kvgtcwtg' kp' vj g' eqpvzv' qh' i gpgve' cpf " gpxkqpo gpcn' hcvqtu' 0Vj g' cpuy gtu' vq' vj g' s' wumkqu' qh' y j gvj gt " i khgf pguu' ku' kppcvg' qt " gpxkqpo gpcn' hcvqtu' chgevc' i khgf pguu' kpf kevc' vj cv' i gpgve' cpf " gpxkqpo gpcn' hcvqtu' ctg' gs wcu' { " ko r qtvcpv' kp' tckukpi " c' ej kf . " tgi ctf nguu' qh' y j gvj gt " vj g' ej kf " ku' i khgf " qt " kvgnki gpv' \* " | dc { . '4235-0Ikv' vj ku' eqpvzv. " uwf lgu' qp' vj g' f gxnqr o gpv' qh' vj g' j wo cp' dtckp' cnu' go r j cuk g' vj cv' gzr gtlgpegu' kp' vj g' gctn' " uci gu' qh' cp' kpf kxf wcu' rkg' chgevc' vj g' i tqv vj " cpf " f gxnqr o gpv' qh' egtckp' ctgcu' qh' vj g' dtckp0' K' ku' cnu' uvcvf " vj cv' r ctgpw' ecp' eqpvtkdwg' vq' vj g' kvgngevc' f gxnqr o gpv' qh' vj gk " ej kf tgp " y kj " cp' gptlej gf " gpxkqpo gpv. " uwr r qvwxg' cevkkkgu' cpf " ukö wrcvki " eqpvv' vj cv' vj g' { " qh' ht " vq' vj gk " ej kf tgp " \*Dc { nq ±F 3/4 po gl . '4236-0'

Vj g' i khgf pguu' qh' ej kf tgp " ku' i gpctcm' { " f gvgto kpgf " d { " vj g' uveeguugu' cej kxgf " d { " vj g' kpf kxf wcu' kp' vj g' eqwtug' qh' vj gk " rkg0' J qy gxtg. " r ctgpw' qh' ej kf tgp " y kj " vj g' r qvpgvkn' vq' dg" i khgf . " y j gvj gt " vj g' { " ctg" f kci pquf " y kj " i khgf pguu' qt " pqv. " ecp' dg' qpq' qh' vj g' o qu' ko r qvcpvf cv' uqwtugu' kp' vj ku' r tqegu. " gxp' kh' vj g' { " pggf " uwr r qv' kp' vgtö u' qh' tckukpi " c' i khgf " ej kf " qt " vj gk " ej kf " u' ej ctcevtkku' \*Cvg " cpf " O cl , . '4239-0 " | dc { . '4235-0Ikv' ku' uvcvf " vj cv' r ctgpw' j cxg' c' eqo r ngo gpvct { " tqrg' kp' vj g' f kci pquku' cpf " gxcnvc' kqr' r tqegu" qh' c' i khgf " kpf kxf wcu' cpf " ecp" o cng' ko r qvcpv' eqpvtkdwkqu' \*Nkgv' cn0' 422: =Y w4232=Mgrk' cpf " O qlcc. " 4243-0'

Cnj qwi j " vj gtg' ku' pq' eqpugpuw' kp' vj g' kvgtcwtg' qp' j qy " vq' f ghkg' cpf " gxcnvc' vj g' r j gpqo gpqp' qh' i khgf pguu' cpf " vj g' eqpegr v' qh' i khgf " kvgnki gpeg. " k' ecp' dg' uvcvf " vj cv' vj gtg' ctg' uqo g' vpegtckp' kku' kp' vj g' f kci pquku' cpf " i vkf cpeg' qh' i khgf " ej kf tgp0' Ikv' vj ku' eqpvzv. " r ctgpw' r gtegr vqpu' qh' " Si khgf " ej kf tgpS' tgi ctf kpi " vj g' r j gpqo gpqp' qh' i khgf pguu' cpf " vj g' kf gpxkqpo r tqegu' ecp' pqy " dg' gzr tguugf " cu' cp" ko r qvcpvf gvcl' vj cv' pggf u' vq' dg' r ckf " cvgpkvq' vq0'

Vj ku' uwf { " clo gf " vq' f gvgto kpg' r ctgpw' / xkgy u' qp' i khgf " ej kf tgp' cpf " vj g' kf gpxkqpo r tqegu0' Vj g' uwf { " y cu' eqpf wevf " wukpi " c' ecug' uwf { " f guki p' y kj kp' vj g' s' wcnkvcxg' t' guctej " o gvj qf 055' r ctgpw' \*43' hgo crg" cpf " 34" o crg + y j q' ceeqo r cpkpf " vj gk " ej kf tgp " f wtkpi " vj g' D NUGO " ecpf kf cvg' f gvgto kpcvq' r tqegu' kp" Mcuco qpw' cpf " Quo cpk { g' r tqxkpegu' kp' vj g' 4245/4246 " cecf go ke " { gct " r ctvkr cvgf " kp' vj g' uwf { 0' Vj g' kvgtxkgy " o gvj qf " y cu' wugf " kp' vj g' uwf { " cpf " vj g' kvgtxkgy u' y gtg' eqpf wevf " wukpi " c' ugo k' ut wewt' gf " kvgtxkgy " hqto " r tgr ctgf " d { " vj g' t' guctej gtu' cpf " gzr gt v' qr kpkq' y cu' qd' ckpgf 0' Vj g' f cv' qd' ckpgf " y kn' dg' cpcn' | gf " wukpi " vj g' eqpvv' cpcn' { uku' o gvj qf 0" "

**Keywords:** "I khgf " ej kf " . uwr gkqt' kvgnki gpeg. " f kci pquke " r tqegu0'

ABSTRACT BOOK

NANOPARTİKÜLLERİN GIDA GÜVENLİĞİNDE KULLANIM POTANSİYELİ  
USAGE POTENTIAL OF NANOPARTICLES IN FOOD SAFETY

Gülden KILIÇ<sup>1</sup>

<sup>3</sup>F10<sup>1</sup> t0©{guk'Crp{c'©pkxgt ukvguk'Ucpv'xg'Veuct,o 'Hcn'Anguk'I cıst qpqo k'xg'O wltmUcpcvct,"  
D'Áo Á.'Crp{c.'Cpwr{c.'VÁtnk' gO

<sup>3</sup>QTEK 'K' <j wru<lqtelk'Qti I222/2223/8347/843; "

ÖZET

P cpqvgnpqnlk'pcpqo gvtkn'dq{wcnk'o cıj go grgtk'kpegrg{gp' dkt' dıko f k' xg' dq{ wrct, "3" kg"322" po " ctcu, pf c' f g k gp" o cıj go grgtg" pcpr etvkn'Ái' \*P R+ f gpkno gmgf kO' P Røgtk' mÁ±Án' dq{ wcc" qm cıct., " { Ámgn' { Á g{ lj celo " qtcpc, pc" ucj k' " qm cıct., " { Ámgn' { Á g{ " tgcmlkxkvgngtk' ±4 ÁpÁnÁmgtk' xg" ±qnl' k rıxugmknı kdk'34 grıkmgtk'p' gp' f qm {, " ±g kık'w' i wıo c' bırcırt, " dıwıpo cmcf, tODwhıer uco f c' P Røgt. 'kr±' kgıko " ukıvgı ngtk" vct, o " xg" i, f c" gp' Áıtk'k' i kık' dkt±qm' cırcp' c' cpıko kntqdk' cı' cpıvıqmıf cp. " ukıvıqmıkn" cpıvık' hırcıo cıwct " xg" cpıvırcıpgı " cıcp' qırcıcnı' mıwırcıp, o " r qıvcıpk' grıkg' ucj k' vıtOI , f c" i Áıgprı k' p' g' P Røgtk' . " 34 grıkmıg' hıqtıwıo c' xg' k' rıgo g' vıgnıpqnlk' gıg' d' Áı Áındk' r' qıvcıpk' grıkdıwıpo cmcf, tOI , f c' vıg' cıtkınl' k' p' k' p' k' j gt " c' co cu, pf c' o kntqıti cpı k' o cıct. " cıctıcnı' nıko { cırcıct " xg" ±gıxtıgıgn' hıcnı' 4 rıgtıf gp' nı { pcırcıpcı' tıkmıgtk' p' cı' cıcnı' mı cu, pf c' " P Røgt " 34 pıgo rı k' dıkt' tıqn' qı { pıco cmcf, tO' Cpıko kntqdk' cı' 34 grıkmıgtk' uc { gıpkıf g' P Røgt. " i, f cıct, p" tch' 3o tÁpÁ' wı cıo cınl' xg" dqı wıo cı {, " 34 pıgo gınl' co ce, {ırcı " i, f c" co dırcırcıct, pf c' mıwırcıp, rıdkıno gımgf kO'Dw' nıer uco f c. " Cı . " pQ " xg" VıQ4 " i kık' P Røgtk' . " dıcmıgtk' gınl' Áıgo gı k' gıpi gıng { gt gınl' i, f cı, p" nırcıkgıpk' xg" i Áıgprı k' p' k' cıwı, tıcdıf k' k' qıvcı { c' nııpwıo wı wıtO' C { t, ec. " i, f cıct, p" i Áıgprı k' p' g' cpıko kntqdk' cınl' cıngıvıgo g' vıgnıpqnlk' k' qırcıcnı' mıwırcıp, rıpcı' cmık'ı' r' cıngıvıgo g' wı' i wıo cıct, pf c' f c' Cı . " Cıwı " p" i kık' hıctıcnı " o gıvıngıf gp' xg" VıQ4 . " pQ . " UkQ4 " xg" O i Q " i kık' o gıcnı' qımkıvıgtıf gp' qınwı cpı' pcıpqo cıj go grıtk' p' mıwırcıp, rıdkıngıe k' vıgur k' gıf kıo k' vıtO' " vıg" { cpıf cp. " P Røgt " i, f c" co dırcırcıct, pc" xg { c' ugıpı' 4 rıgtıg' gpıgı tg' gıf kıgtıgm " i, f cıctıf cınl' dqı wıo cı " uÁıgırtıpk' xg { c " rıcvılgıp " xıctıcnı , p, " vıgur k' gıvo gınl' co ce, {ırcı " f c" mıwırcıp, rıdkıno gımgf kO'Dw' vıÁı " wı' i wıo cıct. " j go " i, f c " Áıgıvıekıgtk' j go " f g' vıÁıngıvıekıgt " k' p' f cı " i Áıgprı k' dıkt " i, f c " vıg' cıtkınl' k' p' k' qınwı wıwıo cu, p, " ucı " nıo cmcf, tO'Dwıpwırcı " dıkrıkmıg. " P Røgtk' p' k' ucı " nı , " Áı gıtkıf gınl' gıvıngıgtk' nııpwıwpıf c' f cı " hı " rı " cıte vıto cı " { cr, mı cınf, tO' P Røgtk' " vımkıvıgı " r' qıvcıpk' grı' xg " xıÁıewıc " dıkrıknıo " qırcıu, nı , " dwı' vıgnıpqnlk' p' k' i gıpk " ±ırcı vı " mıwırcıp, rıdkıno gınl' k' p' gıng " cınpıo cu, " i gıngıgı " 34 pıgo rı k' nııpwırcıf, tO' F qırcı, u, {ırcı. " i Áıgprı k' xg " xıgtıko rıkrınl' cıtcı, pf cınl' f gıpi gı k' ucı " nıo cınl' co ce, {ırcı " dwı' cırcıpf cınl' dıkrıo ugınl' ±ıcnı o cıct, p' f cı " hı " rı " { cr, mı cu, " i gıgnıo gımgf kO'Dwı' ±ıcnı o cıf c. " P Røgtk' " i, f cı " i Áıgprı k' p' gı' mıwırcıp, o , " kıgı' kı kık' { cr, nıp' ±ıcnı o cıctıf gı gıngıpf kı kıo k' vıtO'

Anahtar Kelimeler: 'P cpqvgnpqnlk' i, f c' i Áıgprı k' cpıko kntqdk' cınl'

ABSTRACT

P cpqvgıej pıqıı { " kı " c " uıekıgıe " vıj cvı' uıwıf kıgıu " o cvıgtkıcnı " qıhı' pcıpqo gıtkı " ukı " gı " cpıf " o cvıgtkıcnı " y kıj " f kıo gıpkıqıpu " tıcpı kıpi " İt qıo " 3 " vı " 322 " pıo " cıtgı' ecıngıf " pıcpıqr cıtcıvıknı " \*P Ruı+O' P Ruı' j cıxıgı' xıctıkıqıwı' cırcı rı nıecıvıkpı' cıtgıcuıf vıgı' vı " vıj gıkt " rı tıqr gıtkıgıuı' uıej " cuı' uıo cınl' ukı " gı . " j kı j " uıwıhıcegı kıqınwıo gı " tıcvıkı . " j kı j " uıwıhıcegı " tıgıceıvıkıvı { . " uıqındıkrıvı { . " cpıf " o vınlk / hııpeıvıkpırcıvı { O' k' vıj kıı' eqıpvıgzıvı " P Ruı' j cıxıgı' vıj gı' rı qıvıpkıcnı " vı " dgı' wııgıf " cuı' cpıko kıetıqdkıcnı " cpıvıkıqızkıf cpıvı' eı { vıqıvızkı . " cpıvıkı' lıhırcıo o cıvıqt { . " cpıf " cpıvıkeıpegtı " cıı gıvıı' k' p' o cpı { " cıtgıcuı' uıej " cuı' fı tıwı " fı gırkıxıgtı { " uı' uıgo uı " cıı tıkwınwıtgı . " cpıf " vıj gı " hıqıf " k' p' fı wıı { O' P Ruı' j cıxıgı " i tıgıvı " rı qıvıpkıcnı " k' p' " hıqıf " uı " chıgıvı . " gıur gıekıcnı { " k' p' " rı tıqıvıekıqı " cpıf " o qıpkıqtı k' pı " vıgıej pıqıı kıgıuı' P Ruı' rı nı { " cpı " k' o rı qıtcıpvı " tıqrı " k' p' " tıgıf vıekıpi " tıkınnı " İt qıo " o kıetıqıti cpıkuo uı " j cıto hıwıı' ej go kıecınnı . " cpıf " gıpxıktıqıo gıvıcnı' hıevıqtı " cvı' gıxıgtı { " uıci " gı " qıhı " vıj gı " hıqıf " uıwı " rı nı " ej cıkpıO' Vıj cıpmı " vı " vıj gıkt " cpıko kıetıqdkıcnı " rı tıqr gıtkıgıuı " P Ruı' eıcpı " dgı' wııgıf " k' p' " hıqıf " rı cıcnıı kıpi " vı " gıgzıvıgıf " vıj gı " vıj gıhı' hıkgı " qıhı " hıqıf " uı " cpıf " rı tıgxıgıvı' urı qıkıcnı gıO' k' p' vıj kıı' eqıpvıgzıvı " kıj " cuı' dgıgıpı " tıgxıgıcnıf " vıj " cvı " P Ruı' uıej " cuı " Cı . " pQ . " cpıf " VıQ4 " eıcpı " k' p' etıgıcgı " vıj " gı' sı wırcıvı { " cpıf " uı " chıgıvı { "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

qh'hqf "d{ 'kpj kdkkpi "dcevtkcn'i tqy vj O'k'cf f kkp. 'k'j cu'dggp'f ggevgf 'vj cv'pcpqo cvgtkcn'eqpukukpi "qh' f khtgtpv'o gvcu'uwej "cu'Ci . "Cw"cpf "\ p. 'cpf "o gvcn'qzkf gu'uwej "cu'VkQ4. \ pQ. "UkQ4. 'cpf "O i Q'ecp'cnq" dg"wgf "kp"cevkg'r cenci kpi "cr r rkecvkpu"cu'vj g"cpko letqdkcn'r cenci kpi "vej pqmi { "kp'hqf "uchgv{ O'Qp" vj g"qvj gt'j cpf . "P Ru'ecp"dg'kpgi tcvgf "kpv'hqf 'r cenci kpi "qt'ugpuqtu'vq'f ggevr qkrci g'r tqeguqt'v'j g" r tgupeg"qh'r cvj qi gpu"kp'hqf O'Uwej "cr r rkecvkpu"rtqxf g"c"uchgt'hqf "uwr n{ "ej ckp"ht"dqj "hqf" r tqf vegtucpf 'eqpuwo gtuOJ qy gxgt. "o qtg'tgugctej "uj qwr "dg'eqpf vevgf "qp'vj g'ghgevu'qh'P Ru'qp'j wo cp" j gcnj OVj g'vzkek'f 'r qvkvkri'qh'P Ru'cpf 'vj g'r quukdkk'f "qh'ceewo wrcvqp'kp'vj g'dqf { 'ctg'ko r qtvcvkuwgu" vj cv'pggf "vq'dg'cf f tguugf "dghqtg"vj ku'vej pqmi { "ecp"dg'y kf gn' "wgf OVj gtghqtg. "o qtg'uekpvkhe"uwf kgu" kp'vj ku'ctgc'ctg'pggf gf "vq'gpuwtg'vj g'dcrrpeg'dgy ggp'uchgv{ "cpf "ghhece { O'k'vj ku'uwf { . "uwf kgu'qp'vj g" wug'qh'P Ru'kp'hqf "uchgv{ 'y gtg'gxcnvcvgf O"

**Keywords:** "P cpqvej pqmi { . 'hqf "uchgv{ . "cpko letqdkcn'f

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SEZAI KARAKOÇ'UN "AV EDEBİYATI" ADLI ŞİİRİNE EKOELEŞTİREL BİR BAKIŞ  
ON SEZAI KARAKOÇ'S POEM "HUNTING LITERATURE" AN ECOCRITICAL  
PERSPECTIVE

Esra AKSÖYEK

<sup>3</sup>F qmqt c'' t gpekuk 'Xcp' [ Ā/ Āpe Ā ] , n' Ćp kxgt ukuguk 'Gf gdk cv' Hcn Ānguk 'V Āt m' F k k' xg' Gf gdk cv, 'Xcp.'  
V Āt nk' g O'

<sup>3</sup>QTEK 'K' < j wr u- lqt ek' Qti I2222/2224/726: /5299"

ÖZET

Gmugrg vkt'gnugrlk'xg'grg vkt'kngko grgtkpk'mucn,rcenidkng vkt'ko gulpf gp'qmw cp'dk'gf gdk cv'grg vkt'kuk' mawco ,f,t0Co gtnec' c'3; ; 2m,"{ ,nctf c'qtvc {c'±,nep'gmugrg vkt'dk'hextco "qrctcnlkmf ghe'3; 9: "{ ,nrf c' Co gtnen ,cmf go ku' gp'xg'gf gdk cv'grg vkt'kuk'Y knlco 'T wngt'v'ctch, pf cp'hwmp, nt'0Gmugrg vto gprgt' kpucp'vctch, pf cp'f q cp,p'dk'p'±k eg'grg' g'±k'ko gulpk'xg' co o cf f g'hc {pc , 'qrctcnl'±/o Ā Ām gulpg'hct , " ±,nctrt'0D'hwatco . 'f q cf cnk'j gt" g{k'p'dk'dk'p'g'dc , o n' q'f w w'r t'g'p'k'k' ng'j gt'ecpn, { , 'dk' 'dk'g { 'qrctcnl' n'edw'gf gt'0' pucp, p'f k gt'ecpn'rcnr' q'rcp' g'v'k'ng ko k'k'g' dk'±ko ngpf k'kp' ucxw'p'w'0' Gmugrg vkt'gf gdk cv' gugrt'k'p'f g'f q cp,p'pcu, n'hwmp, rf , ,p, 'k'pegro gmg'ncro c| . 'f q c {c' " Āngpgp'uko i gugn'c'p'rc' nctc' dw' c'p'rc' nct, p'qmw wtf w w'f Ā Āpeg'ncnr nct, pc'f c' , , m'vwct'0F q cp,p'grg'cnp, " g'nk'ngt'k'gf gdk'gu'gf g'dk' o gm-p'qrctcnl'f q c. 'f q c'v'cx'k'ngt'k'f q c' "{c| ,p, 'v'Ā Ā'gmugrg vkt'kpk'etc vto c'c'ncp, p, 'ner uct'0'

V Āt m'gf gdk cv, pf c'j gt'f'±pgo f g'f q c. 'gf gdk'gu'grt'k'p'±pgo r'k'dk' 'o cn' go gulpk'qmw w'w'w'0F q c'ko i grgt'k' u'±4 n'Ā' i grpgm'gp'o qf gtp'gf gdk cv'nc'ct'j gt'f'±pgo f g'ngpf k'p'k'dg'k'i k'p'qrctcnl'i ±4vgt'k'0D'w'dc nco f c' 3; 77/"3; 87' "{ ,met, "ctcu, pf c'±p' r'ncp'±,nep' nk'pek' [ gpk' ckt'ngt'k'p' k'ngt'k'p'f g'f g'f q c'±pgo r'k'dk' "{gt' w'w'ct'0' nk'pek' [ gpk' ckt'ngt'k'ctcu, pf c'f g g'ngpf k'k'p'Ugl ck'Mctcn'±. " k'ngt'k'p'f g'Dcv, 'o qf gtp' k'k'p'k'p' "{cr, " ±4 g'nk'ngt'k' ng. " i grpgm'gn' k'cf g' xg' ko c'ncr, " dk' "ctc' {c' i g'k'k'0' Mctcn'±owp' k'ngt'k'p'f g' nk'pek' [ gpk' ckt'ngt'k'p'f g' ±4 Āng'p'dw'pcno . 'wo wuw' nwn'i kdk'±4 g'nk'ngt' i ±4 Ām gl'0Q'p'w'p' k'ngt'k'p'f g'dk'ug'x'p'±'xg'wo w' u'±4 "n'p'w'w'ct'0D'w'p'w'nc' dk'rk'ng'o g'v'cl'k' km'f'k'p'xg'f q c' "Mctcn'±owp' k'ngt'k'p'f g'u, m, m'nc' "{gt'x'gt'f k'k' n'p'w'w'ct'ctcu, pf cf , t'0Mctcn'±'dk'±qm' k'k'p'f g'f q c { , "o g'ng' g'c'nt'0D'w'v'cl' " k'ngt'k'p'f gp'dk'k'q'rcp'±'0C'x' Gf gdk cv, ö'cf n' k'k'p'f g'f q cp, p'kpucp'vctch, pf cp'u'±o Ā Ām gulpg'f km'v'±ngt'0'

Dw'±cn o cf c'Ugl ck'Mctcn'±owp'±'0C'x'Gf gdk cv, ö'cf n' k'k'gmugrg vkt'gn'k'k' "{±pgo ng'k'peg'rg'p'eg'gm'k'0'

Anahtar Kelimeler: "Gmugrg vkt'f q c. " nk'pek' [ gpk'Ugl ck'Mctcn'±"

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ABSTRACT

Geqetk'lekuo 'ku'c'v'j gqt { 'qh'k'ngt'ct { 'et'k'lekuo 'v' cv'eqo dk'p'gu'v'j g'y qtf u'geq'ni { "cpf 'et'k'lekuo 0Geqetk'lekuo . " y j k'ej "go gti gf 'k'p'v'j g'WU'k'p'v'j g'3; ; 2u'y cu'htu'w'wg'f "cu'c'eq'p'egr v'k'p'3; 9: "d { "v'j g'Co g'k'ecp'cecf go le" cpf 'k'ngt'ct { 'et'k'le'Y knlco 'T wngt'v'0'Geqetk'leu'qr r'q'ug'o cp'au'w'p'eq'p'ue'k'q'w'u'c'r r' t'qr t'k'v'k'p'cpf "g'zr n'k'k'v'k'p' qh'p'cw'w'g'cu'c' u'q'w'eg'q'h'it'cy "o cv'gt'k'cn'0V'j ku'v'j gqt { 't'ge'qi p'k' gu'g'x'gt { 'k'k'k'p'i 'v'j k'p'i 'cu'c'p'k'p'f k'k'f w'cn'q'p'v'j g' r' t'k'p'k' ng'v'j cv'g'x'gt { v'j k'p'i "k'p'pc'w'w'g'ku'k'p'v'gt'f gr'g'p'f gp'0'K'cti w'gu'v'j cv'j wo cp'd'g'k'p'i u'ct'g'uj cr gf "d { "v'j g'k' k'p'v'gt'ce'v'k'p'y k'j "q'v'j gt'k'k'k'p'i "d'g'k'p'i u'0'Geqetk'lekuo "p'q'v'q'pn' "g'zco k'p'gu'j q'y "pc'w'w'g'ku'w'wg'f "k'p'y q'tm'i'q'h' r'k'ngt'cw'w'g."dw'c'nu'uj gf u'ri'k'i j v'q'p'v'j g'u { o d'q'k'le "o g'c'p'k'p'i u'c'w'k'd'w'wg'f "v'q'pc'w'w'g'cpf "v'j g'v'j q'w'i j v'r'c'w'g'p'u' h'q'to gf "d { "v'j g'ug'o g'c'p'k'p'i u'0'V'j g'y c { u'k'p'y j k'ej "pc'w'w'g'ku'j cpf ng'f . "pc'w'w'g'cu'c' r'nc'eg'k'p'k'ngt'ct { "y q'tm'i . " f gr'k'v'k'p'u'q'h'p'cw'w'g."pc'w'w'g'k'ngt'cw'w'g'i g'p't'g'eq'x'gt'u'v'j g't'g'ug'ct'ej "ct'g'c'q'h'geqetk'lekuo 0'

K'p'V'w'w'k'uj 'r'k'ngt'cw'w'g."pc'w'w'g'eq'p'uk'w'w'gu'cp'ko r'q't'c'p'v'o cv'gt'k'cn'q'h'k'ngt'ct { "y q'tm'i'k'p'g'x'gt { "r'g'k'q'f 0P'c'w'w'g' ko ci gt { 'ku'g'x'k'f gp'v'k'p'g'x'gt { 'r'g'k'q'f 'h'q'o 'q't'cn'v'ct'f k'k'p'v'q'o qf gtp'k'ngt'cw'w'g'0'k'p'v'j ku'eq'p'v'z'v'pc'w'w'g'j' cu'c'p' ko r'q't'c'p'v'r'nc'eg'k'p'v'j g'r'q'gt { 'q'h'v'j g'U'ge'q'p'f "P'gy 'r'q'g'u'y j q'eco g'v'q'v'j g'h'q't'g'd'g'y g'p'3; 77'cpf'3; 87'0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Ugl cK'Mctcnq± "y j q"ku"eqpukf gtgf "co qpi "vj g"Ugeqpf "P gy "r qgu "eqo dkgu"vj g"utvewtcn'hgcwtgu"qh" Y gumtp"o qf gtp"r qgt { "y kj "tcf kkpncn"gzr tguakpu"cpf "ko ci gu"kp"j ku'r qgo u0Mctcnq±u'r qgo u'f q"pqv" f kur m { "vj g"ej ctcevgtkukeu"wej "cu'f gr tguakp"cpf "f gur ckt"uggp"kp"vj g'r qgu"qh"vj g"Ugeqpf "P gy 0Vj gtg"ku" lq { "cpf "j qr g"kp"j ku'r qgt { 0Kp"cf f kkp. "o gvr j { uku. "tgnk kqp"cpf "pcwtg"ctg"co qpi "vj g"wdlgeu'Mctcnq±" Hgs wgpv { "cf f tguu"kp"j ku'r qgt { 0Mctcnq±"r wu'pcwtg"cv"vj g"egpvt"kp"o cp { "qh"j ku'r qgo u0Kp"qpg"qh" vj gug"r qgo u "öJ wvki "Nkgtcwtgö."j g'f tcy u'cwgpvkp"v"vj g"gzr nkgvkv"qh'pcwtg"d { "j wo cpu0" Kp"vj ku'uwf { . "Ugl cK'Mctcnq±u'r qgo "öJ wvki "Nkgtcwtgö"y knldg"cpnc | gf "y kj "cp"geqetkkn'o gyj qf 0' **Keywords:** "Geqetkkn'o . "pcwtg. "Ugeqpf "P gy . "Ugl cK'Mctcnq±"

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PALYATİF BAKIMDA BAKIM VERENLERDE TÜKENMİŞLİK BURNOUT AMONG CAREGIVERS IN PALLIATIVE CARE

Ejdane COŞKUN<sup>1</sup>

<sup>3</sup> tOI 3/4Of t0' Quo cpk g' Mqt mw' Cvc 'Opkxgt ukuguk 'Uc nmiDsko rgt k' HcnAnvguk 'J go kt grkn' Quo cpk g' VAt nk gO'

<sup>3</sup> QTEK 'K' <j wr u< lqt ekf Qti I222/2224/3; ; ; /7893'''

Melda MENGİLLİ<sup>2</sup>

<sup>4</sup> t gpek 'Quo cpk g' Mqt mw' Cvc 'Opkxgt ukuguk 'Uc nmiDsko rgt k' HcnAnvguk 'J go kt grkn' D3/4Ao A''' Quo cpk g' VAt nk gO'

<sup>4</sup> QTEK 'K' <j wr u< lqt ekf Qti I222; /2222/4586/2; ; 5'''

Melek AYDOĞAN<sup>3</sup>

<sup>5</sup> t gpek 'Quo cpk g' Mqt mw' Cvc 'Opkxgt ukuguk 'Uc nmiDsko rgt k' HcnAnvguk 'J go kt grkn' D3/4Ao A''' Quo cpk g' VAt nk gO'

<sup>5</sup> QTEK 'K' <j wr u< lqt ekf Qti I222; /2222/4; 24/; 9; : : '''

Eyüp GÖKŞEN<sup>4</sup>

<sup>6</sup> t gpek 'Quo cpk g' Mqt mw' Cvc 'Opkxgt ukuguk 'Uc nmiDsko rgt k' HcnAnvguk 'J go kt grkn' D3/4Ao A''' Quo cpk g' VAt nk gO'

<sup>6</sup> QTEK 'K' <j wr u< lqt ekf Qti I'222; /2227/: : 69/; 892'''

ÖZET

Y J Qøi 3/4g Rcn{ cvkhDcmo . " { c co , "vgj f k'gf gp'j cuvcnmetc'g rknlgf gp' uqtwpret' kg' b Æcf grg'gf gp'j cuvc' xg" ckg" dktg{ rgtkpk' hk kngn" r uknuqu{ cn" o cpgxk' r tqdngo rgtkpk' gtngp" vcp, o mo c. "f g gtrgpf kto g' xg" ugo r vqo rct, "vgf cxk'gf gtgn'ce, "±gno grgtkpk' 3/4prg{ gp. "c| cncp" d3/4 rgeg" { c co "nriksgrtkpk' ctvto c" co ce, " qrcp" dk" { cmc , o f , t" \*Y J Q. "4246-0' J gt" , n' { cmc , n' qrcen' 78.: " o kn' qp" nk kpk' xg" dwpret, p" 47.9" o kn' qpwpw" { c co rct, p, p" uqp" { , npf c" r cn{ cvkh' dcmo c" kj vk' c±' f w' f w' dktf ktkm gmgf k" \*Y J Q. "4246-0' J qrkun' { cmc , o " i gtgmktgp" f gpg{ ko rk' g kko rk' uc nmi ±cn cprct, pf cp" qnw cp" o wnkf kuk rkpgt" gnkr " cprc{ , " kg" { Æt Æv Æn Æt' Dcmo " xgtgp" uc nmi ±cn cprct, " xg" j cuvc" { cmprct, " dw' u Æt g±vg" i Æt Æn Æn' { c co cmcf, t rct' Dcmo " xgtgp" j cuvc" { cmprct, " dw' u Æt g±vg" i grk' ne { d, . ne { dgvo g' hqtnmwu' uc nmi ne { i , u, " dgrikuk rkn' xg" utgu" { c co cmcf, t rct' xg" dw' f Æ Æpegrgt" dcmo " xgtgp" j cuvc" { cmprct, pf c" { gvtuk rkn' xg" v Ængpo k rkn' j kulpk' vknmgo gmgf k' O' V Ængpo k rkn' w' wp" u Æt grk" { q wp" xg" utgurk' ±cn o c" uqpwevpf c" dktg{ rgtkpk' hk kngn" f w' i wcn' xg" f extep, ucn' qrcen' v Ængpo guk" f w' ctu, | r o cu, " j k±dk" g" { cr o cni' kngo go guk' uqpwev' qtc' c ±ncp' r uknuqnlkn' dkt' ugpf tqo " qrcen' vcp, o rcpo cmcf, t" \*O curcej " ( " Icenuq. " 3; : 3-0' Dcmo " xgtgp" j cuvc" { cmprct, " v Æo " uqu{ cn' j c' cvret, " k" | qtnwmet, p, p" { cp, pf c' b guk' uccvgtk' f , pf c' j cuvcrt, { r' ki kppo gmgf k' O' J cuvc' dktg{ rgt' htqpknj cuvcnmet, " pgf gpk' rg' dw' f 3/4 pgo f g' dcmo rct, p, " { gtpkg' i gvtgo g' k' " cmco cu, pc" ugdgr " qrcdk' O' Dw' u Æt g±vg" dcmo " xgtgp' rgtg' f Æ gp" uqtwo nwnmet " ctvo cmc " xg" utgu" qnw wto cmcf, t" \*f , r f , | . " Cxe, " ( " [ , r f , | . " 0" 4245-0' Dw' f gtrgo g' kg" r cn{ cvkh' dcmo " xgtgp' rgtkpk' { c cf , , " uqtwpret' pgf gpk' rg" { c cf , nmet, " v Ængpo k rkn' k' vctv , mo cu, " co c±rpo cmcf, t' 0'''

Anahtar Kelimeler: Rcn{ cvkh' dcmo . " dcmo " xgtgp. " v Ængpo k rkn' "

ABSTRACT

Ceeqtf lpi "vq" Y J Q. "Rcnk' vkg' Ectg' ku' cp' cr r tqcej "j cv'cko u'vq' r t g xgp' v' cpf " tgf weg' uwhgtkpi " d { " gctn { " kf gp' w' hccvqp. " gxcncvqp " cpf " vtgcvo gp' v' qh' u' o r vqo u' qh' r' j { ulecn' r u' e j quqekcn' cpf " ur k' kwcn' r tqdngo u' "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

qh'r cvkpw'cpf 'hco kn' 'o go dgtu'utwi i npi 'y kj 'r tqdng u'cee qo r cp{ kpi 'rhg/vj tgcvgkpi 'f kgcugu 'vj wu' ko r tqxkpi 'vj gk's wckv{ 'qh'rhg '\*Y J Q.'4246-0'K'ku'tgr qtvgf 'vj cv'err tqzko cvgn{ '780 'o krikp'r gqr ng'cpf '470' 'o krikp'qh'vj go 'pggf 'r cmk'vkg'ectg'kp'vj g'rcu'f{ gct'qh'vj gk'rxgu'gxgt{ '{ gct '\*Y J Q.'4246-0'K'ku' ectt'kgf 'qwy' kj 'c'o wmk'k'ek'kpct{ 'vgo 'crr tqcej 'eqpuk'kpi 'qh'g'zr gtlgpegf 'cpf 'tckpgf 'j gcmj 'y qtngtu' vj cv'tgs wkt'gu'c'j qrk'ke'crr tqcej 'J gcmj ectg'y qtngtu'cpf 'r cvkpw'tgr'vkgu'y j q'r tqxkf g'ectg'g'zr gtlgpeg' f 'h'hw'kgu'kp'vj ku'r tqegu'0'rcv'kpw'tgr'vkgu'y j q'r tqxkf g'ectg'g'zr gtlgpeg'iqu'qh'kpego g. 'h'get'qh'iqu' 'j gcmj 'cpz'kgv{ 'wpegt'v'kpv{ 'cpf 'utgu'f wtkpi 'vj ku'r tqegu' 'cpf 'vj gug'vj qwi j w'vki i gt'c' 'h'g'g'kpi 'qh' kpcf'gs wce{ 'cpf 'dwt'p'qw'kp'vj g'ectgi kxgt'0'dwt'p'qw'ku'f g'k'p'gf 'cu'c'r u{ ej qm' i k'ec'n' u'f t'qo g'vj cv'q'ee'w'u' y j gp'kp'f k'kf w'cu'd'ge'qo g'r j { u'ecm{ . 'go q'v'k'p'cm{ 'cpf 'dg' c'x'k'q't'cm{ 'gzj c'w'v'gf . 'f g'ug'p'uk'k' gf 'cpf 'f q'p'qv' y cp'v'q'f q'cp{ vj kpi 'cu'c't'gu'w'qh'iqu' /v'go . 'k'p'v'p'ug'cpf 'ut'gu'hw'v' y qtn'0'c'ur'cej '( 'L'cem'qp.'3; : 3+0' Ectgi kxgtu'qh'r cvkpw'v'cng'ectg'qh'vj gk'r cvkpw'q'w'uk'f g'qh'y qtn'j q'w'u' 'kp'cf'f'k'k'p'v'q'vj gk'v'q'ek'n'rh'kgu' cpf 'y qtn'f 'h'hw'kgu'0'rcv'kpw'v' c { 'p'q'v'd'g'c'd'rg'v'q't' tqxkf g'vj gk'ectg'f wtkpi 'vj ku'r g'k'q'f 'f w'v'q'vj gk'ej' t'q'p'le' f kgcugu'cpf 'o c' 'ec'w'v'f g'r { u'0'f wtkpi 'vj ku'r g'k'q'f . 'vj g't'gur q'p'uk'k'k'kgu'qh'ectgi kxgtu'k'p'et'g'c'ug'cpf 'et'g'c'v'g' ut'gu'0'vj ku't'g'x'ky 'c'ko u'v'q'f k'ew'w'v'j g'dwt'p'qw'g'zr gtlgpegf 'd'f 'r cmk'vkg'ectgi kxgtu'f w'v'q'vj g'r tqdng u' vj g{ 'g'zr gtlgpeg'0'

**Keywords:** 'Rcmk'vkg'ectg.'ectgi kxgt.'dwt'p'qw'

"

#### REFERENCES

30 Y qtrf " J gcmj " Qti cpk' cvkqp." \*Y J Q+." j w'v'k'ly y y 0y j q'0'p'v'p'gy u't'q'qo 'l'cev' u'j g'g'w'lf g'v'k'n'r cmk'vkg'ectg'""G'0'V'0'<260304246"

40 O curcej . 'E0( 'U'0'G'0'L'cem'qp'3; : 3+'0'v'j g'O g'cu'w'go gp'v'qh'G'zr gtlgpegf 'Dwt'p'qwö. 'L'q'w'p'cn'qh' Q'ee'w' cv'k'p'cn'D'gj c'x'k'q't. 'X'q'r'0'4. 'r' r'0; ; '0'3350'0' curcej 'x'g'L'cem'qp.'3; : 3-<; ; +'

50 [ ,rf, | . 'H'0'V'0' 'C'xe, . 'Q'0'( "[ ,rf, | . " 0\*4245-0'V'j g'G'x'c'm'v'k'p'qh'vj g'D'w'f gp'cpf 'Dwt'p'qw'Ng'x'gn' qh'vj g'Ectgi kxgtu'qh'vj g'k'p' cvkpw'kp'Rcmk'vkg'Ectg'0'E'wo j wtk'g'v'O gf k'ec'n'L'q'w'p'cn'67\*5+.; 3/3240'



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#### SANAL ARAZİ YAKLAŞIMI VE ULUSLARARASI TARIM ÜRÜNLERİ TİCARETİ

*Arş. Gör. Dr. Saliha ÇELİK*

*Quo cpkfg'Mqtmw'cvc'©pkxgt ulvguk "mkucf k'xg" f ct k'Drko rgt 'Hcn'Anguk 'Wwurtctctcu, 'Vlect gv'xg" NqlknknD'4Ao Å. 'Quo cpkfg, 'VÅtnkf g, 'QTEKF <2222/2225/6836/8: 2; "*

*Prof. Dr. Harun UÇAK*

*Crcpfc'Crccfflp'Mg{mwdcv'©pkxgt ulvguk "mkucf k" f ct k'xg'Uquf c'n'Drko rgt 'Hcn'Anguk "mkucv'D'4Ao Å. " Crcpfc, 'VÅtnkf g, 'QTEKF <2222/2223/74; 2/7: 68"*

"

#### ÖZET

Gnkrgdkt'ctcl k'nc {pcmet, "m'Åtugni'3/4+gmg"j gt"i g+gp"i Åp"cl cncp'mv'dk"fq c'n'nc {pen'i'c'kpg"i gm k vkt'0 Dw'f wto f c" {q wp"p'Åwu'ctv, ., "j, | n"ngpvg o g'u'Åtgek'xg"fg k gp"v'Angko "nen,r rct, "dc v"qno cni'Å gtg" ±qni'uc {, f c"uqu{q/gm'p'qo kn'xg"±gxtgugni'ncm'3/4"gn'kk'qno cmcf, t0'Wwurtctctcu, 'vct, o "Å'Åprgtk'vlectgv'k'lug" gnkrgdkt'ctcl k'nc {pcmet, p, p" u'Åtf Å'Årgdkt" {3/pgko k'xg" nqt wpo cu, "j wuwupf c" qrf wnc" 3/pgo rk' dk" r qvc'pukf grg'ucj kr vkt'0U'3/4 "h'npwuw' r qvc'pukf gn'k'g'v'Åtf g'uc'pcn'ctcl k' {cmc , o, 'k'g'k'cf g'gf kno gmgf k'0U'c'pcn' ctc| k'vgtko k'vct, o "Å'Åprgtk'vlectgv'k'p'g'plj c'k'Å'Åprgtng' dkt'rkng'vct'chrt'ctcu, pf c" {gt'fg k vkt'gp"i 3/4'Åpo g {gp" ctc| k'nc {pcmet, pc'cv, hc" d'w'wpo cmcf, t0'Vct, o "Å'Åprgtk'vlectgv'k'p'g' r'kn'gf gp"uc'pcn'ctcl k'cm, rct, "Å'Åp" xg" {, n' 3/4 i Å'xgtko "fg g'ng'rt'k'Å' g'k'p'f gp"j guc'nc'p'cd'km gmgf k'0'Gnkrgdkt'ctcl k'nc {pcmet, p, p" u'Åtf Å'Årgdkt" {3/pgko k'xg" nqt wpo cu, "kug" w'wurtctctcu, "vlectgv" uc'pcn' ctc| k'cm, rct, p, p" Ång'rt'k'p" vct, o ucn' Å'gko " u'Åtgek'p'f g'ucj kr " qrf wnc, " r q| k'k'h' xgtko " hct'nc, " f q t'wuwupf c" f Å' g'p'rg'p'o guk'p'f gp"i g±o gmgf k'0' Dw' ±cn, o cf c" vct, o "Å'Åprgtk' vlectgv'k' uc'pcn' ctc| k' {cmc , o, " ±gt±gx'guk'p'f g' v'g'q'k'n' q'rc'cn' l'p'eg'ng'p'o gmgf k'0' ¥ cn, o cf c" uc'pcn' ctc| k' {cmc , o, p, p" r qvc'pukf gn'hc {f c" xg" h'uc'v'ct, pc" gn'q'rc'cn' l'ki k'k' {cmc , o, p" v'g'q'k'n' v'go g'ng't'k'p'g" {3/pg'kn'ng' v'k'ng't'g'f g'f g'v'c {n' dk" gn'k'f g" {gt'xg't'ko gmgf k'0'¥ cn, o c" u'q'p'w'w'p'f c" uc'pcn' ctc| k' {cmc , o, p, p" gnkrgdkt'ctcl k'nc {pcmet, p, p" m'Åtugni'3/4+gmg" nqt wpo cu, "xg" v'c'uct'w'h'gf kno guk'p'f g'el'f k' f' d'k" r qvc'pukf grg'ucj kr " qrf w w' u'q'p'w'w'p'c" wnc , m, v, t'0' D'w'p'w'nc" dkt'rkng" vct, o "Å'Åprgtk' vlectgv'k'p' Å'Åprgt'k'p" uc'pcn' ctc| k' k'g'g'k'ng't'k' f q t'wuwupf c" {g'p'k'f gp" f Å' g'p'rg'p'o guk' w' i w'co cf c" dkt'w'nc' o " 3/pgo rk' i Å'Ång't" det, pf, to cmcf, t0' D'k' f k' gt" {cp'f cp' u'3/4 "h'npwuw" {cmc , o, p" v'g'q'k'n'hc {f c'rc't, p, p" o Åo m'Åp' h'nc'p'cd'km guk'p'f {q'nc' d'Å' Å'ni'3/4+Å'f g" vct, o "xg" vlectgv" r q'rk'k'nc'rt, p, p" uc'pcn' dk" r g'tur g'm'k'h'gp" v'ng't'ct' t'g'x'k' g'f kno g'ng't'k'p'k' | q't'w'p'w'w'nc' cmcf, t0"

**Anahtar Kelimeler:** "Uc'pcn' ctc| k' f q c'n'nc {pcmet, "vct, o "Å'Åprgtk' vlectgv'k" v'q'rc'cn' n'w'nc'p, o "nen,r rct, ." vct, o " r'q'rk'k'nc'rt, 0"

#### ABSTRACT

Ctdcng'nc'p'f "t'gu'q'w'eg'u"j cxg" d'geqo g" c" u'ecteg" p'c'w't'c'n'l't'gu'q'w'eg" v'j cv'ku'f get'g'c'k'p'i "f c" { "d" { "f c" { "q'p" c" i m'd'cn' u'ec'ng'0'k'p' v'j ku' ecug. " o cp { "u'ek'q/ge'q'p'qo le" cpf "gp'x'k'q'p'o gp'vc'n' h'c'v'q'tu" gur gek'cm { "k'p'v'p'ug" r qr w'nc'v'k'p' i tqy vj . " t'cr k'f " w'd'c'p'k' c'v'k'p' r t'q'eg'u' cpf " ej cpi kpi " eq'p'w'o r v'k'p' h'c'v'q'tu. " ctg" g'h'g'e'v'x'g'0' k'p'v'g't'p'c'v'k'p'c'n' ci t'k'w'w't'c'n'l't'cf g'j cu'c'xgt { "lo r q't'v'p'v'r q'v'g'p'k'c'n'l'p" v'g'to u'q'h' u'w'nc'k'p'cd'ng" o c'pci go gp'v'c'p'f " r t'q'v'g'v'k'p' q'h" ctdcng'nc'p'f "t'gu'q'w'eg'u" V'j ku' r q'v'g'p'k'c'n'l'ku' g'zr t'g'u'g'f "lp" v'j g' r'k'g't'c'w't'g" y k'j " v'j g' x'k't'w'c'n'l'nc'p'f " cr r t'q'c'ej 0' V'j g" v'g'to "x'k't'w'c'n'l'nc'p'f " t'g'h'g'u'v'q" l'p'x'k'k'd'ng"nc'p'f "t'gu'q'w'eg'u" v'j cv'ctg" g'z'ej cpi gf "dgw' ggp" v'j g" v'c'f k'p'i " r c't'p'g'tu" v'qi g'v'j gt' y k'j " v'j g' h'p'c'n'l' t'q'f w'e'u'l'p'c'i t'k'w'w't'c'n'l't'cf g'0'X'k't'w'c'n'l'nc'p'f " h'ny u'c'ee'qo r cp { k'p'i "ci t'k'w'w't'c'n'l't'cf g" e'cp" dg' e'c'r'e'w'v'g'f "dc'ug'f "q'p" r t'q'f w'e'v'c'p'f " { g'ct/ur gek'k'le" { l'g'rf u'0' U'w'nc'k'p'cd'ng" o c'pci go gp'v'c'p'f " r t'q'v'g'v'k'p' q'h" ctdcng'nc'p'f "t'gu'q'w'eg'u" ctg" r qu'k'd'ng" d { "t'gi w'nc'v'k'p'i "x'k't'w'c'n'l'nc'p'f " h'ny u'l'p' k'p'v'g't'p'c'v'k'p'c'n'l't'cf g'k'p' h'k'p'g' y k'j " v'j g" r qu'k'x'g" { l'g'rf " f k'h'g't'g'p'eg'u" v'j cv' e'q'w'p't'lg'u" j cxg" l'p" v'j g" ci t'k'w'w't'c'n'l' r t'q'f w'e'v'k'p' r t'q'eg'u'0' k'p' v'j ku' u'w'f { . " ci t'k'w'w't'c'n'l' v'c'f g" ku' v'j g'q't'g'v'k'c'cm { "gz'co k'p'g'f " y k'j k'p" v'j g" h't'co gy q't'n'l'q'h" v'j g" x'k't'w'c'n'l'nc'p'f " cr r t'q'c'ej 0' k'p' c'f f k'k'q'p' v'j g' r q'v'g'p'k'c'n'l'd'g'p'g'h'ku' c'p'f "qr r q't'w'p'k'k'g'u' q'h' v'j g' x'k't'w'c'n'l'nc'p'f " cr r t'q'c'ej . " v'j g' u'w'f { "c'nc'q' l'p'c'n'f gu"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

f gckrgf "etkleko u'qh'vj g'vj gqgvecln'hwqpf cvkqpu'qh'vj g'tgrxcpv'er r tqcej 0Cu'c'tguwn'qh'vj g'lwvf { .k'j cu' dggp'eqpenf gf "vj cv'vj g'xktwcn'ncpf "cr r tqcej 'j cu'c'ugt'kwu'r qv'p'v'cn'kp'r tqvev'kpi "cpf "ucxkpi "ctcdrg'ncpf " tguqwtegu'qp'c'i mdcn'uecrg0J qy gxgt. 'tgqti cpl'kpi "ci tlewnwtcn'vtcf g'kp'kpg'y kj "vj g'xktwcn'ncpf "eqpv'gpv' qh'vj g'r tqf vew'j cu'uo g"ko r qtv'cpv'f k'lewn'ngu"kp'r tceveg0Qp"vj g"qyj gt"j cpf. "vj g'y c {"vq"o cng"vj g" vj gqgvecln'dgpg'hu'qh'vj g'cr r tqcej "r quikdr'nci gn' "pgeguukcv'gu'vj g"tgxkuk'qp'qh'ci tlewnwtcn'ncpf "vtcf g" r qrelgu'ltqo "c'xktwcn'ncpf g'ur gev'kg0"

**Keywords:** Xktwcn'ncpf. "pcwtn'tguqwtegu "ci tlewnwtcn'r tqf vew'vtcf g. "ncpf "wug'r cvgtpu "ci tlewnwtcn' r qrelgu'

# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## TÜRKİYE’NİN TARIM ÜRÜNLERİ TİCARETİNDEKİ SANAL ARAZİ TİCARET DENGESİ

Arş. Gör. Dr. Saliha ÇELİK

Quo cpkğ "Mqt mw/Cvc "©pkxgt ukxguk " mkucf k'xg" f ct k'Drko rgt "HcnĀnguk "Wmwrc tct cu, "Vlect gv'xg" NqlkknĀD/4Āo Ā. "Quo cpkğ g. "VĀtnkğ g. "QTEKF <2222/2225/6836/8: 2; "

Prof. Dr. Harun UÇAK

Crcpfc "Crcfcf kp "Mgf mdcv/©pkxgt ukxguk " mkucf k" f ct k'xg"Uquf cniDrko rgt "HcnĀnguk " mkucvD/4Āo Ā. " Crcpfc Kpvcrc c. "VĀtnkğ g. "QTEKF <2222/2223/74; 2/7: 68"

"

### ÖZET

Ucpcn' ctc| k' naxtco ,," wmwrc tctcu," vt,o " ĀĀprgtk' vlectgvk' uqpwew' Āngrgt" ctcu,pcf c" {gt" fg k vktgp" i 3/4Āpo g{gp'ctc| k'nc{pcnrc,t,p,"k'rcf g"gw gmgf kt0Dw±cn o cf c"VĀtnkğ gōpkp'vt,o "ĀĀprgtk'vlectgvk'pf gnik' ucpcn'ctc| k'vlectgvf gpi guklpegrgp o k vt0Dw'co c±rc"VĀtnkğ gōpkp"3; : 8/4242"i ,mct,"ctcu,pcf cnk'ucpcn'ctc| k' cm mct,"vgo gr'ĀĀ"i tw mct,"dc| ,pcf c"j gucr rcpo , vt0' ni k'k'f 3/pgo f g"VĀtnkğ gōpkp"vqr rco "ucpcn'ctc| k' kj tcecv,"306790884"j gmctf cp"605380: 4"j gmctc"wr o , vt0'Ucpcn'ctc| k'kj crv,"kug": 230874"j gmctf cp" 3305260249"j gmctc"i Āngro k vt0' pegrgpp" f 3/pgo f g"i ,mniqtvrco c"30630625"j gmctc"pgv'ucpcn'ctc| k' kj crv,"i gt±gmg vktro k vt0' ni k'k' cmp"VĀtnkğ gōpkp"vqr rco "gnkrgdkt" ctc| k' cncp,p,p" {cnc ,ni" ; Āwni muo ,pc" mct ,ni i gro gmgf kt0' Dk" f k gt" k'rcf g" krg" VĀtnkğ gōpkp" o gxew' vt,o " ĀĀprgtk' vrcgdkp" mct ,rpo cu,pcf c"o gxew'gnkrgdkt"ctc| k'cncp,p,p"gniqrcni"i ,mniqtvrco c"4"o k'qj"j gmctc"cmpe"i cncp" f , "ctc| k'nc{pcnrc,t,p"i gtgnkpklo k'dwmpo cmcf ,t0'UĀf ĀĀrgdkt"i ,f c"i Āxgprk klp"uc rpo cu,"xg"m'v' gnkrgdkt" ctc| k' nc{pcnrc,t,p" niqtwp o cu," j wuwvpc" ucpcn' ctc| k' {cnc ,o , " 3/pgo rk' dk" r qcpcuk' gr' kt-go gmgf kt0' U3/4 " niqtwp" r qcpcuk' gr'p" vqr tcn' mncp,o " xg" vlectgv" r qrkncrcnt," dc rco ,pcf c" grg" cncp o cu,pcf c" kug'knic co c{ ,ucpcn'ctc| k'cm mct,p,p"plegrn4Āo Ā'qmw wto cmcf ,t0'

**Anahtar Kelimeler:** "Ucpcn'ctc| k'vlectgvk'gnkrgdkt"ctc| k'vt,o "ĀĀprgtk'vlectgvk'vlectgvf gpi guk "VĀtnkğ gō"

### ABSTRACT

Vj g'eqpegr v'qh'xktwcn'rcpf "tghgtu'v'q'kpxkudrg'rcpf "tguqwtegu'v'j cv'vcpuhgt"dgwy ggp'eqvvtkgu'cu'c'tguwn' qh'kpvgtcvkqpcn'ci tlewnwtcn'v'cf g0Vj ku'uwf { "gzco kpgu'Vwtng{ u'xktwcn'rcpf "v'cf g'dncrpeg'kp'ci tlewnwtcn' v'cf g0Hqt "v'j ku'r vtr qug. "Vwtng{ u'xktwcn'rcpf "hny u'dgwy ggp"3; : 8"cpf "4242"y gtg'ecrcwrcv'f "dcugf "qp" o clp"r tqf wv'i tqw u0' k" v'j g"tgrxcpv'r gkqf . "Vwtng{ u'v'qcn'xktwcn'rcpf "gzi qt'u'tgcej gf "6.538.9: 4" j gevctgu'htqo "3.679.384"j gevctgu'Xktwcn'rcpf "ko r qt'u'kpetgcugf "htqo " : 23.874"j gevctgu'v'q"33.526.249" j gevctgu'0Cp'cppwcn'cxgtci g'qh3.963.625"j gevctgu'qh'pgv'xktwcn'rcpf "ko r qt'u'ctg'ecttkgf "qwf wtkpi "v'j ku' r gkqf 0Vj g'tgrxcpv'ctgc'eqttgur qpf u'v'q'cr r tqzko cvgn" ; " qh'Vwtng{ u'v'qcn'ctcdrg"rcpf "ctgc0k"qvj gt" y qtf u "Vwtng{ "pggf u'cr r tqzko cvgn" 4"o knkqp"j gevctgu'qh'gzvgtpcn'rcpf "tguqwtegu'cppwcn' "kp'cf f k'kqp" v'j g'gzknp"i "ctcdrg"rcpf "ctgc'u'v'q"o gg'ku'e'wv'gpv'f go cpf "hqt"ci tlewnwtcn' r tqf wv'u0'Vj g'xktwcn'rcpf " cr r tqcej "j cu'uki p'k'rcp'v'r qv'p'cn'ht"gpwtkpi "uwv'kpcdr"hgqf "ugewtk" "cpf "r tqv'ekpi "u'cteg"ctcdrg" rcpf "tguqwtegu'0Vj g'ht'u'v'gr "kp'cf f t'gukpi "v'j ku'r qv'p'cn'kp"v'j g'eqpgz'v'qh'rcpf "wug'cpf "v'cf g'r qrk'ku'ku' v'j g's wcp'k'v'xg"o gcuw'go gpv'qh'xktwcn'rcpf "hny u0' "

**Keywords:** "Xktwcn'rcpf "v'cf g'ctcdrg"rcpf . "ci tlewnwtcn'v'cf g'v'cf g'dncrpeg."VĀtnkğ gō"

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III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

TÜRKİYE'DE KAYIT DIŞI EKONOMİNİN VERGİ GELİRLERİ ÜZERİNDEKİ ETKİSİ: AMPİRİK BİR ANALİZ  
THE EFFECT OF INFORMAL ECONOMY ON TAX REVENUES IN TURKEY: AN EMPIRICAL ANALYSIS

Oğuzhan BOZATLI

.. t0I 340Ft0"Quo cpk g'Mqt mw'Cvc '©pkxgt ukxguk'  
QTEK <2222/2223/7329/9447"

Mehmet ELA

F q±0Ft0"Quo cpk g'Mqt mw'Cvc '©pkxgt ukxguk'  
QTEK <2222/2223/9563/8534"

ÖZET

Mc{,v'f, , "gnupqo klp" f Å g{k' i gtm'f Åp{cf c" xg" i gtmug" f g" VÅtnk{ g{f g" 3/4pgo rk' ugxk{ grtf g" qnr " etc v,to ce,ret,p'xg'j ÅÅo gvgtkp'ki klpk±gno g{g'f gxco "gvo gmgf kOP kgnko .i mdcn'cprco f c'nc{,v'f, , "gnupqo klp"gnupqo kn'xg"o crk" {cr, "Å gtpf gnk'gvnkgtk'f gxco "gvo gmg"qnr "dk±qm'Åmgf g"nc{,v'f, , "gnupqo k"gnupqo kn'xg"o crk'i 3/4vgti grtk'qno uw "gvnkgo gmgf k0" | grnkmg"i grk o gmg"qrp"Åmgrtf g" f c j c" { Åmgn'qrp"nc{,v'f, , "gnupqo k" gphru{qp. "gnupqo kn'dÅ( Åo g."i grk" f c ,no , "i kdk' gnupqo kn' hcm3/4ngt" {cp,pf c." neo w' dqtew' xg" xgti k' dkq ko k' i kdk' o crk' hcm3/4ngt' gvnkgo gmgf k0' Mc{,v'f, , "gnupqo klp"3/4pgo rk'o crk'gvnkgtk'f gp"dklukug"xgti k'i grkngtKÅ gtpf g'i 3/4Åo gmgf k0I mdcn'i 3/4ÅpÅo g" dgp| gt" gnkf g"VÅtnk{ g{f g"nc{,v'f, , "gnupqo k"3/4pgo rk'f Å g{f g"qnr "qno uw "gnupqo kn'xg"o crk' gvnkgtg"ucj kr vt0Dw±cf cp"xgti k'i grkngt'klp" {gvtuk rk klp"dÅ±g" c± , "i kdk'o crk'i 3/4vgti grt'kr"neo w' dqt±ret, "i kdk'cngt'p'wh'neo w'hkcpuo cp" {3/4pgo rgtKÅ gtpf gnk'gvnkgtk'xgt'k'ngp. "nc{,v'f, , "gnupqo klp" xgti k'i grkngt'KÅ gtpf gnk'gvnkgt'3/4pgo rk'dk"etc v,to c"crp, "qntcn'net ,o | c"±,no cmcf ,t0Dw±cn o cf c" VÅtnk{ g{f g"3; ; 2/4242" f 3/4pgo k' {,m'n'xgt'gtk'rg" Hwtlgt" vgo grk' gnupqo gvknl {3/4pgo rgt" mwtcp,rtcn' nc{,v'f, , "gnupqo k'xg"xgti k'i grkngt'ctcu,pf cnk'kk nk'etc v,t,m cmcf ,t0Gf g"gf krp"dwi wrct" {cr,ucn' mt,m crct"cn,pf c"nc{,v'f, , "gnupqo k'xg"xgti k'i grkngt'ugt'ngt'klp" g dÅp'rg kn'qf wmt,p,"dk" f k gt" kcf g{rg" w' wp" f 3/4pgo f g"dkrnmg"j ctgngv'gwkmgt'klp'k'i 3/4vgti gmgf k0'W' wp" f 3/4pgo "nc{,v'f, "dwi wrct, "kug" VÅtnk{ g{f g"nc{,v'f, , "gnupqo k' gnk' 3/4vgti v, p"xgti k'i grkngt'klp" 304: "c| cnw, ,pc'k ctg'vgo gmgf k0'

Anahtar Kelimeler: "Mc{,v'f, , "Gnupqo k'Xgti k'I grkngt'KÅ gtpf g'Åtnk{ g0'

ABSTRACT

Vj g'kphqto cn'geqpqo { "ku'cv'uki p'k'lecpv'ngxgn'dqvj "kp'vj g'y qtrf "cpf "kp"Vwtng{ "cpf "eqp'v'p'wgu'cwt'ce'v'pi " t'gugctej gtu)"cpf "i xqgtpo gpw)"cv'g'p'v'kp0'Vj g'gh'gewu'qh'vj g'kphqto cn'geqpqo { "qp"vj g'geqpqo le"cpf " h'k'p'c'p'ek'n'it'w'eww'g'j cxg'dggp'i q'kp'i q'p'i mdcn'f. "cpf "kp'b cp{ "eq'w'v'k'gu "vj g'kphqto cn'geqpqo { "p'gi cv'xgn'(" ch'gewu'geqpqo le"cpf "h'k'p'c'p'ek'n'it'f'k'ec'v'qtu0'Vj g'kphqto cn'geqpqo { .y'j lej "ku'gur'g'ek'n'f'j ki j "kp'f'gx'gn'r'k'pi " eq'w'p'v'k'gu "ch'gewu'geqpqo le"hc'v'qtu'uej "cu'k'p'hc'v'k'p. "geqpqo le"i tqy vj . "cpf "k'peqo g'f'k'ut'k'd'w'k'p. "cu'y g'n' cu' "h'k'ec'n'hc'v'qtu'uej "cu'r vdrke" f g'd'v'cpf "cz"eqo r qu'k'k'p0'Q'p'g'qh'vj g'ko r q't'c'p'v' "h'k'ec'n'gh'gewu'qh'vj g' kphqto cn'geqpqo { "ku'uggp'kp'cz't'g'x'g'p'w'gu'U'ko k'et"v'q'vj g'i mdcn'q'w'w'q'm "Vwtng{ )i'kphqto cn'geqpqo { "ku' cv'c'uki p'k'lecpv'ngxgn'icpf "j cu'f'k'ut'w'v'k'g"geqpqo le"cpf "h'k'ec'n'gh'gewu'0'k'p'vj ku't'gur'gev'y j k'g'vj g'gh'gewu'qh' k'p'w'h'k'le'g'p'v'cz"t'g'x'g'p'w'gu"qp" "h'k'ec'n'k'p'f'k'ec'v'qtu'uej "cu'd'w'f i g'v'f'gh'lek'v'cpf "cngt'p'c'v'k'g"r vdrke" "h'k'p'c'p'ek'pi " o g'y qf u'uej "cu'r vdrke" f g'd'v'ct'g'i k'x'p. "vj g'gh'gewu'qh'vj g'kphqto cn'geqpqo { "qp"cz't'g'x'g'p'w'gu'go gti gu'cu' cp"ko r q't'c'p'v'ct'g'c'qh't'gugctej 0'k'p'vj ku'uwf { . "vj g't'g'w'v'k'p'uj k' "d'g'v'g'p'vj g'kphqto cn'geqpqo { "cpf "cz" t'g'x'g'p'w'gu"ku'k'p'x'g'uki cv'g'f "w'k'pi "H'w't'l'g't'/dc'ug'f "geqpqo g't'ke"o g'y qf u'y k'j "c'p'p'w'c'n'f'c'v' "h'q't'3; ; 2/4242"kp"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Vwtng{0Vj g"hpf kpi u'uj qy "vj cv'wpf gt"utvewtcn'dtgcml."vj g'kphqto cn'geqpqo {"cpf "cz"tgxgpwg"ugtkgu" ctg"eqkpvgi tcvgf ."kp"qvj gt"y qtf u"vj g{"o qxg"vqi gjv gt"kp"vj g"npi "twp0'Nqpi /vgo "eqghlekpV"hpf kpi u" kpf lecv"vj cv'c'3' "kpetgcug"kp"vj g'kphqto cn'geqpqo {"kp"Vwtng{"tgf wegu'cz"tgxgpwgu'd{"304: ' 0'

**Keywords:** "kphqto cn'Geqpqo {"Vcz"Txgwpwgu"Vwtng{0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ANTİDEPRESAN İLAÇLARININ *Musca domestica* LINNAEUS, 1758 (DİPTERA: MUSCİDAE) GELİŞİM ÜZERİNE ETKİLERİ THE EFFECTS OF ANTIDEPRESSANTS ON THE DEVELOPMENT OF *Musca domestica* LINNAEUS, 1758 (DİPTERA: MUSCİDAE)

Merve ÖLÇÜCÜ<sup>1</sup>

<sup>3</sup>Qpf qmw| 'O c| ,u|©pkxgt ukxguk 'Nkucpuãuã'G kko 'Hcnãnguk 'Cf rk'Dkko rgt '[ ãmugniNkucpu. 'Uc o ump. " Vãtnk| g0'

<sup>3</sup>QTEK 'K' <j wr u-llqtekf Qti D22; /2225/6; 6; /8; 38"

Dr. Öğr. Üyesi Meltem KÖKDENER<sup>1,2</sup>

<sup>4</sup>Qpf qmw| 'O c| ,u|©pkxgt ukxguk 'Uc n,mDkko rgt k'Hcnãnguk 'Uqu| cni'J k| o gvrgt 'D'ãAo ã. "' 'Uc o ump. 'Vãtnk| g0'

<sup>4</sup>QTEK 'K' <j wr u-llqtekf Qti D222/2224/2329/5496"

"

#### ÖZET

Gpvqo qvqmknqnlk 'cf rkc±f cp³pgo rkd³egmgtf g'hko { cucn' b cf f grgtk. 'kr±ct,p'xg'b gvemgtk'cpcrk| kpk' cte v,tcp" { gpk'f kuk rpkf k'0Dc| , "kr±ct'xg'nko { cucnct'ukpgrmgtk'j ãetgugni'hk { qmlkukpk'f g k vktgdkt'xg' dw'f c'i grk ko 'j ,| rct,pf c'i gekm g{g'xg{c'j ,| rpo c{c' { qn'±cdkkt'0Cp'kf gr tgu'p'kr±ct'vão 'f ãp { cf c'gp' u,nhwnp,rp'kr±ctf ,t' Cp'kf gr tgu'p'ct'lp'vj ct'i ktk ko k'co ce, { r'xg{c' { cpn, nmc'cn,pf , ,pf c'ekf f kf qmw' xg'qti cp'j cu'ct,pc' "pgf gp'qmrct"

Dw'±cn o cp,p'co ce, "knk'cp'kf gr tgu'p'ct,p,p' "Rctqmgvk'xg'gu'kcnqr tco rctqmgvk'±cf rkc±f cp³pgo rkd' qrp' "Omec'f qo gu'kec'p,Nkppcgwu'397: "F kr vgtc<O w'ekf cg+'dc| , 'i grk ko ugn' rctco gvtgrgtk'ã| g'kpf gnk' gvnrkt'k' kpegrgo gmgf k'0Dw'±cn o cf c="62" cf gv' "Omec'f qo gu'kec" rctxcu, "knk' hctm, "krce,p" ã=" hctm, " nqpu'p'ctcu{qpwp'c' o ctw' "d,tcmm , "dguk'gtk'ã| g'kpf g' { g'k vktm k vkt0¥ cñ o c. "rctqtw'xct" ctv'ct,pf c' \* 72Ö.4'pgo 'xg'47Ö.7²E'u,ecm,m'i gt±gmg vktm k vkt0 c co %4 mãuã'rctco gvtgrgtk'k' hct ,rc vto cni' k'kp' vni' {³pnã' xct{cpu' cpcrk' k' \*CPQXC+' m'wmp,m , v,t0' ¥ cñ o cp,p' uqpvewpf c' rctqmgvk'p' xg' gu'kcnqr tco "rctxc'ct,p' dc| , " {c co ucn'r tco gvtgrgtk'ã| g'kpf g' gvnrkt'k' i ¾ão ã vãt'0'Rctqmgvk'p' rctxc' w' vpw w' rctxc' c ,tn ,. "rctxc' i grk ko k' xg' r w c" uã'gukpf g' c| cm c{c' { qn' c±o , v,t0' Dw'p' net ,nm" gu'kcnqr tco c'rctxc'w' vpw w' rctxc' c ,tn ,. "rctxc' i grk ko k'xg'r w c'uã'gukpf g'ctv, rc'pgf gp'qmw w wt0Dw' dwi wct." dw' knk' cp'kf gr tgu'p,p' rctxc'ct,p' i grk ko ugn' rctco gvtgrgtk'ã| g'kpf gnk' | ,v' gvnrkt'k'k' xwti wco cmcf ,t00 gxew'±cn o c.'cf rk'gp'qo qmlknk'ctc vto cmtf c'w' i w'p'cdk'gegnixgt'k'gt'uwpo cmcf ,t0' I g'gegmg. 'hctm, 'kr±ct,p' hctm, 'ukpgrmgtk'p' i grk ko ugn' rctco gvtgrgtk'ã| g'kpf gnk'gvnrkt'k'ctc v,t,m cni' ,t0'

Anahtar Kelimeler: Rctqmgvk. "gu'kcnqr tco rctqmgvk. " {c co "ukm'w'w' "Omec'f qo gu'kec"

#### ABSTRACT

Gpvqo qvzleqmi { "ku'c'pgy 'f kuk rkgu'v' cv'lp'xguki cvgu'v'j g'cpcn' uku'qh'ej go k'cn'uwducpegu'f twi u'cpf" o gvnu'lp'hqtpukecm' "ko r q'vcp'v'lp'ugew'0Uqo g'f twi u'cpf'ej go k'cn'ecp'cngt'v'j g'egm'w'ct'r'j { ukqmi { "qh' h'ku' ""ngcf kpi "vq'f grc' { ""qt'ceegntcv'g'lp'v'j g'k'f'f' g'xgnr o gp'vni'tcv'0Cp'kf gr tgu'p'v'f twi u'ctg'v'j g'o quv' eqo o qpn' "wugf "f twi u'y q'rf y kf g' Cp'kf gr tgu'p'w'ecp'ecwug' ugtk'wu'ku'wg'cpf "qti cp'f co ci g'y j gp' v'ngp'ceekf gp'vni' "qt'cu'c'uw'ekf g'c'wgo r v0'

Vj g' cko " qh' vj ku' uwf { " ku' vq' k'p'xguki cvg' vj g' g'htgeu' qh' v' y q' cp'kf gr tgu'p'w' "rctqzgv'k'p'g" cpf " gu'kcnqr tco rctqzgv'k'p'g'±q'p' uqo g' f g'xgnr o gp'vni' rctco g'v'gu' qh' "Omec'f qo gu'kec" Nkppcgwu' 397: "F kr vgtc<O w'ekf cg+'y j lej "ku'ko r q'vcp'v'lp'v'gto u'qh'hqtpukeu'0'k'p'v'j ku'uwf { =62" "0'f qo gu'kec" rctxcg' y g'g' t'gctg'f "qp'f'kgv'g'zr qugf "vq'v'j tgg'f k'htg'p'v'eqep'g'p'v'c'k'p'u'qh'v' y q'f k'htg'p'v'f twi u'0Vj g'g'zr g'tko gp'v'

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y cu'eqpf veygf "wpf gt "rdqtcvqt { "eqpf kkpqu"920204' "j wo kf k{ "cpf "470207Æ"ygo r gtcwtg-0'Qpg/y c { " cpcn{ uku'qh'xctkpeg"CP QXC+"y cu'wugf "vq"eqo r ctg'rkj"j kxqt { "r ctco gvtu0Vj g'tgwmu"qh'vj g"uwf { " kpf lecv"vj cv."y kj "kpetgukpi "eqpegpvtcvkpu"qh'vj g"cpvf gr tguwpw'r ctqzgvkg"cpf "gukcqr tco ."vj g" ghgevu" f khtg" uki pkklecpw{ 0' Rctqzgvkg" ecwugf " c" f getgcug" kp" rctxen' rpi vj ." rctxen' y gli j v." rctxen' f gxgnr o gpv'cpf "r wr cn'r gkqf 0'k"eqpvcuv."gukcqr tco "ecwugf "cp"kpetgcug"kp"rctxen' rpi vj ."rctxen' y gli j v."rctxen'f gxgnr o gpv'cpf "r wr cn'r gkqf 0Vj gug"kp'kp u'j ki j v'vj g"eqpvcukpi "ko r cevu'qh'vj gug" vy q"cpvf gr tguwpw"qp"vj g"f gxgnr o gpvcn'r ctco gvtu"qh'rctxcg0Vj g"ewtgpv'uwf { "r tqxkf gu'f cv"vj cv" eqwf "dg"cr r rkgf "kp"htgpule"gpqo qm'i kecn'tgugctej 0'p"vj g"hwwtg."vj g"ghgevu'qh'f khtgvp'f twi u'qp"vj g" f gxgnr o gpvcn'r ctco gvtu'qh'f khtgvp'htgu'uj qwf "dg"uwf kgf ."

**Keywords:** "Rctqmgvkp."gukcqr tco r ctqmgvkp."rkj"e {eng."Owuec'f qo gwkec'"

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ANADOLU SELÇUKLU MİNARELERİNİN BİÇİMSEL EVRİMİ: 12. VE 13.

YÜZYILLARDA TUĞLA KULLANIMI

THE FORMAL EVOLUTION OF ANATOLIAN SELJUK MINARETS: USE OF BRICK IN THE 12TH AND 13TH CENTURIES

Serap Eşer<sup>1</sup>

<sup>3</sup>F qmqt c" t gpekuk 'I c / k' ©pkxgt ukxguk 'Hgp' Dtko ngt k' Gpuakãuã. 'O ko ctn, m' Cpcdkko 'F cn, 'Cpnc tc. " Vãt nk' gO'

<sup>3</sup>QTEK 'KF < j wr u- lqt ekf Qti I2222/2224/2: 62/; 52: "

Zeynep Yeşim İlerisoy<sup>2</sup>

<sup>4</sup>"F q±0Ft0'I c / k' ©pkxgt ukxguk 'O ko ctn, m' Hcnãrũguk 'O ko ctn, m' Dãrão ã. 'Cpnc tc. " Vãt nk' gO'

<sup>4</sup>QTEK 'KF < j wr u- lqt ekf Qti I2222/2225/3: 25/; 33: "

#### ÖZET

Cpcf qnw" vctkj vğ" dkt±qm' w{i ctn c" gx" ucj kr rk k' {cro , " dk" eq tch{c" qntem' j cprct." j co co nct." ngtxcpuctc {rct"xg"o guetkgt "i kdk' | gpi kp"dk" vctkj ugn'o ktcur"ucj kr vkt'0'Dwmpf w w'f³/4go kp"ucpcvuci'xg" gugvknlcpn { , ,p, "{cpu,vctenihããrũgri'o ktcu,p'vgo grkp'k'qmw wtecp"gp'³/4go rk' {cr ,nct,p'dc ,pf c'kug'eco krgt" xg"o kpctgrgtk'i grkt0' | grkmg"pctkp" {cr ,nct, "pgf gpk'ng" {cr ,ucn'uc nco nm'i gtgmktgp"o kpctgrgt. "ki kik' f³/4go kp"o ãj gpf kurk'ndkni kulpk'xg'wucen'ndgegtkulpk'i ¾4 ngt'³/4pãp'ugto gmgf kt0' p c'vgnpkmg'k'c±,u,pf cp" hctm"o ko ctk'ãnr nct,p,p'xg'uãngo g'ucpcvct,p,p'dk'tctcf' | kxg'g'wrc vt,m cu, "kugpkrgp"dw' {cr ,nct,p" vctkj vğ'f q c'rlchvgvgtf gp"kpucp'nē {pcnm'qrc {rctc'hēf ct'i gpk'dk' {gr c| gf g' | ctct'i ¾4o ã "qnr 'i ãpão ã j g' wrc cprct,p"nqt wpo cu,pc" {³/4grkni'vkk' "xg'ukungo cvkni'dk" {cmr ,o ,p"i gtgmktg gmgf kt0'Dw"±cn o cp,p" co ce, 'f c'340xg'350[ ã { ,f c'Cpcf qnw' c' { , o c'vgnpkmg'kp c'gf krgp"o kpctgrgtk'kpegrg {gtgnidk'gpxcpvgt" qnw wto cm"o ko ctnm'vctkj kpf grk'³/4go kpk'xwti wrc cm" kj v'c±'f w' wrc cu, "f c'j k'kpf g"qpct,o nct, "k±kp" dkko ugn' xgtkgt" dgrkng {gtgn' cmn'm' qnw wto cm,t0' Dw' ncr uco f c"i ãpão ã j g' wrc cp." ¾4 grkmg" w rc" o c| go g'mwmp,rep"42"cf gv'o kpctgpkp"nupwo w"i gqo gvtkni'¾4 grkmg'k'kp c'vgnpk k'xg'¾4i ã'ukungo ngtk' c±,u,pf cp. "cpcrk'k' {cr ,m , vt0' pegrgo grgt"uqpwewpf c"=d¾4i gugri'o cñ go g"±g k'rk k'nããrũgn'xg'vgnpkn' i grk o grgtg'f -j k'kpf g"dgp| gt'f³/4go ngtf g"qncrct'f c'j k'htnm,rc o crct"vgur k'gf kro k vkt0' mif³/4go ngtf g" mwmmp,rep"ucf g"¾4i ã'f gugrgtk" wucrct,p" | co cprc" gf kpf kmgtk'vgetãdgrgtg'f c'j c"nct o c ,n' xg" gugvknl' {cr ,nctc'f³/4pão ã ã vãt0'Dwmp" {cp, 'u,tc. 'hwmmp,rep'w rcnct,p'dq {www" gm'kxg'f gt| 'ctcnmct'f c'f gugrgtkp" qnw wo wpf c'³/4go rk' dk"tqn'q {pco , vt0' Uqpw" qntem' dw' ±cn o cp,p. "³/4go rk'hc" | "j cvct, "dct,pf ,tcp" ãngo k' f g'vctkj k'w rc" { , o c' | cr ,nct,p' hqt wpo cu, 'xg'qpct,o , hupwupf c'i grgegmg'k'±cn o crctc'hc {pcn' vg nkl'gwo guk'dgmmpo gmgf kt0'

Anahtar Kelimeler: "Vctkj k' | , o c'O kpctg. "Vw rc" ti ã'Ugnwvnmw'O ko ctkuk0'

"

#### ABSTRACT

Cpcvqrk. "cu" c"i gqi ter j { "vj cv'j cu"j quvgf "o cp { "ek'rk'k' cvk'pu"vj tqwi j qw'j kvqt { . "j cu" c" tlej "j kvqtkecn' j g'kci g'eqo r tkukpi "utvewtgu'wej "cu'k'pu"dcvj j quvgu"ectcxcpugtcku"cpf "o qus wgu'0'Co qpi "vj g"o quv' ko r qtvc'p'dw'kf kpi u'yj cv'hqto "vj g'hqwpf cvk'p'qh'ewwvctn'j g'kci g. "tgh'ge'vpi "vj g'ct'v'k'ke"cpf "cguj g'ke" wpf gtuc'p'f kpi "qh'vj g'k'g'c. "ctg"o qus wgu'cp'f "vj g'k"o kpctgw'0'Rct'kewrctn' "f v'g'v'j g'k'f g'k'ec'v'utvewtgu." o kpctgw'tgs vktg'utvewtcn'k'p'v'g' tkl'f. "uj qy ecukpi "vj g'gpi k'p'g'g'k'p' "npqy ngtf i g'cp'f "etchuo cpuj kr "qh'vj g" t'gur gev'kx'g'r g'k'qf u'0'Vj gug'dw'kf kpi u'yj lej "cko gf "v'g'gr'x'cv'g'x'ctk'q'w'c'tej k'ge'w'ctn'uw' ngu'cp'f "f ge'q'c'v'k'g" ctv'vj tqwi j "f k'htg'p'v'eq'put'v'ek'p'v'gej pls wgu"j cxg'uw'htg'gf "f co ci g'vj tqwi j qw'j kvqt { "htqo "pcw'ctn' f k'cuvgtu" vq" j wo cp/kpf vegf " gxgpw. " p'ge'gu'k'cv'k'p' " c" o g'k'ew'v'w'w' cp'f " u' {ungo cv'ke" cr r tqcej " vq" vj g"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

rtgugtxcvkqp"qh'vj qug'vj cv'j cxg'umtxkxgf "v'vj ku'f c {0Vj g'clo "qh'vj ku'umf { "ku'vq"etgcv"cp"lpxgpxvt { "d { "gzco kpkpi "vj g"o kpcgtu'dwkn/wukpi "o cuqpt { "vej pls wgu'lp"Cpcvnrk" f wtkpi "vj g"34vj "cpf "35vj "egpwtlgu" j ki j rki j vpi "vj gk"uki pklcpeg"kp"vj g"j kxqt { "qh'cvej kgewtg."cpf "r tqxkf kpi "c"lqwpf cvkqp"lqt"r qvgpvkn" tgr cku'd { "fvgto kpkpi "uelgpvkle" f cv"y j gp"pggf gf 0'k"vj ku'eqpvz"cp"cpcn {uku'y cu'eqpf wevgf "qp"vj g" mecvkqp. "i gqo gvk"ej ctcevt kukeu."eqput wevkqp"vej pls wgu"cpf "dqp"u { ugo u'qh'42"o kpcgtu'vj cv'j cxg' umtxkxgf "v'vj g'r tgu'pvc { . "r ctvewrtn { "vj qug"o cf g'qh'dtlen'o cvgtknOCu'c'tgumn"qh'vj g'lpxgumki cvkpu. " xctkpegu"y gtg"kf gpvklgf "f gur kg"qewttkpi "kp"uko krt "r gkqf u "f wg"vq"tgi kpcn'o cvgtkn'f kxgtuk { "cpf " ewmwtcn"cpf "vej plecn'f gxgnr o gpv0Vj g"uko r ng"dqp"r cvgtpu"wgf "kp"vj g"gctn { "r gkqf u"gxqngf "lpxq" o qtg"eqo r ngz"cpf "cguj gvk"utwevtgu"vj tqwi j "vj g"gzr gkpegu"i clpgf "d { "vj g"etchuo gp"qxgt"ko g' Cf f kkpem { . "vj g"uk g. "uj cr g. "cpf "lqkv'ur cekpi "qh'vj g'dtlen'r m { gf "c"uki pklcpcvtqr"kp"vj g'hqto cvkqp"qh" vj gug'r cvgtpuOCu'c'tgumn. "vj ku'umf { "ku'gzr gev'f "v'ugtxg"cu'c'tguqvtg"lqt "hwwtg"ghqtvu'tgi ctf kpi "vj g" r tgu'gtxcvkqp"cpf "tgu'qtcvkqp"qh'j kxqtke"dtlen'o cuqpt { "utwevtgu'kp"qvt"eqwvt { . "y j lej "j quu'uki pklcpcv' hwn'hkpu0'

**Keywords:** "J kxqtkecnOCuqpt { "O kpcgtv."Dtlen'OCuqpt { . "UgrlwniCvej kgewtg0'

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**İMAR AFFI KAPSAMINDA ONAYLANAN MİMARİ DEĞİŞİKLİKLERİN DEPREM  
DAYANIMI AÇISINDAN DEĞERLENDİRİLMESİ  
EVALUATION OF EARTHQUAKE RESISTANCE IN ARCHITECTURAL  
MODIFICATIONS APPROVED UNDER THE ZONING AMNESTY**

*Ayşegül Kök KARAHALİLOĞLU<sup>1</sup>*

<sup>3</sup>[ *AmügnNacpu.T c / k'Öpkxgt ukxguk 'Hgp 'Dtko rgt k'Gpımk'ÄuÄ 'O ko ctnmCpc dtko 'F cn, 'Cpnc tc. 'VÄtnk' g0'  
QTEK 'K' < j wr u-Älqt ekf Qti I222; /2222/3972/8578"*

*Zeynep Yeşim İlerisoy<sup>2</sup>*

<sup>4</sup>*'F q±0Ft0'I c / k'Öpkxgt ukxguk 'O ko ctnmHcnÄnguk 'O ko ctnmD'4Äo Ä 'Cpnc tc. 'VÄtnk' g0'  
QTEK 'K' < j wr u-Älqt ekf Qti I222/2225/3; 25/; 33; "*

**ÖZET**

VÄtnk' g'lgqrllkninüpwo w'f qrc { ,u, {rc'cmkh'qrctcnif gr tgo rgtg'o ctw' 'nemo cmc.' { c cpcp'j gt'dk'f gr tgo " kg'hc {rc,t,p' gm k' {3pÄ'xg'w' vprw w'f g k gdko gm'gf kt0' | grnkmg' uqp'47' { ,if ,t' { c cpcp'dÄ'Änif gr tgo rgt' uqptcu,pf c' VÄtnk' g'of gnk' vÄo " krgt' f gr tgo " tkunk' vc ,o cmcf ,t0' Dw' pqmcf c" dtkp±k' ngpvog o g' xg' w' i wco cmtc' o gxew' { cr ,rc,t,p' f gr tgo "tkumgtkpg'j c| ,tncpo cu, {3pegrkmgpf ktro grk' kt0'Mgpvng o gpkp' dtko ugr' mten, {3peg' r rncpco c. " uqpte" { cr ,rc o c" krgp=Ängö k f g' {3peg' { cr ,rc o c" uqpte' r rncpco c' o qf grk' rg'f g'hct ,rc ,mo cmcf ,t0'F gr tgo ng'o Äecf grgpkp'hckf grgtk'uctucp'dw| ,v' {cmc ,o f c'kg'km'cmc' i grgp' o ct'Ch, w' i wco cmt, f ,t0' o ct'Chct, { cr ,rc,t f c'hwmp, o "u,tcu,pf cnkf g k kmkmgtkp' qpc { rncpo cu, " cpico ,pc" i grn gm'g' qnr " 34 grnkmg' o gxew' { cr ,rc,t,c' {3pgrkn' w' i vpuw' " {grng ko " cncpct, " cm'cr, " uqt vprct,pc' { qnc±v , i kdkf gr tgo rgt'hct ,u,pf c'f Ä g' {xg' {cv { 'vc , { ,e, 'grgo cprct,p'vc ,o c'ner cukgukpkp' { gvtuk' 'nemo cu,pc'pgf gp'qrckro gm'gf kt0'F gr tgo "tkunkp'g'f ct' hctmpf cn ,p'ctv,t,mo cu,p,co c±rc {cp'dw' ±cn o cf c'ko ct'chct,pc'net , f c j c'dkpk±k' dkt' {cmc ,o "i grk vktro guk'j gf ghgpo gm'gf kt0'Dw'f q' tww'f c' 47' { ,mnr g'gtk' qvkegtk'upf g'f gr tgo "tkunk'ct'vcp'krgf gp'Cpnc' c'of cnk'ko ct'ch, pf cp'hc { f cncp' { cr ,rc,t f cp' dkt' 34pgmgo 'i twdw'qnr wtwro w. '42'vcpg' { cr ,f c'f gr tgo "u,tcu,pf c" { cr ,f c'xtcp, rct,p, 'gvnk' { gegnj cpi k' ch'dc nmmct,p' qpc { rcpf , , "dgrkngpo k vkt0'Ch'dc nmmct, "±gt±gxguk'pf g' { cr ,rc,p'kpegrgo grngng'qtvc { c'±,ncp' dgpl g'rikmg't'xg'hctm,nmmct'vcdnqr v,t,rcnnc'pcrk' "gf kro k vkt0'P kgr'dkt'ctc v,t,c' qncp'xcnc'cpcrk' rgt'k'kg' grf g'gf krgp'xgtkgt'kg'd3/4i g' g' {3pgrkn'ö'k±ncv'krxguk' "k±dcnmpct,p'f wxct' 34 Ängtgn'ner cn'cmpe'f c' kj' gf kro guk' "k±epkgrkn'f g' k knrk k'co c±n' f wxctct,p' nerc' ,t,mo cu, "k±f 34 go grngtkp' nguko guk' "x±egr j g' f g' k kmkmgtk'ö'dc nmmct,p,p'ko ct'chct,pf c'gp' { c { i ,p'w' i wco cmt'qf w' w'gur kv'gf kro k vkt0'Cpnc' (c,p,p' ngpvugl' i grk ko k' vqr nwo ucn' hctmpf cn , " xg' chgv' {3pgvko " r rncpct,p,p' i Ängpf ktro guk'p' ncvn' uc rc {cdkro gn' k±p' f g' grf g' gf krgp' dc nmmct,p' { cr ,rc,t f c' f gr tgo " f c { cp,o ,pc' {3pgrkn' qnr wtcec , " | c { ,hmmct' f gvc { rcpf ,t,mo , v,t0'Dw'nüpwf cnk'±cn o cmt,p'ctv,t,mo cu, " gj tkp' i Äxgprk kpk'qno nw' {3pf g' gvnk'g' { gegnk0'

**Anahtar Kelimeler:** 'F gr tgo ." o ct'Dct, ,. 'Cpnc' c0'

**ABSTRACT**

F w'g'v'ku'f gqmqi kecnr qukkqp. "Vwng' { 'ku'cev'xgn' "gzr qugf "v'gctvj s wengu 'cpf 'y kj 'geej 'gctvj s weng. 'vj g' uj cr g. 'f k'gev'kqp.'cpf 'hgi vj 'qh'hcwuu'ecp'ej cpi g0'Gur gekm' { "hmjy kpi 'vj g'o clqt'gctvj s wengu'qh'vj g'rcu' 47' { gctu 'cmr tqxkpegu'lp'Vwng' { 'ctg'cv'tkum'qh'gctvj s wengu0'k'vj ku'eqpvz'v.'r tgr etkpi "gzkukpi "dwrk'kpi u' hqt'gctvj s weng' tkum' vj tqwi j "eqpuekwu' wdcpl' cvkqp'cpf "r tcev'kegu'uj qwf "dg" r tkqt'kk' gf 0'Y j kg'vj g' uelgpv'k'le "twng'qh'w'dcpl' cvkqp' f kevc'gu'ör rcpkpi "htuv'cpf "vj gp'dwrk'kpi ö. "k'pw' "eqwpt { ." c' o qf gn'qh' ödwrk'kpi "htuv'cpf "vj gp'r rcpkpi ö"ku'gpeqpv'g'gf 0'k'vj ku'eqpv'cf kev't { "cr r tqcej. "vj g' qpkpi 'co pgu' {

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

r tcevegu'eqo gu'vq'o kpf "y j lej "wpf gto kpg"vj g"r tkpek ngu'qh'eqo dcvkpi "gctvj s weng" \ qpkpi "co pgukgu" ko r n{ "vj g" cr r tqxcn' qh' o qf kkecvkpu' f wtkpi "vj g" wug" qh' dwkf kpi u "y j lej "ecp" rncf "vq" kphcmtwewtg" r tqdrgo u' r ctvewctn{ 'kp' wpuwkcdrg' ugwrgo gpv'ctgcu.' cpf "o c{ 'tguwn'kp' kpcf gs wcv' hqcf / dgctkpi 'ecr cekv{ ' qh' xgt' vcn' cpf 'j qtk' qpvcn' ut wewctn' grgo gpv'ci ckpu' gctvj s weng' Vj ku' uwf { "cko u' vq' kpetgcug' cy ctgpguu" qh' gctvj s weng' tkum' cpf 'f gxnqr' "c' b' qtg' kphqto gf "cr r tqcej "vq" qpkpi "co pgukgu" Vj ku' tgi ctf. "c' uco r ng" i tqwr "y cu' etgcvgf " hqo "vj g" dwkf kpi u' vj cv' dgpghvgf " hqo "vj g" | qpkpi "co pgum' 'kp' Cpvcn' c. " qpg' qh' vj g" r tqxkpegu' y kj "cp" kpetgcugf " gctvj s weng' tkum' y kj kp' c' 47 / { gct' r gtkqf. " cpf "k' y cu' f gvto kpgf " y j lej " co pgum' " vrgu' y gtg" cr r tqxgf " kp' 42" dwkf kpi u' vj cv' y qwr " chgev' vj g" dwkf kpi " dgj cxkqt" f wtkpi " vj g" gctvj s weng' Vj g" uko krtkkgu" cpf " f khtgpegu' ctukpi " hqo " vj g" gzco kpcvkp" qh' co pgum' " vrgu' y gtg" cpcn' | gf " cpf " vdwrcvgf O' K' y cu' f gvto kpgf " vj tqwi j " s wcrkcvkxg" ecug' uwf kgu' vj cv' vj g" o quv' eqo o qp" cr r rkecvkpu' kp' | qpkpi "co pgukgu' kpenw' g' \*k' cf f kkp' qh' hqqtu. " k' gpem' ukpi " dcreqpkgu' d{ " dwkf kpi 'y cmu. " \*kk' tgo qxcn' qh' y cmu' hq' s wcrk' 'ej cpi gu' \*kx' + eww' kpi " qh' urdu' c' pf \*x' + ej cpi gu' qh' hcecf gu' Vq' 'eqpvtkdwg" vq' vj g' vtdcp' f gxnqr o gpv. ' uqekcn' cy ctgpguu. ' c' pf ' utgpi vj g' pki ' qh' f kcuvg' b' cpci go gpv' r' rpu' kp' Cpvcn' c. " vj g' y gcm' pguugu' vj cv' vj g' u' g' vrgu' o c{ " etgcvg' kp' v' gto u' qh' dwkf kpi " gctvj s weng' ' t' g' u' k' c' p' e' g' y' g' t' g' f' g' v' k' r' g' f' O' k' p' e' t' g' c' u' k' p' i " vj ku' ctgc' y kn' r' qukkxgn' ' ko r cev' vj g' ekv' ) u' uchgv' O'

**Keywords:** "Gctvj s weng. \ qpkpi "Co pgum' . 'Cpvcn' c' O'

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DİN PSİKOLOJİSİ AÇISINDAN DİN VE RUH KAVRAMI ÜZERİNDE YORUMLAR

Doç. Dr. Beyazıt Yaşar SEYHAN

QMW'F kxkpk' Hce0Ru' ej qnqi { 'qh'tgrki kqp. 'Quo cpk' g. 'VT0

QTEK' <2222/2223/9626/5; 98"

ÖZET

F kp'r uknuqluk'42" {Ã { ,np"dc nct,pf cp"dgtk'r uknuqluk'cp"cn'crp, "qrctni'Co gtnæ'f c'nædwi'gf kktngp" VÃnk' gøf g" 3; 72øk' { ,nctf cp" uqpte" dkt" dkrko " mÃuÃuÃ" j crkpg" i gm k vkt0 F kp" r uknuqluk'kp" Dcv," f Åp{cu,pf cnk'i kdk'i gpgn'nædwi'xg'f g gk'k'dwro co cu,p,p"grdgwg'dk±qm'pgf gpk'qrædkk0Dw'pgf gprgtf gp" dktkf g'f kp'r uknuqluk'kp'kpegrgo guki gtnngp'dc| ,cpc'næxtco , 'xctf ,t0Dw'cpc'hæxtco nct,p'knk'kf gp'dkt' öf kp'0'f k gk'f g'ötvj wt0Dw'knk'hæxtco 'f kp'r uknuqluk'kp'gp'r tqdrgo rgtk'hæxtco nct,'qnr 'k kp'gp'dc ,pf c" dw' knk' næxtco ,p" vcp,o , " xg" k±gtknkt' nupwupf c" f kp" r uknuqluk' crp,p,p" w o cprct,pec" { gvgtkpeg" f Ã ÅpÃno go k vkt0 F kp" r uknuqluk' w o cprct, " dkj cuuc" VÃnk' gøf g" f kp" næxtco ,p, " vcp,o nctngp" f kp'p" vcp,o ,p,p' qt'qrf w wpw'kf f k'gf gtnlgxtgpugndkt'f kp'vcp,o ,pc'i ko go k %4g" {cpf cp'f c'twj 'næxtco ,p, 'f c" hngnhk'xg'f kp, 'dkt' hgpqo gp'xg'c'næxtco 'qrctni'nædwi'gvo k vkt0Cpecn'twj 'næxtco ,p, 'f kp, 'xg' hngnhk'dkt' næxtco 'qrctni'nædwi'gf kpeg'f g'3: 9; øf cp'dw' {cpc'hngnhg'f gp'c {t,nr 'o qf gtp'dkt' r qj kkt'dkrko "qrf w wpw' k f k'gf gp'r uknuqluk'kp'i ÅpÃo Ã 'ötvj ö'nædwi'ngt'k'ng'vgtu'f Å o Ã 'i ¾ Åno gmngf k0Dw'uwpwo f c'öf kp'0'xg' ötvj ö'næxtco nct,'Ã gk'pf g'dkt'f g gtrngp'f kto g' {cr ,m , " xg" öf kp'0'næxtco , "j cmm'pf c'gxtgpugn'dkt'vcp,o " {cr o c'±ædcu,pc'f g kpko k vkt0C {t,ec'ötvj ö'næxtco ,p,p'f c'i ÅpÃo Ã 'r uknuqluk'kp'kf ki go gek'dkt'twj " næxtco , "cpr { , ,pf cp" w cmm o c" kj vko cik'Ã gk'p'g ±g krik' {qtwo nct" {cr ,m , v,t0'Uqpæ' qrctni'dkrko " f Åp{cu,pc" gxtgpugn' dc| , 'f kp' vcp,o nct, "uwpwro w " qnr "f kp" r uknuqluk'kp' gxtgpugn' dkt' dkrko " qrf w wpw' xwi wcpo , "c {p, | co cp'f c'ötvj ö'næxtco ,p, r qj kkt'dkrko 'o cpv, , 'kng' kpf ki go gek' {cmm ,o ,p'i gregmg' f g kgdng'eg Kxwi wcpo , v,t0"

Anahtar kavramlar: "Ruknuqluk'F kp'Ruknuqluk'F kp'Mæxtco , 'xg'Vcp,o , . 'Tvj 0"

ABSTRACT

Y j kng'vj g'r u'ej qnqi { "qh'tgrki kqp"j cu'dggp'ceegr vgf "cu'c'wd/hgrf "qh'r u'ej qnqi { "kp'vj g'Wpk'gf "Ucvgu' ukpeg'vj g'gctn' '42vj 'egpwt { . 'k'dgeco g'c'uelg'p'v'k'f'kækr rkp'kp'Vwtng { 'qpn' {chgt'vj g'3; 72u0Qh'eqvtug." vj gtg'o c { 'dg'o cp { 'tgcup'u'y j { "vj g'r u'ej qnqi { "qh'tgrki kqp"j cu'p'q'v'hw'p'f "vj g'wco g'i gpgtci'ceegr vpeg" cpf "xcnmg'cu'kp'vj g'Y gu'gtp'y qtrf 0'Qpg'qh'vj gug'tgcu'p'u'ku'vj cv'vj g'r u'ej qnqi { "qh'tgrki kqp"j cu'w'go g' o ckp'eqpegr u'v'q'dg'cpcn' ugf 0'Qpg'qh'vj gug'o ckp'eqpegr u'ku'±grki kqp'ø'cpf 'vj g'q'vj gt'ku'±uq'w'0Vj gug'vy q" eqpegr u'ctg'vj g'o qu'r tqdrgo c'væ'eqpegr u'qh'vj g'r u'ej qnqi { "qh'tgrki kqp."cpf "cv'vj g'xgt { 'dgi kppkpi "qh' vj g'y qtm'vj g'f ghpk'kqp'cpf 'eqp'v'p'qh'vj gug'vy q'eqpegr u'j cxg'p'q'v'dggp'w'v'k'k'p'v'f 'eqp'k'f g'gf 'd { 'vj g' g'zr gt'u'kp'vj g'hgrf "qh'r u'ej qnqi { "qh'tgrki kqp'0'Y j kng'f ghk'kpi "vj g'eqpegr v'qh'tgrki kqp."gur gek'm { "kp' Vwtng { . "vj g'g'zr gt'u'kp'vj g'hgrf "qh'r u'ej qnqi { "qh'tgrki kqp."erko kpi "vj cv'vj g'f ghpk'kqp'qh'tgrki kqp'ku' f k'h'wæ'f k'p'q'v'i q'hqt'c'w'p'k'gtucn'f ghpk'kqp'qh'tgrki kqp."cpf "qp'vj g'q'vj gt'j cpf . "ceegr vgf "vj g'eqpegr v'qh' uq'w'cu'c' r j k'kuqr j k'ecn'cpf 'tgrki k'q'u'r j gpqo gpq'qt'eqpegr 0J qy gxgt. 'd { 'ceegr v'kpi "vj g'eqpegr v'qh'vj g' uq'w'cu'c' tgrki k'q'u'cpf 'r j k'kuqr j k'ecn'eqpegr v'k'uggo u'v'q'dg'kp'eqp'tcf k'v'k'p'y kj "vj g'ewt'gp'±uq'w' ceegr v'pegu'qh'r u'ej qnqi { . "y j lej "j cu'dggp'ugr c'tcv'f "Itqo "r j k'kuqr j { "ukpeg'3: 9; "cpf "erko u'v'q'dg'c" o qf gtp'r qu'k'xg'uelg'peg'0'kp'vj ku'r t'gug'p'v'k'p'cp'g'x'c'næ'v'k'p'qh'vj g'eqpegr u'qh'±tgrki kqp'ø'cpf "±uq'w'vy cu' o cf g'cpf "vj g'gh'qt'v'v'q"o cng'c" w'p'k'gtucn'f ghpk'kqp'qh'vj g'eqpegr v'qh'±tgrki kqp'ø'y cu'o gp'v'k'p'gf 0'kp' cf f k'k'qp. 'xct'k'q'u'eqo o gp'w'y g'tg'o cf g'qp'vj g'r qu'k'k'k'v' "qh'vj g'eqpegr v'qh'±uq'w'v'q"o q'xg'cy c { "Itqo " vj g'tg'v'w'k'p'ku'v'p'f g'tu'w'p'f kpi "qh'vj g'eqpegr v'qh'±uq'w'v'q'f c { }r u'ej qnqi { 0C u'c' t'g'u'wæ' u'qo g'w'p'k'gtucn' f ghpk'k'q'u'qh'tgrki kqp"j cxg'dggp'r t'gug'p'v'f "v'vj g'uelg'p'v'k'f"y qtrf "cpf "k'j cu'dggp'go r j cuk'gf "vj cv'vj g'

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ru{ej qmji { "qh'tgrki kqp"ku"c"wpkxgtucni'uelgpeg"cpf "cv'yj g"uco g"vko g."k'j cu'dggp"go r j cukugf "yj cv'yj g"  
tgf wevkpkw'cr r tqcej "q'yj g'eqpegr v'qh":uqwø'y kj 'yj g'ruji le"qh'r qukkxg'uelgpeg'o c{ 'ej cpi g'kp'yj g'hwwt g0"

**Key Words:** "Ru{ej qmji { ."Ru{ej qmji { "qh'Tgrki kqp."Vj g'Eqpegr v'cpf "Fghpkkqp"qh'Tgrki kqp."Ur kks0"

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## EEİ'DE DEŞARJ SÜRESİNİN YÜZEY ÖZELLİKLERİNE ETKİLERİNİN DENEYSSEL İNCELENMESİ

### EXPERIMENTAL INVESTIGATION OF THE EFFECT OF PULSE ON TIME ON SURFACE PROPERTIES IN EDM

Hamidullah YAŞAR<sup>1</sup>

<sup>3</sup>F t 0 \ qpi wf cm!DÄrgpv!Gegxk!©pkxgt ukxguk 'O Äj gpf kurkn!HcnÄnguk 'O cnkpg'O Äj gpf kurk K'D/ÄÄ Ä." \ qpi wf cm'VÄtnk!g0'

<sup>3</sup>j wr u-Älqt elf Äti D222/2223/; 3: ; /; 488"

#### ÖZET

Vkcp{ wo "dc| n'ö cñ go grgt"qrc cpÄuÄ'ö gncpkñk'g'dk'qo gf knrñ¼ grnkmg'g'xg'dwpw'uc { gulpf g'qrf wnc" i gpk "dk" w'i wco c" cnr,pc" ucj kr vkrgt0'Gp" ±qñ' mncp,rcp" Vkcp{ wo "cnc ,o rct,pf cp" dtk" i gpgnkmg" dk'qo gf knrñ'Vkcp{ wo "qrcten'cf rcpf ,t,rcp"Vl8Cr6X'f kt0' c { ,h'vgo cñ'kgvngprk 'K'pgf gpk'ng."Vl8Cr6X" cnc ,o rct, "i grpgmgn'k ngo g" {¼pvo rgt'k'ncp,rcnc'k rpo guk' | qt"qrcp"o cñ go grgt"ctcu,pf cf ,t0'Dw' pgf gprg,"dw'±cn o cf c"Vl8Cr6X"cnr ,o ,p,"k ngo gn'k'kp"i grpgmgn'qmo c { cp"dk" k ngo g" {¼pvo k'qrcp" Grngmtq"Gtq| {qprc" ngo g" \*GG + mncp,m , v,t0'GG ."k" r ct±cu,"xg" vcmo " \*grngmtqv±"ctcu,pf c" vgo cu" dwmpo c { cp"dk" k ngo g"vgnpk kf k"xg"o cñ go grgt'grngmtkmgñ'f g ctl"gpgtlkuk'krng'ncrf ,t,t0'Dw'dgpl gtuk' " ¼ grnkmg'k'uc { gulpf g"GG ."ncnr ±,nn'gpf Ämkk'i kdk'dcl , "gpf Ämktg" k'kp"±qñ'¼pgo rk"qmo cmc" dtrkmg" cngtpevkk'dwmpo co cmcf ,t0'GG "kr'k rpggp" { Ä g { rgt'grngmtkmgñ'f kgrngmtkñ'¼ grnkmg' .ncvñ"o cf f grgt'k' xg"o cñ go g"¼ grnkmg'k'i kdk'dk±qñ'r ctco gvtgf gp"gvnkrgpk0'Dw'±cn o cf c."GG "kr'k rpggp"Vl8Cr6X'p'kp" { Ä g { ¼ grnkmg'k'Ä g'kp'f g'f g ctl"uÄ gulpk'p'gnkuk'k'p'g'g'p'o k vkt0'P wo wpgrgt. "f kgrngmtkñ'qrcten'f gk' qpk' g" uw'mncp,rcnc"94"C'f g ctl"cmo , "xg"5. "34."72."422"xg": 22"Üu"qmo cñ'Ä g'g"7"rcnm'f g ctl"uÄ gulpf g" k rpo k vkt0' rpggp" { Ä g { rgt" Vctco cñ,"Grngmtq"p" O knqunqdw" \*UGO ±," { Ä g { "r ÄÄ nÄÄ ÄÄ xg" ugt vkn' vgnrgt'kp'cdk'www w wt0'Uqpwe"qrcten'ctvcp'f g ctl"uÄ gul'krng'dgtcdgt" { Ä g { "r ÄÄ nÄÄ ÄÄ f g'ctvo cmc" xg'f c j c"ncdc"dk" { Ä g { "g'f g"gf kn gmgf kt0'UGO "cpcnk' kp'g"i ¼g." rkgcvÄt"kr'g' w' wo n'qrcten'k rpggp" pwo wpg" { Ä g { rgt'±c'vrcñ'c rct,pc"ucj kr vkt0'¥ cñ o cp,p'uqwpf c'r ÄÄ nÄÄ nÄÄ xg'ugt vkn'c±,u,pf cp'gp'gvnk'k' r ctco gvtgrgt'dgrkrngpo k "xg'k ngo g'r ctco gvtgrgt'kp'gvnkrgt'ctv, ,m , v,t0'

**Anahtar Kelimeler:** Grngmtq'gtq| {qprc'k ngo g."Vl8Cr6X." [ Ä g { ¼ grnkmg'k0'

#### ABSTRACT

Vkcpkwo "dcugf"o cvgtkcn'q'htg"qwwucpf kpi "o gejj cpkcn'cpf "dkqo gf kcn'r tqr gtvku'y j kej "i kxgu'yj go "c" y kf g"tcpi g'qh'cr r necvqp'ctgc0'Qpg'qh'yj g"o quv'wugf "Vkcpkwo "cmq { 'ku'Vl8Cr6X'yj cv'ku'qh'g'p'ecmgf "cu" dkqo gf kcn'Vkcpkwo 0Dgecvug'qh'ku'r qqt'yj gto cñ'eqpf vevkxk'."Vl8Cr6X"cmq { u'ctg'j ctf "v'ew'ö cvgtkcn' wukpi " eqpxgpv'qpcn' o cejj k'kp'i " v'ejj plk wgu' Vj g'gh'gtg." kp' y ku' uww { ." cp" v'peqpxgpv'qpcn' o cejj k'kp'i " o gjj qf ."Grngv'kcn'F k'ejj cti g"O cejj k'kp'i " \*GF O ±'ku'go r m' { gf "vq"o cejj k'p'g"Vl8Cr6X"cmq { 0'GF O "ku'c" eqpvcv'guu' o cejj k'kp'i " v'ejj plk w'g'cpf "tgo q'xgu'yj g"o cvgtkcn'd { "grngv'kcn'f k'ejj cti g"gpgti { 0'Vj cp'm'vq" yj g'g'w'p'ks w'g'r tqr gtvku'GF O 'ku'et v'ekcn'cpf 'k'peqo r ctcdrg'ht' uqo g'kp'f w'ut'ku'u'w'ejj "cu'ö q'rf k'pi 'kp'f w'ut { 0' GF O "o cejj k'p'g'f "w'ut'hegu'ctg'ch'gevgf "d { "o cp { "r ctco g'vgtu'k'g0'grngv'kcn'f k'grngv'kcn'f tqr gtvku' "cf f k'kxgu" cpf "o cvgtkcn'0'Vj ku'r cr gt "f k'uew'ugu'yj g"gh'gevg'qh'r w'ug'qp"vko g"qp"y j g"u'w'ut'heg'r tqr gtvku'qh'Vl8Cr6X'0' Vj g'w'co r ng'u'ctg'o cejj k'p'g'f "w'p'f gt'94'C'r w'ug'ew'tt'gp'v'cpf "7'r w'ug'qp"vko g'g'x'gn'cu'5."34."72."422"cpf ". 22" Üu" wukpi "f g'k'p'k'gf "y cvgt"cu'f k'grngv'kcn'0'Vj g"o cejj k'p'g'f "w'ut'hegu'ctg"u'w'd'gevgf "vq"U'ecppkpi "Grngv'q"p" O let'queqr { "UGO ±."w'ut'heg't'qwi j p'guu'cpf "j ctf p'guu'v'guu'0'Cu'c't'gu'w'w'k'p'et'g'cu'kpi "r w'ug'qp"vko g'k'p'et'g'cu'g'u' yj g'w'ut'heg't'qwi j p'guu'cpf "t'qwi j g't'w'ut'heg'ku'q'd'v'k'p'f 0'UGO "cpcn' | g't'g'x'g'cn'yj cv'ö cejj k'kp'i 'kp'f g'k'p'k'gf "

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y cvgt "{ kgrf u'lwthcegu'y kj "etcem016"eqpenwukqp"vj g'o qu'ghgevkxg'r ctco gvtu'lp"vgtu u'qht'qwi j pguu'cpf " j ctf pguu'ctg'r qkpvgf "qw'cpf 'f kuewugf 0"

**Keywords:** "Ggevtlecnif kiej cti g'o cej kpkpi . "V8C16X."Uwthceg'r tqr gt vku0"

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#### ANA ÜRÜN MISIR TARIMINDA ÜRE GÜBRESİNE KARŞIN FARKLI FORMLARDA ÜST GÜBRE KULLANIMININ BAZI VERİM VE KALİTE KRİTERLERİ ÜZERİNE ETKİSİ

Ali Bahadır KÜR<sup>1</sup>

<sup>3</sup>j wr u<llqt ekf Qiti I'2222/2224/5537/49: 8'''

Sait AYKANAT<sup>2</sup>

<sup>4</sup>j wr u<llqt ekf Qiti I2222/2224/78; 2/62: Z'''

Selcan AKKOYUN<sup>3</sup>

<sup>5</sup>j wr u<llqt ekf Qiti I'2222/2224/7948/3656'''

, "nVct,o 'xg'Qto cp"OÄfÄtrÄ ÄQUO CP [ G'"

, , "Fq w'Cnf gpk' Vct,o ucn' Ctc vto c'GpukÄuÄ"OÄfÄtrÄ Ä/Cf cpc'"

"

#### ÖZET"

Dw'ctc vto c.'çpc"ÄÄp"o ,ut'vct,o ,pf c"Äu'i Ädtgrgo g'ng vwpf c'©TG" "68'P+i Ädtgukp'net ,p'i tcpÄi' hqto f c" öPwt kur j gt g" Pö" kg" u,x," hqto f c" WCP" \* " 54" P+ xg" öPwt kur j gt g" PNö" i Ädtgrgtkpk' mncp,o nct,p,p'xgto "xg'nc'kg'ntkgtrgt'Ä' g'kg'g'ntkgtrgt'f g' gtrgpf ktko guk'co ce, {rc'r nrcrpo , "xg" { ÄÄÄÄ Ä vÄ0

Fgpgg g." Fq w' Cnf gpk' " Vct,o ucn' Ctc vto c" GpukÄuÄ" etc| krgtkpf gp" Fq cpngpv' {gtrg ngukpf g' { ÄÄÄÄ Ä vÄ0Dw'co c±rc'r nrcrpep"fgpgg g=92, 36"eo "gnko "u,m ,pf c"xg'vguf Äh'dmncct,"fgpgg g' f gupkpg"i ¾4g"¾4v'vngttÄtrÄ"qrcctn'mwtw w wt0F gpgg g'r ctugmgtk=40 "o "gpkpf g"xg"7"o "dq{ wpf c' qrcctn' gnkf g" vcutrpo , vt0'¥cn o c" nupwct,p,p' j gr ukpf g" vdecp" i Ädtguk' qrcctn' 47" ni " FCRlf c" w'i wrcp , vt0©u'i Ädtg'qrcctm"i tcpÄi'hqto f c"©tg'xg'P wtkur j gt g'P "kg'u,x,"hqto f c'P wtkur j gt g'PN" xg"WCP"i Ädtgrgt'k'ncp,m , vt0Dw'ctc vto c."o ,ut'vct,o ,pf c" { gpk'pguki'i Ädtgrgtk'Pwt kur j gt g'P." Pwt kur j gt g' PN' xg' WCP+" hctm" | co cp" xg" f q| rtf c" Äu" i Ädtg" qrcctn' mncp,o ,p,p' i grpgmgn' i Ädtgrgo g{g'net , "gnkpk kpk'dgtrgpo guk'co ce, {rc'r nrcrpo , vt0Dw'ctc vto cf c=I:Rq| kkh'Mqptqi' \*47'ni 'FCRlf c- 82'ni '©tg+:2:47'ni 'FCRlf c- 82'ni 'P wtkur j gt g'P.'3:47'ni 'FCRlf c- 67'ni 'P wtkur j gt g' P.'4:47'ni 'FCRlf c- 42'nf c"WCP- 72'nf c"WCP.'5:47'ni 'FCRlf c- 32'nf c'P wtkur j gt g'PN- 62'nf c' P wtkur j gt g'PN'xg'6:47'ni 'FCRlf c- 42'nf c'P wtkur j gt g'PN- 72'nf c'P wtkur j gt g'PN'qm cniÄ' gt g'8" hctm"±cn o c"nupwct,"kpegrgo k vt0' [ ÄÄÄÄrgp"dw±cn o cf c=ctc"xg'Äu"i Ädtgrgo g" | co cp,"qrcctn' gnko f gp"uqptcnk'470'xg'720'i Äprgt" f knc'v'gnpo , vt0U,x,"hqto "i Ädtgrgt"\*Pwt kur j gt g'PN'xg'WCP+" dknkrgtk'k' quhgt'd³/4i gukpf g'qr tcnl{ Ä' g{ kpg'xg'i tcpÄi' Ädtgrgt"©tg'xg'Pwt kur j gt g'P+'kug'qr tcnl'ncp" w'i wrcp , vt0"

Cnpep'i ¾4 rgo rgt'xg" { cr ,rcp'xct {cpu'cpcrk' rgt'kuqpwepf c'w'i wrcp cmt,p=0 ,ut,p'dknk'dq{ w'knhq±cp" { Ämgnk k'dlp'f cpg'c ,tn , "Ä' g'kg'g'gnk'k'nc'v'knk'qrcctn'¾pgo uk' "dncp w wt0Mq±cp'w' wrcp w'xg" nq±cp±cr , "207'¾pgo 'f Ä' g{ kpf g'xgto f g'kug'2.23'¾pgo 'f Ä' g{ kpf g'w'i wrcp c'hupwct,"ctcu,pf c'¾pgo rk' hctm,nmct "vgur k'gf ko k vt0O ,utf c" j cucv'uqptcu,"nc'kg'nc'dqtcwct,pf c" { cr ,rcp'kpegrgo grgtf g' hctm" f ¾pgo "xg'f q| rtf c'P wtkur j gt g'PN."P wtkur j gt g'P."WCP" xg'©tg'w'i wrcp cmt,p,p'o ,ut,p'j co "rtqvgk." j co " { c . "j gmqrktg'xg'pk cuc'f g' gtrgt'k'nc'v'knk'qrcctn'¾pgo uk' "dncp w wt0Sonuç olarak"=o ,ut' vct,o ,pf c'ucpf ctv'vdecp"i Ädtgukp'k'xg'v'p'hctm" f ¾pgo "xg'f q| rtf c'P wtkur j gt g'PN."P wtkur j gt g'P." WCP" xg'©tg'w'i wrcp cmt,p,p' nq±cp'w' wrcp w' nq±cp±cr , "xg'xgto "Ä' g'kpf g'k'nc'v'knk'qrcctn'¾pgo rk' hctm,nmctc'pgf gp"qif w w'i ¾4ÄÄ Ä vÄ0Dwpw" { cp,pf c±cn o c"nupwct,p,p'nc'kg'f g' gtrgt'k'¾j co "f c . " j co "rtqvgk."pk cuc'xg'j gmqrktg'c ,tn , "Ä' g'kg'g'gnk'k'kug'k'nc'v'knk'qrcctn'¾pgo uk' "dncp w wt0"

Anahtar Kelimeler<O ,ut.'I Ädtgrgo g'P wtkur j gt g.'Xgto . "Merkg"



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#### DOĞU AKDENİZ BÖLGESİNDE ANA ÜRÜN MISIR VE PAMUK TARIMINDA BİYOKÜTLE POTANSİYELİNİN BELİRLENMESİ DETERMINATION OF BIOMASS POTENTIAL IN MAIN CROP MAIZE AND COTTON AGRICULTURE IN THE EASTERN MEDITERRANEAN REGION

Sait AYKANAT<sub>1</sub>

QTEK 3-2222/2224/78; 2/62: Z"

Ft0°Fq w'Cnf gpk/Vct,o ucn/Ctc v,t o c'GpukAũA'ŌĀf ĀtrĀ Ā 'Vct,o 'Ōcn0'xg'Vgnpqrlkgt kD³/4Ō Cf cpc/VĀtnk'g. "Tgur qpukdrg" Cwj qt +"

Mehmet Emin BİLGİLİ<sub>2</sub>

QTEK 4-2222/2224/63; 3/2762"

Fq±0Ft0°Fq w'Cnf gpk/Vct,o ucn/Ctc v,t o c'GpukAũA'ŌĀf ĀtrĀ Ā 'Vct,o 'Ōcn0'xg'Vgnpqrlkgt kD³/4Ō Cf cpc/VĀtnk'g"

Nurten KURT<sub>3</sub>

QTEK 5-2222/2224/: : 2: /5469"

Ft0°Fq w'Cnf gpk/Vct,o ucn/Ctc v,t o c'GpukAũA'ŌĀf ĀtrĀ Ā 'Vct,o 'Ōcn0'xg'Vgnpqrlkgt kD³/4Ō Cf cpc/VĀtnk'g"

Cengiz MERT<sub>4</sub>

QTEK 6-2222/2223/9: 84/29; 5"

Fq w'Cnf gpk/Vct,o ucn/Ctc v,t o c'GpukAũA'ŌĀf ĀtrĀ Ā 'Vct,o 'Ōcn0'xg'Vgnpqrlkgt kD³/4Ō Cf cpc/VĀtnk'g"

Ahmet ÖZKÜTÜK<sub>5</sub>

QTEK 7-222; /2228/2252/9322"

Fq w'Cnf gpk/Vct,o ucn/Ctc v,t o c'GpukAũA'ŌĀf ĀtrĀ Ā 'Vct,o 'Ōcn0'xg'Vgnpqrlkgt kD³/4Ō Cf cpc/VĀtnk'g"

Ali Bahadır KÜR<sub>6</sub>

QTEK 8-2222/2224/5537/49: 8

"nVct,o 'xg'Qto cp'ŌĀf ĀtrĀ Ā/Quo cpk'g/VĀtnk'g"

#### ÖZET

I gpgn'cprco f c'dk'qmĀng={c c{cp}{c'f c}{emp} co cpf c'c co , "ecpn,rtf cp'grf g'gf krgp'hqkng o go k " vĀo " dk'qnlkn'o cñ go grgt "qrctcn'kcf g'gf km gmgf kt'ŌDk'qmĀng" gpgtlkuk="±gxtg{g" w'wo nw' dkt " gpgtlk' nē{pc , "qm cmc"dk'kng"dk'qmĀng"vĀĀpg"dc n"qrctcn=dk'qi c| . "dk'qgcpqn"j kf tqlgp. "dk'qo gvcprn'xg" dk'qf k'grñ kdk'c'cmvct,p'grf gulpf g'mwmp,m cmcf,t0Dw'±cn o cf c=Fq w'Cnf gpk "d³/4i gulpf g" {gt'cncp" Cf cpc. "J cve{ "Ōgtulp'xg"Quo cpk'g'kngtkpf g'uqp"7" {,nlk'kpf g'o ,ut'xg'r co wñ'vct,o ,pf cnk'gnko "cncpnc," xg'Ātgko "o kmctret,"f kmcvg'cncpcten'vct,o ucn'vct,n'xg'dk'qmĀng" gpgtlk'r qvcpu'k'gngtk'kpegrgpo k vkt'0

O ,ut'vct,o ,c±,u,pf cp. '423; "xg'4245" {,mct, 'ctcu,pf cnk'V© M'xgtkngtk'kpg'i ¾g'uqp'7" {,m,nlgnko "cncp, "f c-+ xg'f qrc{ ,u {n'Ātgko "o kmct, "xqp+dcmo ,pf cp'kpegrgpgp" kngtg'g'dgrkr'k'qtcprctf c'ctv, nct,p'qif w'w'xg" dwpwp"cmkpg"r co wñ'Ātgko kpf g'kug"cl cn "qif w'w'i ¾ ngpo k vkt'0O ,ut'k'k'k'kngtk'p'u,tcrcu, "Cf cpc." Quo cpk'g. "J cve{ "xg'Ōgtulp'kngp"r co wnc'kug'dw'u,tcrcu c"J cve{ "Cf cpc. "Ōgtulp'xg"Quo cpk'g'qrctcn' vgr k'gf km k vkt'0"

Fq w'Cnf gpk "kngtk'k'p'uqp"7" {,m,nlqt vcrco c'o ,ut'Ātgko kpf g'vqr nco "nwnp,rcdk'k' nwt'w'nĀng"o kmct, " 999: ; : 07"vqp"kngp"dwpc"nct ,nm'dk'qpgtk'f'g g'gk'5; ; 90/6" I Y j "qrctcn'j gucr ncpo , v,t'Ō' Cf cpc" k'k' ' 7: 6nĀnr c {,n'kmü,tcf c' {gt'cm , v,t'ŌRco wñk'k'p'kug'mwmp,rcdk'k' nwt'w'nĀng"o kmct, "65: : 62Q: "vqp" kngp"dwpc" nct ,nm'i grgp" dk'qpgtk'f'g g'gk'kug"443: 0; " I Y j " qrctcn'j gucr ncpo , v,t'Ō' Rco wnc" kug"

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dkl qpgtllkf g gtlc±u,pf cp'gp'f Åmgnif g gt" 7966mÅniqtcp, {rc'J cvc { 'klpf g'f gt'cntngp'gp'f Å Ånif g gt" kug" 206; mniqtcp, {rc'Quo cpkl g'klpf g'i ¾Åm Å vÅt0"

**Anahtar Kelimeler** <F q w'cnf gpk . 'O ,u,t. 'Rco wm'Vct,o ucn'ctv,m'Dkl qmÅng.'Dkl qpgtllk"

#### ABSTRACT

Kp'i gpgtcn'vto u "dkqo cuu'ku'f ghkpgf "cu'cn'pqp/hqukkk gf "dkqmi kecn'o cvgtkcu'qdvckpgf "Itqo 'rklpi "qt" tgegpv'f "rklpi "qti cpluo u'Dkqo cuu'gpgti { "ku'cp'gpklqpo gpvcn'f "Itkpgf n' "gpgti { "uqwtg'cpf "ku'wugf "kp" vj g'r tqf vekqp'qh'hvgn'uwej "cu'dkqi cu "gv cpqn'j { f tqi gp. "o gv cpq. "o gv cpqn'cpf "f kvgn'hvgn'0'kp" vj ku' uwf { . "ci tlewmwcn'tgukf vgu'cpf "dkqo cuu'gpgti { "r qvpcvku'y gtg'gzco kpgf "kp'Cf cpc/J cvc { /O gtukp'cpf " Quo cpkl g'r tqxlpegu'kp" vj g'Gcuwtp'O gf kgttcpgcp'tgi kpp. "vcnkpi "kpv'ceeqp'v'vj g'ewmxcv'kp'ctgc'cpf " r tqf vekqp'co qwpv'kp'eqtp'cpf "eqwqp'ci tlewmw'g'kp" vj g'rcu'7" { gctu0"

Kp'vto u'qh'o ckl g'ci tlewmw'g. "ceeqt'f kpi "v'V© M'f cvc'dgy ggp'423; "cpf'4245. "k'ku'qdugtxgf "vj cv'vj gtg" ctg'egtvc'kp'kpetgcugu'kp" vj g'rcu'7" { gctu'kp'vto u'qh'ewmxcv'kp'ctgc" \*f c+'cpf "vj wu'r tqf vekqp'co qwpv' \*vpu'kp" vj g'r tqxlpegu'gzco kpgf. "cpf "kp'eqp'vcu'v'vj gtg'ku'c'f getgcug'kp'eqwqp'r tqf vekqp'0'vj g'qtf gt'qh" vj g'r tqxlpegu'ht" o ckl g'ku'Cf cpc. "Quo cpkl g. "J cvc { "cpf "O gtukp. "y j kv'ht'eqwqp'v'vj g'qtf gt'ku'J cvc { . " Cf cpc. 'O gtukp'cpf "Quo cpkl g'0"

Y j kv'vj g'vqcn'co qwpv'qh'wcdng'f t { "o cuu'kp'eqtp'r tqf vekqp'qh'vj g'Gcuwtp'O gf kgttcpgcp'r tqxlpegu' kp" vj g'rcu'7" { gctu'y cu'999: ; : 07'vpu "vj g'dkqpgti { "xcnw'g'y cu'ecre'w'v'f "cu'5; ; 906'I Y j 0Cf cpc" r tqxlpe'g'tcngf "kv'u'y kj "c'uj ctg'qh'7: 06' 0Ht'eqwqp. "vj g'co qwpv'qh'wcdng'f t { "o cuu'y cu'65: : 620: " vpu'cpf "vj g'eqttgur qpf kpi "dkqpgti { "xcnw'g'y cu'ecre'w'v'f "cu'443: 07; "I Y j 0'kp'vto u'qh'dkqpgti { " xcnw'g'kp'eqwqp. "vj g'j ki j gu'v'xcnw'g'y cu'kp"J cvc { "r tqxlpe'g'y kj "7966' "cpf "vj g'my gu'v'xcnw'g'y cu'kp" Quo cpkl g'r tqxlpe'g'y kj "206; ' 0"

**Keywords** <Gcuwtp'O gf kgttcpgcp. 'O ckl g. 'Eqwqp. 'Ci tlewmw'cn'tgukf vgu. 'Dkqo cuu. 'Dkqpgti { "

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### A REVIEW ON THE CONCEPTS OF BIOSECURITY, BIOSMUGGLING AND BIOPIRACY BİYOGÜVENLİK, BİYOKAÇAKÇILIK VE BİYOKORSANLIK KAVRAMLARI ÜZERİNE BİR DERLEME

Ali AÇIKGÖZ<sup>1</sup>

<sup>3</sup>"Ft. "Quo cpkğ'g'Mqtmw'Çv'Wpkxgt ukf. 'Rqui t cf wcv'Gf wecvkp'Kpukwv'Quo cpkğ'g.'VĀtnkğ'gO'

<sup>3</sup>QTEK'K' <ç wru<llqt ekf Qti D222/2224/4238/78: 6

Çisem YILMAZ<sup>2</sup>

<sup>4</sup>"FtO'Quo cpkğ'g'Ucv'g'J qur kcn'F gr ct w gpv'qhl'Kpvt pcn'O gf kelp'g'Ugt xkegu.'Quo cpkğ'g.'VĀtnkğ'gO'

<sup>4</sup>QTEK'K' <ç wru<llqt ekf Qti D222/2224/9362/3387"

Oğuzhan KOÇER<sup>3</sup>

<sup>5</sup>"FtO'Quo cpkğ'g'Mqtmw'Çv'Wpkxgt ukf. 'F gr ct w gpv'qhl'Rj ct o ce'Ugt xkegu.'Xqecvkpcn'Uej qqr'qhl'

J gcnj 'Ugt xkegu 'Quo cpkğ'g.'VĀtnkğ'gO'

<sup>5</sup>QTEK'K' <ç wru<llqt ekf Qti D222/2224/2326/97: 8"

Mustafa SEVİNDİK<sup>4</sup>

<sup>6</sup>Fq±gpv.'Quo cpkğ'g'Mqtmw'Çv'Wpkxgt ukf. 'Gpi kpggt kpi 'c'pf 'Pcwt cn'Uekpegu'Hcewv. 'F gr ct w gpv'qhl' Dkqrj {. 'Quo cpkğ'g.'Vwtngf"

<sup>6</sup>QTEK'K' <ç wru<llqt ekf Qti D222/2223/9445/4442"

#### ÖZET

F Āp{c'pĀhwvwp'ctwo cu,"xg'knko "f g k knk kpk'qno wv "gvnrgtk'i ,f c"knuc n,m'cncpct, pf c"ntk rgt" o g{f cpc" i gvko gmgf kO' Dw" uqt wprct,p" ±4 Āo Ā' kkp" etc vto ce,nc" xg" dĀĀ Ām' kngvgt" ±cn o cnc" {cro cmc"xg"j cvc" co cp" co cp" {ct, t'f wto f cf, tnc'0'Dw' {ct, "dc| gp"±cn o cnc'f c"dc| , "tkungtk'i 3/4 " ctf, "gf kn gupg'dc| gp'f g'dc ne'ne {pcnc't,p'±cnp, cu,"xg'hgpf k'cf ,pc'r cvgpvgo g'i kdk'j emu, | 'g{ngo rgtg" ugdgr "qncdno gmgf kO'Dk{qi Āxgprkm'dk{qnlkn'vgj rknrgtk'p'nyqvtqr'cn,pc'cn,po cu,"xg" ctctn'gvnrgtk'p' 3/4p'go guk'kg'kn k'k' kO'Ncdqtcwvct"i Āxgprk k"i gpgvk k'f g k v'k'k' k "qti cpk' o cnc't,p"i Āxgprk'mwncp,o , " 3/4p'g'knkn'nyqvtct,f ,tO'Dk{qnc±cnc,n,m"i gpgvkn'nc {pcnc't,p'k' k'puk' "qrc'cn'vqr nc'po cu,"xg'mwncp,m cu,f ,tO' Dk{q±g k'k'k' k' | gpi kp" Āmrgtg' gp"i grk o k " Āmrgtg'f q tw' {cr ,ncp"i gpgvkn'nc {pcnc' vcpuhgt'k' gp" ±qnl' i 3/4Āgp" gmk' kO'Dk{qntucpn,m'kug Dk{qnc±cnc,n ,p" dkt' cf ,o "3/4guk'p'f . "i gpgvkn'nc {pcnc't,p'k' k'puk' " mwncp,m cu," uqpwew' grf g' gf k'gp" ĀĀp'gt'kp" r cvgpvgo guk' xg" v'ectkg v'k'k' guk' kO' [ gtgn' j cmnc't,p" i gpgp'mgn'dk' k'gt'kp'xg'i gpgvkn'nc {pcnc't,p'p'±4o ĀĀm guk'±4 'nyqvwv' vtO'VĀtnkğ'g'dk{qnlkn'±g k'k'kn' c±,u,pf cp' | gpi kp'dk'eq tch{c'c'ucj kr v'k'xg'Cxtw c'mvcu,pf c'f qmw v'pew'u,tcf c'dwvpo cmcf ,tO'E q tch' | gpi kp' {cr ,u,"uc {guk'p'f g' Āmgn'f Ā' g{f g'g'p'f go kn'xg'i gpgvkn'±g k'k'k' g'ucj kr v'k'0'Dw'g'p'f go kn'xg'i gpgvkn' ±g k'k'kn'p'g'p'k'ng'VĀtnkğ'g."dkt'±gnko "o gtng' k' kO'Dw'±gnko . "dk{qnlkn'±g k'k'kn'Ā' g'k'p'f g'dk'vgj f k' qnw wto cmcf ,tO' cucn'r q'k'kn'xg'mv'wo uc'n'k'ngo rgt'kp' {g'v'k' r'k k'v'Āo 'f Āp' {cf c'q'f w w'i kdk'VĀtnkğ'g'f g' dk{qnc±cnc,n,m'xg'dk{qntucpn,m'nyqvtwprct,pc' | go kp'j c| , tnc' cmcf ,tO'"

Anahtar Kelimeler: "dk{qi Āxgprkm'dk{qnc±cnc,n,m"dk{qntucpn,m"dk{q±g k'k'kn' "

#### ABSTRACT

Vj g'k'p'etg'cu'k'p' "y q'rtf "r qr wcv'kp'cpf "y g'pgi cv'xg'g'gh'g'ew'q'h'erko cvg'ej cpi g'ctg'ecw'k'p' "et'k'gu'kp' "y g' ctgcu'q'h'hq'f "cpf "j genj 0T'gug'ctej gtu'cpf "m'ti g'eqo r c'p'kgu'ctg'y q'nt'k'p' "vq"u'q'rk'g'y g'ug'r tqd'rgo u'cpf " u'qo g'ko gu'y g' {ctg'gx'p'eqo r g'v'k'p' 0'Vj k'u'eqo r g'v'k'q'p'ecp'u'qo g'ko gu'h'g'cf "vq"u'qo g't'k'umi'd'g'k'p' "k' p'q'g'f " kp' "y g'uwf'k'gu'cpf "u'qo g'ko gu'v'q"v'p'h'ct "cev'k'pu'uwej "cu'ug'c'rk'p' "q'v'g't'g'u'q'w'eg'uc'p'f "r cvgp'k'p' "kp'p'p'g'u"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

qy p"pco g0'Dkuchgv{"ku"cdqw"eqvtqmkpi "dkqmi kecn'j c| ctf u"cpf "rtgxgpvki "vj gkt"j cto hwn'ghgeu0' Ncdqtcvt{"uchgv"cpf "vj g"uchg" wug"qh"i gpgvkecm{"o qf kkgf" qti cpkuo u"ctg"vj g" rtkqtkv{"kuuwgu0' Dkquo wi i nkpi "ku'vj g"wpewj qtk gf "eqngevkap"cpf "wug"qh'i gpgvke"tguqwtegu0'Vj g"o qu'eqo o qp"htqo "qh" i gpgvke"tguqwtg"tcpuht"htqo "eqwvkgu'y kj "tlej "dkqf kxgtukv{"vq'f gxgnr gf "eqwvkgu0'Dkqr ktce{"ku'qpg" ugr "dg{qpf "dkquo wi i nkpi ."cpf "ku'vj g'r cvgpvki "cpf"eqo o gtecrk cvkap"qh'r tqf weu'qdvkpgf "cu'c'tguwn" qh'vj g"wpewj qtk gf "wug"qh'i gpgvke"tguqwtegu0'K'kpxqngv"vj g"gzr mkscvkap"qh'vj g"vtf ksqpcn'mpqy rnf i g" cpf "i gpgvke"tguqwtg"qh'mecnr gqr ngu0'Vwtng{"j cu'c'tlej "i gqi trj {"kp"vgtu u'qh"dkqf kxgtukv{"cpf "ku" tcnpgf "pkvj "kp'vj g'Gwtqr gcp"eqvkgp0'Vj cpm'vq"ku'i gqi trj kecm{"tlej "utwewtg."k'j cu'c'j ki j "ngxgn" qh'gpf go ke"cpf "i gpgvke"fkxgtukv{0'F wv"vq"vj ku'gpf go ke"cpf "i gpgvke"fkxgtukv{."Vwtng{"ku'c"egpvt"qh" cwtcevkp0'Vj ku'cwtcevkp"r qugu"v"vj tgc'vq"dkqmi kecn'f kxgtukv{0'Vj g'kpcf gs wce{"qh'rgi cn'r qrkkecn'cpf" kpukwkqpcn'u{ ugo u'r cxgu'vj g'y c{"htq"dkquo wi i nkpi "cpf"dkqr ktce{"rtqdrgo u'kp"Vwtng{."cu'kp'vj g'tguv" qh'vj g'y qtrf 0'

**Keywords:**"dkqgevtkv{."dkquo wi i nkpi ."dkqr ktce{."dkqf kxgtukv{"

III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH  
CONFERENCE

KATI ATIK SERAMİĞİNİN TASARLANMIŞ ÇİMENTO ESASLI KOMPOZİTLERDE  
ÇİMENTO OLARAK KULLANILMASI  
USE OF SOLID WASTE CERAMICS AS CEMENT IN ENGINEERED CEMENTITIOUS  
COMPOSITE

Doç. Dr. Hasan Erhan Yücel<sup>1</sup>, Arş. Gör. Fatih Yıldızhan<sup>2\*</sup>, Prof. Dr. Mustafa Günel<sup>3</sup>

3"P k f g" o gt "J c r k f go k "©p k x g t u k g u k " p c c v' O Æ j g p f k u r k k' D' / Æ Å Æ " 2222/2223/9854/4875"

4, " \* U t w o n w' / c / c t + I c / k p v g r " © p k x g t u k g u k " p c c v' O Æ j g p f k u r k k' D' / Æ Å Æ " 2222/2224/3859/5432" 5" I c / k p v g r " © p k x g t u k g u k " p c c v' O Æ j g p f k u r k k' D' / Æ Å Æ " 2222/2224/89: 9/4688"

ÖZET

Vcuctrepo , " ±ko gpvq "gucun "nqo r q l k r g t . " k n i ± c v m e m p " u q p t c " u Æ p g n i d k t " o c n j go g " i k d k ' g n k n i f g k v t o g " u g t v g o g u k ' i ¾ u g t g p " x g " i g r g p g m u g n i d g v q p c " i ¾ 4 g " { c m c , n i 5 2 2 " k g " 7 2 2 " n e v , n e f c t " f c j c " h c | n e ± g n o g " g n k n i f g k v t o g " n e r c u k g u k p g " u c j k r " q n c p " n q o r q l k v d k t " o c n j go g f k 0 D w Æ u w Æ p " ¾ g n k m g t g " u c j k r " q n o c u , p , p " { c p , " u , t c " k ± g t k k p f g n k " h c | n e ± k o g p v q " o k m c t , " o c r k f g v " x g " ± g x t g u g n k n i q n e t e n i f g l e x c p v e l " q n w w t o c m e f , t 0 D w ± c n o c f c " v c u t r e p o , " ± k o g p v q " g u c u n " n q o r q l k r g t f g " n e v , c v , n i u g t c o k k ' ± k o g p v q " { g t k p g " n Æ r g e g " u , t c u , { r " ' 4 2 . " ' 5 2 " x g " " 6 2 " q t e p , p f c " m m e p , m , v t 0 P w o w p g r g t g " o k p k ' u n w o r . " w n t c u q p k n i f e r i c " j , | , . " d e u , p ± " x g " g k n o g " v g u w g t k w i w c p o , v t 0 D w f g p g g i n g t f g p " g r f g " g f k g p " u q p w e r t c " i ¾ 4 g . " ± k o g p v q " { g t k p g " c v , n i u g t c o k n i m m e p , o , p , p " f c { c p , o " f g g t r g t k p k ' f Æ Æ f Æ Æ " h c n e v " k r g p g d k k r k k ' x g " u Æ p g m k k k ' c t v , t f , , " i ¾ 4 n g o n g p o k v t 0 Y c n o c p , p " u q p w e r t , c v , n i u g t c o k k p " i g t k f ¾ p Æ Å Å o Æ p f g " x g " u Æ f Æ Æ g d k k k " v c u t r e p o , " ± k o g p v q " g u c u n " n q o r q l k v Æ g k o k p f g t f g g t i k d w i w c t " u w p o c m e f , t 0 "

**Anahtar Kelimeler:** Vcuctrepo , " ±ko gpvq " gucun , " nqo r q l k r g t . " C v , n i u g t c o k n i " Y k o g p v q . " O g n e p k n i " | g n k m g t . " U Æ f Æ Æ g d k k k k n i "

ABSTRACT

Gpi k p g g t g f " e g o g p v k k q w u " e q o r q u k g u " c t g " e q o r q u k g " o c v g t k n u " v j c v ' g z j k d k ' u t c k p " j c t f g p k p i " h k n g " c " f w e v k n g " o c v g t k n i c h g t " v j g ' h k u w e t c e n i l c p f " j c x g " c " v g p u k r g " u t c k p " e c r c e k v " q h i c r r t q z k o c v g n " " 5 2 2 " v q " 7 2 2 " v k o g u ' o q t g " v j c p " e q p x g p v k p c n i e q p e t g v g 0 F g u r k g " j c x k p i " v j g u g " u w r g t k q t " r t q r g t v k g u . " v j g " g z e g u " c o q w p v / q h ' e g o g p v ' k p " k u " e q p v g p v e t g c v g u " f k u c f x c p v e i g u ' k p " v g t o u " q h ' e q u " c p f " g p x k t q p o g p v e n i k u w g u 0 ' k p " v j k u ' u w f { . " u q i k f " y c u g " e g t c o k e u ' y g t g " w u g f " k p u g c f " q h i e g o g p v ' k p " v j g p i k p g g t g f " e g o g p v k k q w u " e q o r q u k g u " c v ' c " t c v g " q h i 4 2 ' . " 5 2 ' " c p f " 6 2 ' " d { " o c u u . " t g u r g e v k x g n i 0 O k p k ' u n w o r . " w n t c u q p k e " r w u g " x g m e k v . " e q o r t g u k q p " c p f " h g z w t c n i ' v g u u " y g t g " c r r i k g f " v q " v j g " u c o r r g u 0 C e e q t f k p i " v q " v j g t g u w n u " q d v c k p g f " h t q o " v j g u g " g z r g t k o g p v u . " k ' y c u ' q d u g t x g f " v j c v ' v j g " w u g " q h i y c u g " e g t c o k e u " k p u g c f " q h i e g o g p v ' f g e t g c u g f " v j g " u t g p i v j " x c n w g u " d w " k p e t g c u g f " v j g " y q t n e d k r k v " c p f " f w e v k k v 0 V j g " t g u w n u " q h i v j g " u w f { " r t q x k f g " x c n e d r g " h k p f k p i u " k p " v j g " t g e { e r k p i " q h i y c u g " e g t c o k e u " c p f " v j g r t q f w e v k q p " q h i u w u c k p c d r g " g p i k p g g t g f " e g o g p v k k q w u " e q o r q u k g u 0 "

**Keywords:** " Gpi k p g g t g f " e g o g p v k k q w u " e q o r q u k g u . " Y c u g " e g t c o k e . " E g o g p v . " O g e j c p k e c n i " R t q r g t v k g u " U w u c k p c d k k v { "

ABSTRACT BOOK

TÜRKİYE’ DE YERLİ TAVUK IRKLARINDA VERİM DÜZEYLERİNİN GELİŞTİRİLMESİ İÇİN YAPILAN GENETİK ISLAH ÇALIŞMALARININ GÜNCEL DURUMU  
CURRENT STATUS OF GENETIC BREEDING STUDIES FOR IMPROVING THE PRODUCTIVITY LEVELS OF DOMESTIC CHICKEN BREEDS IN TÜRKİYE

Yunus Emre BOĞA<sup>1</sup>

<sup>3</sup>CtI 3/4. "Kf, t'©pkxgt ukxguk" \ kccv'lcññnguk" \ qqvgmpk "Kf, t. "VÄtnkğ 0"

<sup>3</sup>QTEK "PQ<2222/2225/3674/4: 95"

Ali KEPEZKAYA <sup>2</sup>"

<sup>4</sup>"[00Äj. "¥wmt qxc"©pkxgt ukxguk" \ kccv'lcññnguk" \ qqvgmpk "Cf cpc "VÄtnkğ 0"

<sup>4</sup>"QTEK "PQ<222; /2229/99; 7/363Z

4

ÖZET

Dw±cn o cp,p"co ce, "VÄtnkğ 0" g"dwmpcp" { gtrk'vcxwnl,tmct, "j cmmf c"i Äpegr'dki krgtkp"xgtkno guk"i gp" ne {pcmet,p,p" nqt wpo cu, "xg" xgtko "3/4 gnknmgtkpkp" ctvt,m cu, "co ce, {rc" {cr,ncp"±cn o crct" j cmmf c" i grk o grgtk'dgrkvo gmk0VÄtnkğ'i kdk'i grk o gmğ'qrcp"Ämrgtğ' g" { wo wtvc"xg"gvkj vñ ce,p,p"dÄ{ Äniqtcpf c." Ätgvk'kf k gt"Ämrgtğ' gp'kj cn'gf krgp"j kdtk',tmct'xcu,vcu, {rc'net ,ncp cmmf,t0Hncv'Ämrgtğ'gnqppqo knl' ctvct,pc"dc n"qrcctm'j kdtk'ekxek"lk'cvct,pf c" {c cpcp'ctv, rct."gv'xg" { wo wtvc"Ätgvko kpk'grf g"gf kno g" uÄtgelok'i kf gtgn'i Äng vto gmğ'f k0Dw'r tqdngo kp"±3/4 Äo Äpg" {3/4pgrkn'qrcctm'uwpk'vqj wo mo c."i gpgvkn' k'kg vto g"xg",urc'j "i kdk'±g krk'±cn o crct" {cr,m cmmf,t0[ gtrk'vcxwnl,tmct, "kug"i gpgnkm'j kdtk',tmctc" m {cur'f c'j c'f Ä Äni'xgtko rkrn'f Ä g {kpg'ucj kr vtoDwpc'tc o gp."dw',tmct,p" {gtgnknko "nq wrcct,pc"wf wo " uc mo crct, "xg"j cuvcnmetc'het , "f c {cp,mnñm'i 3/4ngto grgtk'i kdk'3/4 gnknmgt. "i gpgn'qrcctm'ntucn'd'3/4i grgtf g" hcrc'k' gv'i 3/4ngt gp'mÄ-Äni'±gnk'ckrg" k ngvo grgtk'p'f g'v'g'g' "gf kno g"ugdgd'k'qmo w wt0Cmgo k'f g'i g±o k vgp" i ÄpÄo Ä g"ncf ct"i gm k "F gpk'rk" "I gt| g" \*J ce, "ncf, + "Uwncp. "¥, r rncm'dq {wp'vcxwnmct, " {gtrk',tmct,o, | " dwmpo cme "xg"gp"±qnl'vcp,pcp'kug'F gpk'rk',tmo, | f,t0F gpk'rk'xg'I gt| g",tmct, "qtkk'pgrtkpk'nc {dgvo go k." i gp'nc {pcmet, "nqt wpo w wt0Uwncp",tm'kug'±g krk'p'gf g'pgrtng'i gp'nc {pcmet, "nqt wpc co , "xg"qtkk'pgrtkpk' ne {dgvo k rgtf k0F gpk'rk'i gpqvr kpg'ck'j qtq| rct" w'wp"uÄtğ'3/4Ä rgtk'rg"dkrkpk"xg" "I gt| g",tm" "kug"dwtp" {cr,rcct,p,p"hcctm"qno cu,pf cp'f qrc' {, "f k gt",tmctf cp" c {t,m cmmf,t0Gv'k'xg" { wo wtvc, "j kdt krgtkp" { Ämgn' o crk'gvgt" xg" f, c" dc ,o nn ,p"i gv'kf k k' uqt wrcct. "kj crcv" {qmw {rc" grf g" gf kno kpk' i kf gtgn'i Ä±" j crg" i gv'kto gmğ'f k0J kdtk' i gpqvr rgtk'p' hñ'cvct,p,p" uÄtgnk' ctvo cu, "Ämrgt" ctcu,pf cnk' uk'cuk' f wtvo " xg" gnqppqo knl'nq wrcct,p" {ctcw, , "qno wq nwmct." dw"j kdtk'rgtkp" uÄt Ä Ärgdkrk" gnkf g" grf g" gf kno guk' xg" Ätgvko kpk'f gxco nn , "c±,upf cp"ek'f k'r tqdngo rgtg"pgf gp"qno cmmf,t0Dw' uqt wrcct,p"i kf gtko guk'p'f g. " {gtrk',tmct,p"i gp"nc {pcmet,p,p" nqt wrcct'cn,pc" cnpo cu, "urc'j " r tqi tco rct,p,p"i grk vtko guk' xg" f, c" dc ,o nn , "c' cn'cdk'rgcgnl' w'i wro crct,p" {cr,m cu, "uqt wrcct,p"i kf gtk'gd'k'o guk' k'kp" dk" ±3/4 Äo " {qmw qno w wt0' Krc'j " r tqi tco rct,pf cnk' co c±= {gtrk',tmct,p"i gpqvr" f g grgtk'p'p" { Ämgnko guk'p' uc ncpo cu,f,t0[ cr,ncp"dk'±qnl'±cn o cf c" F gpk'rk',tm"vcxwnmct,p" gv'xg" { wo wtvc"xgtko rgtk'p'p" "I gt| g" ,tmf cp'f c'j c" {Ämgn'dwmpf w wlcncv' { wo wtvc'hcrc'guk'p'kug'I gt| g",tm"vcxwnmctf c'f c'j c" { Ämgn'k'qf w w' i 3/4 rgtk'o k vtoUqp" {,mctf c"dw'nqpw' c'ctvc'p'hcctmpf cn,nc"dk'rkmg. " {gtrk',tmct,p"nqt wpo cu,pc" {3/4pgrkn' ±g krk'ctc vto crct" {cr,m c'c' dc ncp,m , vto[ gtrk',tmct,p",urc'j ,kg'ki krk'±cn o crct'f gxco "gw'f g'xgtko " c±,upf cp" kug'p'k'p'f Ä g'g'j gpÄ "wrc ,mo co , vtoDw',tmct,p"ur gto c"ncrk'g'3/4 gnknmgt'k'p'egrgpo guk"dw' ,tmct,p"nwncv"r gthqto cpu,pc"demmo cu, "i gpqvr kn'3/4 gnknmgtk'p'dgrk'ngpo guk'i kdk'±cn o crct,p'f gxco " gvo guk'i gtno gmğ'f k0[ gtrk'vcxwnl,tmct,o, | ,p"i gp'nc {pcmet,p,p"nqt wpo cu, "gv'xg" { wo wtvc"xgtko rgtk'p" { Ämgnko guk'Ä g'k'p'g'i gpk'xg'f c'j c'nc'nc'wco n'ctc vto crct" {cr,m cu, "j go "dw" {gtrk',tmct,p'f gxco nn ,p, " j go "f g'gp' Äm'k' gr'Ätgvko f g'v'g'g' "gf kno guk'p'ctvto cmmf,t0'

Anahtar Kelimeler: "Krc'j. "Xgtko "f Ä g'k' [ gtrk',tmct." "J kdtk' "I gpqvr rgt"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

Vj g'cko 'qh'v ku'uwf { 'ku'v'f kxg'wr /vq/f cvg'kphqto cvkqp'cdqww'v g'kpf ki gpqwu'dtggf u'lp'Vwtng{ . 'v'kpf kecvg' vj g'f g'xgnr o gpwu'cdqww'v g'uwf lgu'ecttkgf "qw'lp'qtf gt'v' r tqvev'v g'i gpg'tguqtegu'cpf 'v'kpetgcug'v' g' r tqf vekxk' { 'ej ctcevtkueu'k' f g'xgnr kpi "eqwptk'uwej "cu'Vwtng{ . 'v' g'pggf "hqt"gi i u'cpf "o gcv'ku' rcti gn' 'o g'vd' { 'j { dtkf 'dtggf u'ko r qtvf 'htqo "qv' gt'r tqf vekpi "eqwptk'UJ qy g'xgt. 'v' g'kpetgcug'lp'j { dtkf " ej len'r tlegu'f gr gpf kpi "qp'v' g'geqpqo le'eqpf k'k'pu'qh'v' g'eqwptk'ue' cng'v' g'r tqeguu'qh'qdck'kpi "o gcv' cpf " gi i " r tqf vekqp" kpetgcukpi n' " f k'he'w' Xctk'qwu' uwf lgu' uwej " cu' ct'k'ek'ni' k'pugo k'pcv'kqp. " i gpg'v' ko r tqxgo gpv'cpf "dtggf kpi "ctg'ecttkgf "qw'v' u'q'ng'v' ku'r tqdngo 'OF' qo guke"ej kengp"dtggf u'i gpgtcm' { " j cxg'ny' gt'r tqf vekxk' { 'ng'nu'eqo r ctgf "v'j' { dtkf "dtggf u'OP g'xgt'v' g'guu' 'v' g'cf cr vcdk'k' { 'qh'v' g'ug' dtggf u' v' "ne'c'ni'eko cv'le'eqpf k'k'pu'cpf 'v' g'k' t'g'u'nc'peg'v' f k'ug'cug'j' cxg'dggp'v' g't'g'cu'p' y' j { 'v' g' { 'ctg'i' gpgtcm' { " r t'gh'gt'gf "lp'uo cm'uecng' h'co k' { "gpv'r t'k'gu'qr g'v'kpi "k' t'w'cn'ct'g'cu'k' "q'w' "eqwpt' { . 'v' g'tg'ctg'F' g'p'k' r'k' " I' g't' g' "J' ce, 'h'uf, +, 'Uwncp. '¥, r' n'ni'p'gen'lej kengp' dtggf u'y' j' k'ej "j' cxg' u'w'x'k'g'f "htqo "v' g'r cu'v'v' v' g'r t'g'ug'p'v' cpf "F' g'p'k' r'k' dtggf "ku'v' g'o quv't'geqi p'k'ug' "q'p'g'OF' g'p'k' r'k'cpf "I' g't' g' dtggf u'j' cxg'p'q'v'nu'v'v' g'k' "q'ki k'p'cpf " v' g'k' i' gpg' u'q'w'g'j' cxg'dggp' r' t'g'ug'x'g'f 'OUwncp' dtggf. "qp'v' g'qv' gt'j' cpf . 'eqw'f' p'q'v' r' t'g'ug'x'g'v' g'k' i' gpg'v'le' t'g'u'w'tegu'ht' "xctk'qwu' t'g'cu'pu'cpf "nu'v'v' g'k' "q'ki k'p'OT' q'q'ug'ut' d'gn'pi kpi "v' "F' g'p'k' r'k' i' gpq'v' r' g' "ctg' n'p'q' y' p' h'q' "v' g'k' "n'pi "et'q'v' kpi "cpf "I' g't' g' dtggf "ku'f' k'ht'g'p'v'k'v'g'f "htqo "qv' gt' dtggf u'f' v'g' "v' g'k' "f' k'ht'g'p'v' p'q'ug' u'w'w'w'g'u'V'j' g'j' k' j' "equu'qh' dt'q'k'gt' "cpf "h'c' { g't'j' { dtkf u'cpf "v' g'r tqdngo u'ecw'ug'f "d' { 'h'q'g'ki p'f' gr g'p'f' g'p' { " o cng' k'v'k'petgcukpi n' "f' k'he'w'v'v' q'd'v'ck'p'v' go "v' j' tq'w' i' "ko r q't'u'OF'v' g'eq'v'p'w'q'w' k'petgcug' k'p'v' g'r t'legu'q'h' j' { dtkf "i' gpq'v' r' gu' "v' g'r r' q'k'k'ec'n' u'k'w'v'k'p' "d'g'w' g'p' "eqw'p't'k'g'u'cpf "v' g' "p'gi cv'k'k'g'u'et'g'v'g'f "d' { "geqpqo le' eqpf k'k'pu'ecw'ug' u'g't'k'q'w' r' tqdngo u' "lp' "v'go u' "qh'v' g' "u'w'c'k'p'cd'ng' "ces w'k'k'k'p' "cpf "r' tqf vekqp" q'h'v' g'ug' j' { dtkf u'OF' "q'tf gt' "v' "q'x'g'te'qo g' "v' g'ug' r' tqdngo u' "v'cn'k'pi "v' g' "i' gpg' t'g'u'q'te'gu' q'h'f' qo guke" dtggf u' w'p'f' gt' eq'p't'qn' f' g'x'gnr kpi " dtggf kpi " r' tqi t'co o' gu' "cpf " ko r' n'go gp'v'k'pi " r' t'ce'v'legu' "v' cv' e'cp' "t'g'f' w'eg' "h'q'g'ki p' f' gr g'p'f' g'p' { "j' cxg'd'ge'qo g' "c' u'q'w'w'k'p' "v' "q'x'g'te'qo g' "v' g'r tqdngo u'OF'v' g'cko "qh' dtggf kpi "r' tqi t'co o' gu' "ku'v'v' k'petgcug'v' g'i' gpq'v' r' g' "x'c'n'g'u' q'h'f' qo guke" dtggf u'OF' "o' cp' { "uwf' lgu' "k'v'j' cu'd'ggp' q'd'ug'x'g'f "v' cv'o' gcv'cpf " gi i " { k'gr'f' u' "qh' "F' g'p'k' r'k' dtggf "ej kengpu'ctg'j' k' j' gt' "v' cp' "I' g't' g' dtggf . "dw'g' i' "s' w'cr'k' { "ku'j' k' j' gt' "lp' "I' g't' g' dtggf "ej kengpu'OF' "t'ge'gp'v' { g'ct' u' "y' k'j' "v' g' "k'petgcukpi "cy' ct'g'p'gu' "qp'v' ku'ku'w'g' . "xctk'qwu' t'g'ug'ct'ej' gu'j' cxg' u'ct'v'g' "v' "dg'ecttkgf "qw' "h'q' "v' g' r' tq'v'v'k'p' "qh'f' qo guke" dtggf u'OF' "C' n'j' q'w' j' "uwf' lgu' "qp'v' g' dtggf kpi "qh' f' qo guke" dtggf u'eq'v'k'p'w'g' . "v' g'f' g'uk'g'f "ng'x'gn'lp' "v'go u' "qh' r' tqf vekxk' { "j' cu'p'q'v' { g'v'd'ggp' t'g'cej' g'f' 'OUw'f' lgu' uwej "cu'gz'co k'p'kpi "ugo gp' "s' w'cr'k' { "ej ctcevtkueu'qh'v' g'ug' dtggf u' .j' c'v'ej kpi "r' g'ht'qto c'peg' q'h'v' g'ug' dtggf u' . " f' g'v'go k'pc'v'k'p' q'h' i' gpq'v' r' le' "ej ctcevtkueu'v'j' q'w'f' "dg'eq'v'k'p'w'g'f' OF'v' g'r tq'v'v'k'p' "qh'v' g'i' gpg' t'g'u'q'te'gu' q'h' q'w'f' qo guke"ej kengp' dtggf u'cpf "o' q't'g' "gz'v'p'uk'x'g' "cpf "o' q't'g' "eqo r' t'g'j' g'p'uk'x'g' t'g'ug'ct'ej' gu'q'p' k'petgcukpi "o' gcv' cpf "gi i " { k'gr'f' u' "y' kn' k'petgcug' "dq'v' "v' g' "eq'v'k'p'w'k' { "qh'v' g'ug' "f' qo guke" dtggf u' "cpf "v' g'k' "r' t'gh'g'p'eg' "lp' k'p'f' w'ut'k'ni' r' tqf vekqp'OF

**Keywords:** "Dtggf kpi . [ k'gr'f' ng'x'gn' "Nq'ec'n' dtggf u' .j' { dtkf . "I' gpq'v' r' gu' "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### $\mathbb{Z}_4 + u\mathbb{Z}_4 + v\mathbb{Z}_4 + uv\mathbb{Z}_4$ HALKASI ÜZERİNDE DNA KODLARIN BİR İNŞAASI A CONSTRUCTION OF DNA CODES OVER THE RING $\mathbb{Z}_4 + u\mathbb{Z}_4 + v\mathbb{Z}_4 + uv\mathbb{Z}_4$

Cennet ESKAL<sup>1</sup>

<sup>3</sup>Cuukw'RtqlhFt. 'Quo cpk'g'Mqtmw'Cvc 'Wpkxgt ukş. 'Hcewmş 'qlh'Gpi kpggt kpi 'cpf 'Pcwt cn'Uekpegu. "  
F grctwo gpv'qh'O cyj go c'keu 'Quo cpk'g. 'VAtnk'gO'

<sup>3</sup>QTEKF 'KF <j wru<lqt ekş Qti I 2222/2224/2676/8922"

Basri ÇALIŞKAN<sup>2</sup>"

<sup>4</sup>"Cuuke0RtqlhFt0'Quo cpk'g'Mqtmw'Cvc 'Wpkxgt ukş. 'Hcewmş 'qlh'Gpi kpggt kpi 'cpf 'Pcwt cn'Uekpegu. "  
F grctwo gpv'qh'O cyj go c'keu. 'Quo cpk'g. 'VAtnk'gO'

<sup>4</sup>QTEKF 'KF <j wru<lqt ekş Qti I 2222/2225/7342/642: "

#### ÖZET

Dw±cn, o cf c"u<sup>2</sup> = u." v<sup>2</sup> = v." uv = vu "qro cni'Ā gtg"478"grgo cpn' | lpekuk

$$S = \frac{\mathbb{Z}_4[u, v]}{\langle u^2 - u, v^2 - v, uv - vu \rangle} \cong \mathbb{Z}_4 + u\mathbb{Z}_4 + v\mathbb{Z}_4 + uv\mathbb{Z}_4 = \{a + ub + vb + uvd \mid a, b, c, d \in \mathbb{Z}_4\}$$

j cmæu, "Ā gt'kf g'vcp, o n'FPC"nqf rctf cp'dej ugf kro k vkt0'

FPC"kr rknkmgk'cf gplp"\*A±: "vko lp"\*T±: "i wcpkp"\*G±"xg"ukş | kp"\*C±"f gplp'p'f 3/4 v'p'Āmgqvk'kp'dk't'f k'kuk'  
qrctem'Ā Āp'Āgdktk'0'Dw'dc | rct"Y cvuqp/Etleni'vco r{cp, 'mæcn. "{cpk'A<sup>c</sup> = T, T<sup>c</sup> = A, C<sup>c</sup> = G, G<sup>c</sup> =  
C" k'g" dk'dk'ngt'kp'g" dc nf, t0' {A, T, C, G}" c'rhcdguk' mæcp, rctem' qnw wt wæp" FPC" nqf rct, " dk'qdkko ."  
dk'i kuc {ct"o Āj gpf kurk k"xgtk'f gr qro c."FPC"r tqi tco rco c. "j cv" f'Ā gno g'vgqt'kuk'i kd'k'dk±qni'cnc'p'c"  
{c{i , p'qrctem'mæcp, m cme'f, t0'FPC"mæ, rct, "J co o kpi 'w' em, m'hu, v. 'vgtu'u, tc'hu, v. 'vgtu'u, tc'vco r{cp"  
mæ, v. "ucdk'p'o k "I E/o kmct" mæ, v, + "i 3/4 " 3/4 Āpf g" dwæpf wæ rctem' uqpnw' ekuko ngt" xg" uqpnw' j cmæ: rct"  
Ā gt'kf g' dk±qni'FPC"nqf "±cn, o cu, "i gt±gmg vkt kro k vkt0'FPCøp, p'f 3/4 v'go gni'dc | f cp'qnw o cu, "6" xg{c"  
6øp' nwx'gk'grgo cpc'ucj k' uqpnw' egdk'ugni' {cr, rct'Ā gt'kf g'±cn, o c { , 'i gtmk'f k0'

FPC"vgo gni'dc | rct, p, p" S<sub>D<sub>4</sub></sub> = {A, T, C, G}" c'rhcdguk'Ā gt'kf gnk'dk"x = x<sub>1</sub>x<sub>2</sub> ... x<sub>n</sub>" f k'kuk'kp"vgtu'u, tcnu,  
x<sup>r</sup> = x<sub>n</sub>x<sub>n-1</sub> ... x<sub>1</sub>" qrctem' vcp, o rcp, t0' A<sup>c</sup> = T, T<sup>c</sup> = A, C<sup>c</sup> = G, G<sup>c</sup> = C" qro cni' Ā gtg" x =  
x<sub>1</sub>x<sub>2</sub> ... x<sub>n</sub>"FPC"f k'kuk'kp"vco r{cp, " x<sup>c</sup> = x<sub>1</sub><sup>c</sup>x<sub>2</sub><sup>c</sup> ... x<sub>n</sub><sup>c</sup>" qrctem'vcp, o rcp, t0'S"j cmæ, p, p"grgo cprct, pc  
rct , nmi' g'p'FPC" f 3/4 v'Āgt'kp'g' ng vkt gp'dk'δ: S → S<sub>D<sub>4</sub></sub><sup>4</sup> " f 3/4 Ā Āo Ā

$$\delta(x)^c = \delta(x + (2 + 2u + 2v + 2uv))$$

$$\delta(x)^r = \delta(x^r)$$

qrctem' gnkf g'vcp, o rcp, vkt0'

G. "S"j cmæu, "Ā gt'kf g'j gtj cpi k'dk'Āgtg±"o cvt'kuk'qni'wp0' pegnkmg"G"o cvt'kuk'kp"Āgtwk k'nqf "<G>øpk'δ"  
cni, p'c'i 3/4 Āp'Āu'Ā'qnc'p'δ(<G>)'FPC"nqf vwpv'vgtu'u, tcn'xg'vgtu'u, tc'vco r{cp'qrf w w'i 3/4 v'gt kro k vkt0'F c'j"  
uqptc'kug"C." S"j cmæu, "Ā gt'kf g'vcp, o n'xg"(n, M, d<sub>G</sub>)"r ctco g'vgrgt'kp'g'ucj k' "dk'k'p'ggt'nqf "qro cni'Ā gtg.  
δ(C)"nqf vwpv"(4n, M, d<sub>H</sub>)"r ctco g'vgrgt'kp'g'ucj k' "dk'FPC"nqf "qrf w w'i 3/4 v'gt kro k vkt0'

Anahtar Kelimeler: "Nkpggt'Mqf. 'FPC'Mqf. 'Vgtu'U, tc'Vco r{cp0'



**ABSTRACT**

Kp'vj ku'r cr gt. 'kv'j cu'dggp'o gpv'kqpgf 'FPC'eqf gu'qxgt'vj g'pqp/eqj ckp'tkpi "

$$S = \frac{\mathbb{Z}_4[u, v]}{\langle u^2 - u, v^2 - v, uv - vu \rangle} \cong \mathbb{Z}_4 + u\mathbb{Z}_4 + v\mathbb{Z}_4 + uv\mathbb{Z}_4 = \{a + ub + vb + uvd \mid a, b, c, d \in \mathbb{Z}_4\}$$

y kj "478"rgo gpw'cpf "  $u^2 = u.$  "  $v^2 = v.$  "  $uv = vu.$

Vj g'FPC'utcpf u'egp'dg'eqpukf gtgf "cu'ugs wgegu'qh'hqwt'pwergqvkf gu."pco gn' "Cf gplkg"\*A+."vj {o kpg" \*T+."i wcpkpg"\*G+."e{vukpg"\*C+0"Vj qug'dcugu'ctg'kpgf "vr'd{ "vj g'Y cwqp/Etkem'eqo r ngo gpv"\*Y EE+'twrg" uwej "vj cv'A<sup>c</sup> = T, T<sup>c</sup> = A, C<sup>c</sup> = G, G<sup>c</sup> = C. "FPC"eqf gu."y j lej "eqpukw'qh'eqf gy qtf u'qxgt" yj g crj cdgv{A, T, C, G}. "ctg"y kf gn' "wugf "kp"dkuelgpeg."eqo r wgt "gpi kpgtkpi ."fcv"uqtci g"cpf "FPC" eqo r wkp'i 0Eqpukf gtkpi 'FPC'eqputckpv"\*j g'J co o kpi 'eqputckpv'ht'b kpk'o wo ."vj g'tgxgtug'eqputckpv" yj g'tgxgtug/eqo r ngo gpv'eqputckpv'cpf "vj g'kzgf 'I E/eqpvgpv'eqputckpv+."o cp{ 'FPC'eqf gu'uwf kgu'qxgt" yj g'kpkpg' tkpi u'cpf "kpkpg" hgrf u'j cxg" dggp"ecttkgf "qwo' Vj g' hcv' yj cv'FPC"j cu' hqwt' pwergqvkf gu" pgeguikcvf "y j qtnkpi "qp'kpkpg'cni gdtck'utwewtgu'y kj "6"qt'r qy gtu'qh'6"rgo gpw'0

Y g'f ghp'vj g'tgxgtug'qh'c'ugs wgegu"x = x<sub>1</sub>x<sub>2</sub> ... x<sub>n</sub>"qxgt'vj g'crj cdgvS<sub>D<sub>4</sub></sub> = {A, T, C, G} "qh'FPC'dcuku d{ " x<sup>r</sup> = x<sub>n</sub>x<sub>n-1</sub> ... x<sub>1</sub> 0'Y g'f ghp'vj g'eqo r ngo gpv'qh'c'FPC"ugs wgegu" x = x<sub>1</sub>x<sub>2</sub> ... x<sub>n</sub> "d{ "x<sup>c</sup> = x<sub>1</sub><sup>c</sup>x<sub>2</sub><sup>c</sup> ... x<sub>n</sub><sup>c</sup>, "y j gtg'A<sup>c</sup> = T, T<sup>c</sup> = A, C<sup>c</sup> = G, G<sup>c</sup> = C. δ: S → S<sub>D<sub>4</sub></sub><sup>4</sup>"o cr'j cu'dggp'f ghp'g'uwj "vj cv

$$\delta(x)^c = \delta(x + (2 + 2u + 2v + 2uv))$$

$$\delta(x)^r = \delta(x^r)$$

y j lej "i kxgu'c'qpg/vq/qpg'eqttgur qpf gpeg'dgwy ggp'vj g'rgo gpw'qh'S "cpf 'FPC'6/dcuku0

Ngv'G "dg'c'i gpgtevt'b cvtkz'qxgt'vj g'tkpi "S. Hk'uw' "kv'j cu'dggp'uj qy p'vj cv'vj g'FPC'eqf "δ((G))"ku'vj g' ko ci g'qh' (G) "i gpgtevgf "d{ "vj g'o cvtkz" G "wpf gt'vj g'o cr " δ"ucv'k'ku'g'u'tgxgtukdrg"cpf "tgxgtukdrg/ eqo r ngo gpv'eqputckpv'0Ncvgt'kv'j cu'dggp'f go qputcvf "vj cv'δ(C) "ku'c'FPC'eqf "y kj "r ctco gvt" (4n, M, d<sub>H</sub>)'ht'c'kpgct'eqf "C "qxgt'vj g'tkpi "S.

**Keywords:** Nkpgct'Eqf g.'FPC'Eqf g.'Tgxgtukdrg/Eqo r ngo gpw'0

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### STEREOLİTOGRAFI (SLA) TÜRÜ 3D YAZICI İLE YAZDIRILAN TERMOSET POLİMERLERDE GEOMETRİ FARKLILIKLARININ MEKANİK ÖZELLİKLERE ETKİSİ EFFECT OF GEOMETRY DIFFERENCES ON MECHANICAL PROPERTIES IN THERMOSET POLYMERS PRINTED WITH STEREOLITHOGRAPHY (SLA) TYPE 3D PRINTER

Berk ÖZLER<sup>1</sup>

<sup>3</sup>Ctc v,toc T 3/4 gxrük" / o k' Mcvr 'Y grgdk' ©pkxgt ukvguk 'O Āj gpf kuruk' xg'Ocn go g'O Āj gpf kuk kD'āo Ā " / o k. 'VĀnk gO'

<sup>3</sup>QTEK 'KF < j wr u- lqt ekf Qti I222/2225/3: 3; /8254"

Saadet GÜLER<sup>2</sup>"

<sup>4</sup> t gvko 'T 3/4 gxrük' Ft0" / o k' Mcvr 'Y grgdk' ©pkxgt ukvguk 'O Āj gpf kuruk' xg'Ocn go g'O Āj gpf kuk kD'āo Ā " / o k. 'VĀnk gO'

<sup>4</sup>QTEK 'KF < j wr u- lqt ekf Qti I222/2223/; 878/564Z"

#### ÖZET

Uygtgqrkqi tchK" \*UNC+ "vgnpqrluk" hqvqr rko gt "tg+kprgtk" nvo cprct "j cnpf g' ugtvg vktro guk ng" { Āmgnl j cuucuk' gvK5F "dcumrct, p" grf g' gf ko gukpg' qrcpcnl' cp, { cp' dk' ncvn "Āgvko " { 3/4 pgo kf k0' UNC "vgnpqrluk" 3/4 gnrkmg' ncto c , ml' ggo gvk' g' ucj kr " { cr, rct, p' Āgvko kpf g' u, mēc' vgtelj "gf kro gmg' qnr . "vgo cn" o gncpkn' xg" h' kmgn' 3/4 gnrkmgk' i grk vktro k " vgo qugv' r rko gt " o cn go grgtk' Āgvko k' kēp' kf gcrf k0' Dw' Āgvko " { 3/4 pgo kpf g' i ggo gvknl' { c| f, to c " r ctco gvtgrtkp " 3/4 pg kp. " nvo cp' ncn, pn , . " { cr, " f qn' wuv " kē " xg' f , " { cr, ucn' vcut, o " 3/4 gnrkmgk' o gncpkn' 3/4 gnrkmgg' gvk' 3/4 pgo rk' dk " tqn' q { pco cmcf , t0' I Āpāo Ā f g' kug' c , tnm' c| cno , " xg' o cn go g' vcuttwhw' co ce, { m' w' i wrpcp' kē " dq cno c " vgnpkmgk' 3/4 gnrkmg' ± gxtgeknl' c ±, upf cp' r qr Āgt' j crg' i gm k vkt0'

Dw' ±cn o cf c. "UNC" kg' Āgvkrp' gr qnk' dcl n' vgo qugv' r rko gtrgtf gnk' i ggo gvknl' hctmān, mct, p' o gncpkn' 3/4 gnrkmg' p' dco c' b wncxgo gvK' Ā gtpf gnk' gvkuk' kpegrpo k vkt052z52' b o " gdcv, pf cnk' uk' kpf k' gmkpf gnk' pwo vpggrtkp' kēgtkukp. " c { p, " gmupf g' qrcpcnl' gnrkf g' 4" o o " ±cr, pf c " uk' kpf k' xg' 4" o o " w' w' n' 3/4 gi gpg' ucj kr " qrcpcnl' gnrkf g' cni gp' r tk' o c " gnrkf g' f gnrkmg' c ±, m , " xg' dw' o cn go grgtg' dco c " vgnk' w' i wcpo , v, t0' O qf gn' 3/4 Āgtkpf g' ±gr gtf g' xg' o qf gn' kēgtkukp' g' mwrp, rcp' o cn go gpkp' o kpo wo " gv' ncn, pn , 3' b o ' qrcpcnl' gnrkf g' c' c' rcpo , v, t0' Dw' wrct. ' i ggo gvk' f g' k' kmkmgk' k' p' dco c' b wncxgo gvK' p' g' dgriki kp' hctmān, mct " { ctew , p, " qtc { c " nq { o cmcf , t0' " | gnrkmg' f c j c " ncto c , ml' i ggo gvk' grgtg' ucj kr " pwo vpggrtkp' f c j c' f Ā Ān' o gncpkn' f c { cp, o " ugti kpf k' k' 3/4 ngo rpo k vkt0' Dw' vgo gn' p' g' g' p' hctmān, mct c , ml' i ggo gvknl' { cr, rct, p' Āgvko " u, tēu, pf c " f c j c " hc' rē " utgu' dtkmkt o guk' xg' nvo cprct " ctcu, pf c " | c { , h' dc rcpo c " kg' uqpwē rcpo cu, f , t0' Uqpwē " qrcpcnl' UNC " vkr k' 5F " { c| , e, rctm " Āgvkrp' vgo qugv' r rko gtrgtf g' i ggo gvknl' hctmān, mct. " o gncpkn' 3/4 gnrkmg' Ā gtpf g' 3/4 pgo rk' dk " tqn' q { pcf , , " cprc , m , v, t0' Dw' ±cn o c. " UNC " dcumrct, pf c " kugpp' o gncpkn' 3/4 gnrkmgk' uc rcpdkro guk' kēp' vcut, o " c co cu, pf c " i ggo gvk' g' f kmv' gf kro guk' i gtmk' k' 3/4 vgo gmgf k0'

Anahtar Kelimeler: "Uygtgqrkqi tchK" gmgo grk' lo crv' r rko gt. , , c' f w' ctn' tg+kpg. " { c| f, to c " r ctco gvtgrtk0'

#### ABSTRACT

Uygtgqrkqi tcrj { " \*UNC+ "vgnpqrluk" { "ku' cp' cf f k' xg' o cpw' hctmān, mct, p' o gvj qf " v' c' cmqy u' j k' i / r tgekukp' 5F " r tkp' k' i " d { " ewtk' p' r j qvr qn' o gt " t' g' k' u' p' k' p' rē { gtu0' UNC " v' g' e j p' qn' q' i { " ku' h' t' g' s' w' g' p' v' n' " r t' g' h' g' t' t' g' f " k' p' v' j " g' r t' q' f' v' e' k' p' " qh' ut' v' e' w' t' g' u' y' k' j " eqo r ngz " i ggo gv { " cpf " ku' k' f' g' cn' h' q' t' v' j " g' r t' q' f' v' e' k' p' " qh' v' j' g' to qugv' r qn' o gt "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

o cvgtkcn'y kj "ko r tqxgf "vj gto cn"o gej cplecn'cpf "rj {ulecn'r tqr gt vku0k"vj ku'r tqf wevkp"o gj qf ."vj g" ghhev'qh'i gqo gvle"r tlvpi "r ctco gvgtu" \*g0 0'nc {gt "vj lempgu "utwewtg" hknpi . "kpvtpcn'cpf "gzvtpcn' utwewtcn' f guki p" hgcwtgu" qp" o gej cplecn' r tqr gt vku" r nc {u" cp" ko r qvcpv' tqrg0 Vqf c{. " j qmgy kpi " vgej pls vgu'er r nkgf "hqt "y gli j v'tgf wevkp"cpf "o cvgtkcn'ucxkpi "j cxg"dgeqo g'r qr wrct. "gur gekm{ "k"vgo u" qh'gpxktqpo gpvcruo 0'

Kp"vj ku'uwf { ."vj g'ghhev'qh'i gqo gvle" f hngtpegu'kp"gr qz {/dcugf "vj gto qugv'r qn{ o gtu'r tqf wegf "y kj "UNC" qp"vj g"o gej cplecn'r tqr gt v{ "qh'eqo r tguukxg"utgpi vj "y cu'kpxguki cvgf 0J gzcic qpcn'r tkuo "j qrgu'y kj "c"4" o o " npi " f kci qpcn' cpf " e { nkp f tlecn' j qrgu" y kj "c"4" o o " f lco gvgt" y gtg" f tkngf " kvq" vj g" 52z52" o o " e { nkp f tlecn' uco r ngu" qp" vj g" uco g" czku" cpf " eqo r tguukqp" vguu" y gtg" cr r nkgf " vq" vj gug" o cvgtkcn' Vj g" o kpo wo "y cm'vj lempgu'qh'vj g" o cvgtkcn'wugf "qp"vj g'y cm'cpf "kpkf g'vj g" o qf gn'y cu'cf lwugf "vq"dg"3" o o " kpv"vj g" o qf gn'f ko gpukpu0Vj g" hkp f kpi u'tgxgcn'vj cv'i gqo gv { "ej cpi gu'etgcvg"uki p hncpv'f hngtpegu'kp" eqo r tguukxg"utgpi vj 0'K' y cu'qdugtxgf "vj cv'uco r ngu" y kj "o qtg" eqo r ngz" i gqo gvku" gzz kdkgf "ny gt" o gej cplecn'utgpi vj 0'Vj g" o ckp" tgcup" hqt "vj ku'ku'vj cv'eqo r ngz" i gqo gvle" utwewtg" ceewo wrvg" o qtg" kpvtpcn' utgu" f vt kpi " r tqf wevkp" cpf " t guwn" kpi" y gcn' dqp f kpi " dgvy ggp" nc { gtu' Cu" c" t guwn" k' y cu" wpf gtuwqf "vj cv'i gqo gvle" hcevqtu'r nc { "cp" ko r qvcpv'tqng'kp" o gej cplecn'r tqr gt vku'kp" vj gto qugv'r qn{ o gtu" r tqf wegf "y kj "UNC" v{ r g'5F " r tlvgtu0Vj ku'uwf { "uj qy u'vj cv'cvwgpvkp" u'j qwf "dg" r ckf "vq" i gqo gv { " f vt kpi " vj g' f guki p" r j cug'kp" qtf gt "vq" r tqxkf g'vj g' f guktgf "o gej cplecn'r tqr gt vku'kp" UNC" r tlvu0'

**Keywords:** "Ugtgqtkj qi tcrj { ."cf f kxg" o cpw'cewtkpi . "r qn{ o gt. "hqvugpukxg" tgu'kp. "r tlvkpi " r ctco gvgtu0'

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**ORTA ASYA'DA SINIRI AŞAN SU KAYNAKLARI YÖNETİMİ VE GÜVENLİĞİ:  
KIRGIZİSTAN ÖRNEĞİ  
TRANSBOUNDARY WATER RESOURCES MANAGEMENT AND SECURITY IN  
CENTRAL ASIA: THE CASE OF KYRGYZSTAN"**

*Upagiil Rahmanova*

*Elif Hatun Kılıçbeyli*

*j wru-klqtekf Qiti D222/2223/: 485/422; "*

*Cf cpc "Crr cturcp "VĀng "Dkko "xg"Vgnpqrqlk"©pkxgt ukoguk"*

**ÖZET**

Qtc"Cu{c."u,p,t"e cp"uw"nc {pcmet,p,p"d<sup>3</sup>/<sub>4</sub>i gugri Āxgprk'xg"K "dkrk k'Ā gtpf g'<sup>3</sup>/<sub>4</sub>go rk'dkt "gnk{g'ucj kr "qf w w'dkt"eq tch{c"qrctm'p'g"±,no cmcf ,t0D<sup>3</sup>/<sub>4</sub>i gplp "kn'cpc"pgj tk'qrcp"Eg{j wp"xg"Ug{j wp"pgj krgtk" uw'wp" r c{re ,o ," nypwupf c" ekf f'k" cprc o c | nmct" {ctc'ctm' M'ti ,| kucp." Vcelnkucp." " | dgnkucp." Mcl cnkucp"xg"VĀno gpkucp"i kdK'Āmrgtkp"uw'i Āxgprk k'r qrk'ncrct,p," gnrkrgp ko k kt0M'ti ,| kucp"xg" Vcelnkucp"uw'wp"dc ,pf c" {gt"crp"xg"uw'w'gpgt k'Ā'gko k'k'p"nwrcpcp"Āmrgt"qrctm'nupwo ncp,tngp." " | dgnkucp." Mcl cnkucp"xg"VĀno gpkucp"vet,o uen'uwrc o c"klp"dw'nc {pcmet"dc ,o n"o cpcr "Āmrgt" qrctm'p'g"±,no cmcf ,t0Dw'htcm'nwrcp,o "i gtmkpkp rgt'xg"gnypqo kni'p'egrkrgt."Āmrgt"ctcu,pf c"uw' r c{re ,o ,pf c'u,nlu,n'±cv, o crctc'xg'i Āxgprk r'krgt'g' {qr'c±o cmcf ,t0D<sup>3</sup>/<sub>4</sub>i gf gnk'Āmrgtkp"uw'nc {pcmet,p," w'wucn'±,netrctre "w' wo nw'qrctm' {p'gvo g"±cderct,."uw'wp"uk' cucnc o cu,pc"pgf gp"qm w "xg"u,p,t"e cp" uwrc "Ā gtpf gp" {Ā'Ā'Ā'rgp"kk nkrkt' | qtrc v,to , v,t0Dwpc"gni'qrctm"Āmrgt"ctcu,pf c"ko | crp"kn'k' cprc o crctc"±q w' | co cp"w'wo co cu,"xg"uw' {p'gvo k'nypwupf c"qtveni'kt" {cnc ,o ,p"dw'wo co cu," uqtwpw"±<sup>3</sup>/<sub>4</sub> Āo Āp'Ā'f'c'j c" f'c"nc to c ,n'j'crg"i gkto gmgf k0Dw'±cn, o c."Qtc"Cu{c'cf'enk' u,p,t"e cp"uw' nc {pcmet,p,p."<sup>3</sup>/<sub>4</sub> gnrkrg"Eg{j wp"xg"Ug{j wp"pgj krgtkp."gnk'xg'dct, ±,n' {p'gvo k'p'grg'crctm'd<sup>3</sup>/<sub>4</sub>i g' k'p"u'Āf'Ā'Ā'gdkt' "dk"uw'i Āxgprk k' {er,u,p,p"qmw wo wpc"nc'm'uc rco c {, "co c±co cmcf ,t0D<sup>3</sup>/<sub>4</sub>i gugri'k" dkrrk k'p'ut'cglkn'p'go k'p'xwi wrctngp."c {p, | co cpf c'w'wurtctcu,"uw'j w'w'w'wp'uw'pf w w'qrpcmet'f'c" grg'cnpo cmc=uw'nc {pcmet,p,p'f'c'j c'cf' k'xg"u'Āf'Ā'Ā'gdkt' "nwrcp,o , k'p"Āmrgt"ctcu,pf c"uw'i wrp'edkt' r qrk'ncrct"i grk'ktko gmgf k0Dw'±c rco f'c."Qtc"Cu{c'Āmrgtkp'nc {pcni' {p'gvo k'p'g'qtveni'±,net'xg'k" dkrrk k'p'f'c {cn,"w' wp'xc'f'grk'±<sup>3</sup>/<sub>4</sub> Āo "p'g'k'g'tk'g' g' gtrgp'k'ko gmgf k0

**Anahtar Kelimeler:** "Qtc"Cu{c."Uw'I Āxgprk k'U,p,t"e cp"Uw'nc {pcmet,."Ug{j wp.'Eg{j wp0"

**ABSTRACT**

Egprctn'Cu'ku'c'tgi kqp'y j g'tg'v'c'pudqwpf ct { 'y cvgt'tguqtegu'uki p'k'ecp'nc' "ko r'cev'tgi kqpcn'ugev'k' { "cpf" eqqr g'v'k'p'0Vj g'y q' o clp'tkxgtu'qh'v'g'tgi kqp."v'j g'Eg{j wp'cpf "Ug{j wp'tkxgtu" j cxg'i g'p'g'cv'f' "ugt'k'w' f'kuci t'ggo g'p'u'tgi c'tf'k'p'i "y cvgt"uj c'tk'p'i "cpf"uj er gf "v'j g'y cvgt"ugev'k' { "r'qr'ek'gu'qh'eqw'p'k'gu"uwej "cu" M' {ti | | ucp."Vclnkucp."W' dgnkucp."Mcl cnj ucp."cpf "Vwtmo gpkucp0Y j krg" M' {ti | | ucp"cpf "Vclnkucp" ctg'r quksk'p'gf "cu'w' ut'gco "eqw'p'k'gu'v' c'v'w'k'k' g'y cvgt"ht' "g'p'gti { "r'q'f'w'v'k'p."W' dgnkucp."Mcl cnj ucp." cpf "Vwtmo gpkucp"ctg'f'qy put'gco "eqw'p'k'gu't'g'k'p'v'q'p'v'j gug'tguqtegu'ht' "ci t'kw'w'ct'n'k't'ki c'v'k'p'0Vj gug" f'k'ht'k'p'i "wuci g'tgs'w'k'tgo g'p'u'cpf "ge'p'qo le" r'tk'q't'k'k'gu"ht'gs'w'p'v'nc' "rgcf "v'q"eq'p'k'ew' "cpf "k'p'ugev'k'k'gu"kp" y cvgt"uj c'tk'p'i "dgy ggp"v'j g'eqw'p'k'gu'G'ht'w'd { "tgi kqpcn'eqw'p'k'gu"v'q"o c'pci g'y cvgt"tguqtegu"kp"rk'p'g" y k'j "v'j g't" p'ev'k'p'cn' k'p'v'gt'u'u' j cxg' t'gu'w'ng'f' "kp" v'j g' r'q'k'ek'k' c'v'k'p' "qh" y cvgt." eqo r'k'ec'v'k'p'i "t'g'w'v'k'p'u" uw't'q'wp'f'k'p'i "v'c'pudqwpf ct { "y cvgt0H'w'v'j g'to q'tg."v'j g'ht'gs'w'p'v'f' k'ut'gi c'tf' "ht' "dk'v'et'c'n'ci t'ggo g'p'u'cpf "v'j g' r'c'eni'q'h'c'w'p'k'k'f' "er r'tq'cej "v'q'y cvgt"o c'pci go g'p'v'g'z'c'g'ed'c'v'j g'eqo r'ng'z'k'f' "qh'v'j g'uk'w'v'k'p'0Vj k'u'uw'f' { " clo u'v'q" eqw'p'k'dw'g'v'q" v'j g'ht'o c'v'k'p' "qh" c' u'w'w'c'p'd'ng' y cvgt"ugev'k'f' "ht'co gy q'tm'ht' "v'j g'tgi kqp" d { " cf'f't'gu'k'p'i "v'j g'gh'g'v'x'g'cpf "r'g'c'eg'h'w'no c'pci go g'p'v'q'h'v'c'pudqwpf ct { "y cvgt"tguqtegu."r'ct'v'w'ct'n' { "v'j g'

ABSTRACT BOOK

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Eg{j wp'cpf 'Ug{j wp'tkxgtu0K'go r j cuk gu'vj g'wtcvgi ke'lo r qtwcpeg'qh'tgi kqpcrleqqr gtcvkqp'cpf 'Fkæwuuu"  
vj g" qrr qtwpkku" r tguqpvf " d{ " kpvgtpcvkqpcn' y cvgt" rny . " f gxgnr kpi " cr r rkecdng" r qnleku" hqt" c" o qtg"  
gs vkcdng'cpf "uwckkpcdng'wug'qh'y cvgt'tguqwtegu0K'vj ku"eqpvzv."npi /vgt "uqnwkqp'r tqr qucn'dcugf "qp"  
eqo o qp'kpvgtguu'cpf "eqqr gtcvkg'tguqwtg'o cpci go gpv'co qpi 'Egptcn'Cukp"eqwvtkgu'ctg'gxcnvcvfg 0

**Keywords:** 'Egptcn'Cuk. "Y cvgt'Ugewtkv{."Vtcpudqwpf ct{ "Y cvgt'Tguqwtegu."Ug{j wp.'Eg{j wp0

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#### FİNLANDİYA'NIN GÜVENLİK POLİTİKASI VE NATO POLITICAL SECURITY OF FINLAND AND NATO

Özlem Börklü

Elif Hatun Kılıçbeyli

j wru<lktef Qti D222/2223/: 485/422; "

Cf cpc'Cr cturcp'VÄtng 'Dkko 'xg'Vgnpqrlk'Opkxgt ukuguk'

#### ÖZET

Eq tchku,p,met, kg'Twu{c.'ctf, pf cp'Uqx{ gvgt'Dktrk k'xg'gmtct'ctf, pf cp'Twu{c'Hgf gtcu{ qpwlkg'u,p,tf c " dlt'Äng'qrcp'Hkrcpf k{ cöp,p'i Äxgprknci ,u,'xg'ci ,rcf , , '{Ängmnc {i , 'pgf gpk'ng'j go "Äng'k'kpf g'j go " f g' Cxtw c' k'kpf g' tef knen' netctctnc' Hkrcpf k{ c. " P CVQ' "Mw' g{ " Cwrcpkn' Cprc o cu, " ti ÄvÄ+ Ä'guk' qm w wt03; ; 2df cp'kkdctgp'r qrkkn'qrcnclmwwr uw' nc cp'dk'Cxtw c'qtwnleq tch{cu,'qtvc{c'±,no , ngp" 4222öngtkp'kn'±g{tg kpf g'f{kpg'-nwwr nc o cö'f'3pÄpf g'f g k lo ngt'f c cpo , vt0l gpk'i Äxgprkncprc{ , , 'kg" P CVQöwpw" i Äxgprkni' utcvglkgtkpf g' 3pgo ik' gvnkgt' {cro , vt0' Cxtw cöf c" i Äxgprkni' qtweo , pf c." P CVQöwpw" nqrgmkh' i Äxgprkni' utcvglkgtkpf g' i gpk rgo g" xg" nqpf k' d3ai gugni' i Äxgprkni' ±go dgtkpf g' i Ängpo g{g'f'3pgo k wt0-236'f , npf c'M,t,o öp'Twu{c'Hgf gtcu{ qpwp'f c j kn'qm c'uÄgek'xg'Whtc'f{pcöp,p" i Äpg{ " xlc{ gvgtkpf g' Twu' cungrtkkpk' dwnpf wtwo cu," ctf , pf cp" wdcv' 4244" vclj kpf gp" kkdctgp" Twu{cöp,p'Whtc'f{pcöf c'uxxc "c±o cu,"uqptcu,pf c'wmucl'i Äxgprkngtkpk'vgf k'qrcncl'i 3/4gp" unepf kpcx" Ängrgtkpf gp" uxg±'xg'Hkrcpf k{ c'P CVQöwpw'c±,m'ner , "r qrkkn'c'pc'ki k'f w' o w'xg'Ä'g'qrcncl'wmucl' i Äxgprkngtkpk'ngpf k'd3ai gugni' kpcö k' o k'k'kpf g'uc nco , "i 3/4Äo gmgf k'0P CVQöwpw'nqrgmkh'ucxwpo c' utcvglkuk'k' leg'g'vnc'rcp,p,i gpk rgo k'xg" uxg±'xg'Hkrcpf k{ c'P CVQöf c'Ä'g'qrcncl'muo gp'f g'qnc'Twu{c' vctch,pc" dlt'vÄ"i Äxgprkni' gpi grk' qnw wto w wt0' Hkrcpf k{ cöp,p' ÄpnÄ" -J gukpn' dcl , ,ö'kg"vcp,o nrcp" vctch,| nni'utcvglkuk'gp'xc| i g±gtgnl'wmucl'nko ik kpk' {gpkgo gni'f wtwo wpf c"nrcncl'ngpf k'qpvrqllkn' i Äxgprkngtkpk'i ctcprk'cn,pc'cno c{ , 'co c±nc , vt0'Dw±cn o c."P CVQöwpw'f g k gp'nq wnet'net ,u,pf c' {gpk'utcvglkgtk'3pgo kpk'qtvc{c'hu{ctngp." uxg±'xg'Hkrcpf k{ cöp,p'P CVQ'Ä'guk'qm cu,pf cp'±qm'ucf geg' Hkrcpf k{ cöp,p'ik'kn'ni' Äxgprk kpk'f{cp,pf c'qpvrqllkn'i Äxgprkngtkpk'uc nrcp cu,pf c'P CVQöwpw'r c{ , " f kn'cvg'kpegrpgegmkt0'Dw±cn o c."Hkrcpf k{ cöp,p'f , "r qrkkn'f extcp, nct,pf c'wmucl'i Äxgprkni'xg{c' ±,net'hexco ,p,p'i ÄpÄo Ä f g'g'vnc'k'k'cpcnk' 'gvo gmgf k'0Dw±cn o cf c'43Q Ä { ,n'VÄtnk'g'f{Ä { ,n'xg'VÄtn' f Äp{cu,"f{Ä { ,n'qrcncl'n3mÄ'f g k lo k'f{kpg'r qrkkn'k'cf gpk'netctn , "kg"ki k'k'vgtkgt'±gt±gxgukpf g' c±,mrcpccm,t0'

Anahtar Kelimeler-<Hkrcpf k{ c.'P CVQ.'I Äxgprkni'Cxtw c.'Rqrkkn'utcvglk'

#### ABSTRACT

Hkrcpf . "y j kej "uj ctgu"i gqi ter j kecl'dqtf gtu'y kj "Twu{k. "hqmy gf "d{ "vj g'Uqxlgv'Wpkqp."cpf "vj gp"vj g' Twu{k'p'Hgf gtcvq. "j cu'uqwi j v'o go dgtuj kr "kp'P CVQ'P qtj 'Cwrcp'k'Vtgcv' "Qti cpk'cvkqp'+f wg'v'ku" ugewtk'f "r gtegr vkpu"cpf "j ki j "ngxgn' qh' eqpetp0' Upeg'vj g'3; ; 2u" c"r qrkkn'cm' "pgwtcn' Gwtqr g'j cu" go gti gf . "f'gv'vj g'gctn' "4222u'j cxg'y kpgugf "c'uj kh'vqy ctf u'kpetgcugf "r qrtk' cvkqp0'Vj ku'pgy "ugewtk'f " rctcf ki o " j cu" uki p'k'cpcv' "kphwpegf " P CVQ'u" ugewtk'f " utcvgi kgu' Y kj kp' vj g' Gwtqr gcp" ugewtk'f " gp'xktpo gpv."P CVQ'j cu'cko gf "vq"gzr cpf "ku"eqmgev'xg"ugewtk'f "utcvgi { "cpf "utgpi vj gp'ku'tgi kpcni' ugewtk'f "ur j gtg0'hqmy kpi "vj g'c'ppgzcvkqp'qh'Etlo gc'd{ "vj g'Twu{k'p'Hgf gtcvq'kp'4236'cpf "vj g'r t'gugpeg" qh'Twu{k'p'vqqr u'kp'uqwj gtp'Whtc'kpg. "Uecpf kpcxk'p'eqwpt'ku'we j "cu'Uy gf gp'cpf "Hkrcpf . "xky kpi " vj gk' "pcv'kpcni' ugewtk'f "cu'vj t'gcvpgf . "j cxg'uj qy p'k'vgt'gu'kp'P CVQ'u'qr gp/f qat"r qrk'f { "cpf "uqwi j v' o go dgtuj kr "vq'g'pwt'g'vj gk' "pcv'kpcni' ugewtk'f "y kj kp'vj gk' t'gi kpcni'f { pco leu0'P CVQ'u'eqmgev'xg'f ghpgug" utcvgi { "j cu'dtqcf gpgf "ku'ur j gtg'qh'kphwpeg. "cpf "y kj "vj g'ceegu'kqp'qh'Uy gf gp'cpf "Hkrcpf . "k'j cu"

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etgcvf "c" hqto "qh" ugevtk\ "dcttkt" ci clpuv "T wuic O' Hkprpf" u' f gr ctwtg "htqo "ku" tgpqy pgf "r rkle { "qh" pgwtcrk\ . "ej ctcevgtk gf "d { "y g" } J gnuknk' r gceg. )' tghgewu "ku" pggf "vq" tgf ghpg "ku" pcvkqpcn' kf gpvk\ "cpf" ugevtg "ku" qpvmqi lecn' ugevtk\ O' Vj ku' uwf { "cko u' vq" j ki j rki j v' y g' uki pkklecepeg' qh' pgy 'utcvgi kgu' k' P CVQ" k' t' gur qpug "vq" ej cpi kpi "eqpf kkpqu" y j krg "emugn\ "gzco kpkpi "y g" t' qrg "qh" P CVQ "k' p' g' puwtkpi "pqv' qpn\ " Hkprpf u' r j { ulecn' ugevtk\ "dw' cnuq" ku' qpvmqi lecn' ugevtk\ "hqmqy kpi "ku' o go dgtuj k' O' Hwt vj gto qtg. "y ku" tgugctej "cpn\ | gu' y g' ko r cev' qh' pcvkqpcn' ugevtk\ "cpf "k' vgtgu' / eqpegr u' k' Hkprpf u' eqpvgo r qtct { "hqtgki p" r rkle { "dgj cxlqt O' K' y kn' cnuq" gwelf cvg' y g' r' tqhqwpf "ej cpi gu' qh' y g' 43 u' egpwt { . Itco kpi 'k' cu' y g' egpwt { " qh' Vwtng\ "cpf "y g' Vwtne' y qtrf . 'y kj k' y g' eqpvzv' qh' r' qrk' lecn' y kn' cpf "f gekukxgpguu' y g' qtkgu" }

**Keywords:** "Hkprpf . "P CVQ. "Ugevtk\ . "Gwtqr g. "Rqkkn' i' cv, o c0'

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#### HEMŞİRELERİN KAPSAYICI LİDERLİK DÜZEYLERİNİN SOSYO-DEMOGRAFİK DEĞİŞKENLER AÇISINDAN İNCELENMESİ

#### EXAMINATION OF INCLUSIVE LEADERSHIP LEVELS IN TERMS OF SOCIO-DEMOGRAPHIC VARIABLES OF NURSES

*Emine YILMAZ ATİK<sup>1</sup>*

<sup>3</sup>Öğr.Gör.Dr, *Osmaniye Korkut Ata Üniversitesi, Osmaniye MYO, Ulaştırma Hizmetleri Bölümü, Osmaniye, TÜRKİYE*

<sup>4</sup>QTEK "K" <j wr u-Alt ekf Qti D222/2224/2557/; : 7: "

*Hilal KUŞCU KARATEPE<sup>2</sup>*

<sup>4</sup>Doç.Dr., *Osmaniye Korkut Ata Üniversitesi, Sağlık Bilimleri Fakültesi, Sağlık Yönetimi Bölümü, Osmaniye, TÜRKİYE.*

<sup>3</sup>QTEK "K" <j wr u-Alt ekf Qti D222/2223/; 459/4936"

#### ÖZET

Bu çalışmanın amacı hemşirelerin kapsayıcı liderlik düzeylerini belirlemek, kapsayıcı liderlik düzeylerinin" uqu{q/demografik özelliklerine göre farklılaşp farklılaşmadığını ortaya koymaktır. Çalışmanın evrenini İstanbul'da faaliyet gösteren bir özel hastanede görevli hemşireler oluşturmaktadır. Araştırmada örneklem 70 kişiden oluşmaktadır. Analiz sonuçlarına göre hemşirelerin kapsayıcı liderlik alt boyutları olan açıklık, hazır olma" xg" ulaşılabilirlik" rknı boyutlarına ilişkin görüşlerinin cinsiyet, medeni durum, yaş, eğitim düzeyi, toplam mesleki yıl, haftalık çalışma saatine göre istatistiksel olarak anlamlı bir farklılık göstermediği tespit edilmiştir. "

Araştırmaya katılan hemşirelerin kapsayıcı liderlik alt boyutlarına ilişkin değerlendirmelerine bakıldığında sırasıyla en yüksek ortalamayı "ulaşılabilirlik" (4,18±0,83), sonra "hazır olma" (4,13±0,83) en düşük ortalamayı kug" "açıklık" (4,00±0,91) alt boyutuna verdikleri görülmektedir. Kapsayıcı liderlik ölçeğinin alt boyutları arasındaki Pearson korelasyon analizi sonuçlarına göre ölçek alt boyutları arasında anlamlı bir ilişkinin olduğu belirlenmiştir."

**Anahtar Kelimeler:** "Kapsayıcı liderlik, hemşire."

#### ABSTRACT

Vj g'cko "qh'vj ku'uwf { "ku'v'f gvgto kpg'vj g'kpenwukxg'rgcf gtuj kr "rgxgn'qh'pwtugu'cpf "q'tgxgcnly j gjj gt'vj gkt" kpenwukxg'rgcf gtuj kr "f khtg" ceeqtf kpi "vq"vj gkt "uqekq/f go qi ter j le"ej ctcevgtkueu'Vj g'wpkxgtug"qh'vj g' uwf { "eqpukuu'qh'pwtugu'y qtnkpi "kp" c' r tkxcvg"j qur kcn'qr gtcvki "kp"Kncpdw0'Vj g"uco r ng"kp"vj g"uwf { "eqpukuu'qh'92"r gqr ng0Ceeqtf kpi "vq"vj g"cpncf uku'tguwuu."k'y cu'f gvgto kpgf "vj cv'vj g'xky u'qh'pwtugu"qp" yj g"uwd/f ko gpukqpu"qh" kpenwukxg'rgcf gtuj kr ".y j lej "ctg"qr gppguu."tgcf kpguu'cpf "ceeguuldrkv{."f kf "pqv" uj qy "c'ucvukecm{ "uki pkhtecpv'f khtg gpeg" ceeqtf kpi "vq"i gpf gt."o ctkcn'ucwuu."ci g."gf vecvqp'rgxgn"qvcrn' r tqhguukqpcn' { gctu'cpf "y ggm{ "y qtnkpi "j qwtu0"

Y j gp"vj g"pwtugu"r ctvlekr cvkpi "kp"vj g"uwf { "y gtg"gzco kpgf "tgi ctf kpi "vj g" kpenwukxg'rgcf gtuj kr "uwd/f ko gpukqpu."k" y cu' uggp" yj cv' yj g{ "i cxg" yj g" highest average to "accessibility" (4.18±0.83), then "readiness" (4.13±0.83) and the lowest average to "openness" (4.00±0.91). According to the Pearson eqttgrvqp" cpncf uku" tguwuu" dgw ggp" yj g" uwd/f ko gpukqpu" qh' yj g" kpenwukxg'rgcf gtuj kr "uecrg."k" y cu' f gvgto kpgf "vj cv'vj gtg'y cu'c'uki pkhtecpv'tgrvqpj kr "dgw ggp" yj g'uecrg'uwd/f ko gpukqpu0"

**Keywords:** kpenwukxg'rgcf gtuj kr .pwtug0"



HEMŞİRELERİN SESSİZ İSTİFA DÜZEYLERİNİN BELİRLENMESİ  
DETERMINATION OF NURSES' LEVEL OF QUIET QUITTING

*Hilal KUŞCU KARATEPE<sup>1</sup>*

<sup>3</sup>Doç.Dr.."Osmaniye Korkut Ata Üniversitesi, Sağlık Bilimleri Fakültesi, Sağlık Yönetimi Bölümü,  
Osmaniye, TÜRKİYE<sup>0</sup>

<sup>3</sup>QTEKF "KF <j wru<llqtekf Qti İ2222/2223/; 459/4936"

*Emine YILMAZ ATİK<sup>2</sup>*

<sup>4</sup>Öğr.'Gör.Dr.'"Osmaniye Korkut Ata Üniversitesi, Osmaniye MYO, Ulaştırma Hizmetleri Bölümü,  
Osmaniye, TÜRKİYE"

<sup>4</sup>QTEKF "KF <j wru<llqtekf Qti İ2222/2224/2557/; : 7: "

**ÖZET**

Bu çalışmanın amacı hemşirelerin sessiz istifa düzeylerini belirlemek, sessiz istifa alt boyutları ile ilgili görüşlerinin sosyo/demografik özelliklerine göre farklılaşp farklılaşmadığını ortaya koymaktır. Çalışmanın evrenini İstanbul'da faaliyet gösteren bir özel hastanede görevli hemşireler oluşturmaktadır. Araştırmada örneklem 65 kişiden oluşmaktadır. Analiz sonuçlarına göre hemşirelerin sessiz istifanın alt boyutları olan güvensizlik, aidiyet, değersizlik, iletişimsizlik, tutarsızlık boyutlarına ilişkin görüşlerinin cinsiyet, medeni durum, yaş, eğitim düzeyi, toplam mesleki yıl, haftalık çalışma saatine göre istatistiksel olarak anlamlı bir farklılık göstermediği tespit edilmiştir. Araştırmaya katılan hemşirelerin sessiz istifanın alt boyutlarına ilişkin değerlendirmelerine bakıldığında en yüksek ortalamayı "aidiyet" (3,41±0,89), en düşük ortalamayı ise "iletişimsizlik" (1,71±0,62) alt boyutuna verdikleri görülmektedir. Sessiz istifanın diğer alt boyutlarına verilen ortalamalar sırasıyla "tutarsızlık" (2,95±0,94), "değersizlik" (2,41±0,70), "güvensizlik" (2,21±0,66) şeklinde bulunmuştur. Uguuk "kuktc" ölçeğinin alt boyutları arasındaki Pearson korelasyon analizi sonuçlarına göre ölçek alt boyutları arasında anlamlı bir ilişkinin olduğu belirlenmiştir."

**Anahtar Kelimeler:**"Uguuk "kuktc."hemşire"

**ABSTRACT**

Vj g'r wtr qug'qh'vj ku'uwf { "ku'v'f gvgto kpg'vj g's wkv's wkwpi 'rgxgn'qh'pwtugu'cpf "v'tgxgcn'y j gyj gt'vj gk' xkgy u" qp" vj g' s wkv' s wkwpi " uwd/f ko gpukqpu" f khtg" ceeqtf kpi " vq" vj gk" uqekq/f go qi tcr j le" ej ctcevgtkueuVj g'r qr wcvkp'qh'vj g'uwf { "eqpuku'qh'pwtugu'y qtnkpi "kp'c'r tkxcvg'j qur kcn'qr gtcvki "kp" KvcpdwVj g"uco r ng"kp" vj g'uwf { "eqpuku'qh'87"r gqr ng'0' Ceeqtf kpi "vq" vj g'cpcn'uku"tguwnu."k'y cu" f gvgto kpgf "vj cv'vj g'xkgy u'qh'vj g'pwtugu'tgi ctf kpi "vj g'uwf/f ko gpukqpu'qh's wkv's wkwpi ."y j lej "ctg" kpugetwkv{."dgnpi kpi ."y qtvj nguupguu."rcni'qh'eqo o wplecvkp."cpf "kpeqpukvpe{."fkf"pqv'uj qy "c" ucwkwkcmf "uki plkicpv'f khtgpep" ceeqtf kpi "vq" i gpf gt."o ctkcn'ucwuu."ci g."gf wecvkp" rgxgn" vqcn' r tqhguukpcni'gctu."cpf "y ggmf "y qtnkpi "j qwtu0Y j gp"vj g'gxcncvkvpu'qh'vj g'pwtugu'r ctvekrcvki "kp'vj g' uwf { "tgi ctf kpi "vj g'uwf/f ko gpukqpu'qh's wkv's wkwpi "ctg'gzco kpgf."k'ku'uggp'vj cv'vj g' "i cxg'vj g'j ki j guv' cxgtci g'v'vj g'uwf/dimension of "belonging" (3.41±0.89) and the lowest average to the sub/f ko gpukqpu" of "lack of communication" (1.71±0.62). The averages given to the other sub/f ko gpukqpu'qh's wkv' s wkwpi "were found to be "inconsistency" (2.95±0.94), "worthlessness" (2.41±0.70), and "lack of trust" (2.21±0.66), respectively."Ceeqtf kpi "vq"vj g'tguwnu'qh'vj g'Rgctup'eqttgrcvkp'cpcn'uku'dgy ggp'vj g'uwf/ f ko gpukqpu'qh'vj g'ukrgp'tguki pcvkv'uecrg."k'y cu'f gvgto kpgf "vj cv'vj g'g'y cu" "uki plkicpv'tgrcvkpuj k'r" dgy ggp'vj g'uwf/f ko gpukqpu'qh'vj g'uecrg0

**Keywords:** S wkv's wkwpi ."pwtug0

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RASTSAL ALT UZAYLAR SINIFLANDIRICISINDA SEÇİLEN RASTSAL ALT KÜME ORANININ SINIFLANDIRMA PERFORMANSI ÜZERİNDEKİ ETKİSİ THE EFFECT OF RANDOM SUBSET RATIO ON CLASSIFICATION PERFORMANCE IN RANDOM SUBSPACES CLASSIFIER

Dr. Öğr. Üyesi Mustafa Özgür CİNGİZ

Dmt uc "Vgnphnl@plxgt ukuguk "O Aj gpf kurknlg "F q c "Dko rgt k Hcnnguk "Dki kuc {ct "O Aj gpf kurk k D/4Ao A." Dmt uc. "VAnk g. "QTEK "K <2222/2225/668; /3662"

ÖZET

Xgtkgtkp"u,p,hrcpf,to cu,"{er c{" gm"cnr,p,c" gt"cnr"pgo rkdkt"cn, o c"nupwuf wtOU,p,hrcpf,to c"ekp" MP P."{er c{" ukpk"e nrt, "netet"e cnet, "fgvnlxgm"o cnkprgt. "qrnu,nmvedcpn" {cme ,o nrt"i kdkhctm" {cme ,o nrt" i grk vktk k vkt0 Cni qtko cnrt,p" rctco gvtg" qrtcnl" crf , , " fg gtrgtk" i Apegng {gtgnl xgtk mAo gukpg"gp" w{i wp" rctco gvtg" ug+kkt "xg" o qf gmg g" k ngo k" i gt+mg vkt0 Tcuucn" Cn" W c {nrt "TCW" netet"e cnet, "A gtpf g"cn, cp" xg" nqrngmki" dkt" gnkf g" mwrp, , "c cnet,p" netetret,p, "dktg vktg" dkt" u,p,hrcpf,t,e,f,t0TCWof cnknetet"e cnet,p,p" netet" +g kurk kpktw,to cnkpk"e cnet"tcuucn" dkt" gnkf g" tcuucn"cn" w c {"qtc, "rctco gvtguk" i 3/4 g" hctm" 3/4 gnkn"cn" mAo grgtk" dgrktgpk" xg" TCW" dw" 3/4 gnkngrg" qnw wtwrp" ce,p" uqpwepw" dktg vkt gmgf k0TCW" kg" ki kkt {cr ,ncp" gp" w{i wp" tcuucn"cn" w c {"qtc, " dwm c {"j gf ghg {gp" uc { ,u,p,p" c| "qm cu, "pgf gpk r"cn, o co , f c"TCW" u,p,hrcpf,t,e,u,pc" ck"tcuucn"cn" w c {"qtc, " rctco gvtguk" 20. " 20. " 20. " 20 " xg" 20 " qrtcnl" dgrktgpgtgnl TCW" u,p,hrcpf,t,e,u,p, " r gthto cpurt, "32" hctm" xgtkhAo gukpf g" f g gtrgtk k k vkt0 Hctm"cn" w c {"qtcprct,p, "mwrp" cp" TCW" p" u,p,hrcpf,to c" r gthto cpu, "f q twwnlxg" H" 3/4 +Av" f g gtrgtk" i 3/4 g" f g gtrgtk k k f k f g"tcuucn"cn" w c {"qtc, pf cnkf g k k kpk" xgtkhAo gukpg" i 3/4 g" hctm, nmi 3/4 vgtug" f c j ki gpgrncp" o f c" u,p,hrcpf,to c" dc ct,u,p, " ctw,tf , , "i 3/4 ngo ngpo k vkt0 | gnkngr" eqpcev" ngpugu" xg" y gcj gt" xgtk" mAo grgtk" pf g"tcuucn"cn" w c {"qtc, " ctw,mrc" r gthto cpu" f g gtrgtk" k f c j c" k k" g" f k k k k i 3/4 ngo ngpo k vkt0 Dwpwr" dktkng" r gthto cpu, p" xgtkhAo gukpg" i 3/4 g" f g k ngprmi 3/4 vgtf k kpk" i cu" xg" kppur j gtg" xgtk" mAo grgtk" pf g"tcuucn"cn" w c {"qtc, " ctv , {rc" mu,vn" f c" qnc" f q twwnlxg" H" 3/4 +Av" f g gtrgtk" k f A o guk r" g"cp" ,m , vt0"

Anahtar kelimeler: "Tcuucn"cn" w c {nrt. "rctco gvtg" f g gkt" dgrktgo g. "nqrngmki" 3/4 tgo g. "u,p,hrcpf,to c." o cnkpg" 3/4 tgo guk"

ABSTRACT

Fcv" encukhcevkq" ku" cp" ko rqtcpv" uwdlgev" qh" uwf {"kp" vj g" hgrf " qh" ctv hkecnl" kpvrnk" gpeg0 F khtgtpv" crrtqcej gu" uwej " cu" MP P." ctv hkecnl" pwtcnl" pgvy qtmu" f gekukqp" vggü. " uwr rqtv" xgev" o cej kpgu" r tqdcdkkl /dcugf " crrtqcej gu" j cxg" dggp" f gxgnr gf " hqt" encukhcevkq0 Cni qtkj o u" wr f cvg" vj g" xcngü" vngp" cu" rctco gvtu" ugrgev" vj g" o quv" crrtq rtkvg" rctco gvt" hqt" vj g" f cvcug" cpf " vq" r gthto " dgwt" o qf gnkp" 0 Tcpf qo " Uwdur cegu" \*TU+ " ku" c" encukhgt" vj cv" y qtmu" qp" f gekukqp" vggü" cpf " eqo dkpgu" vj g" f gekukpu" qh" vj g" vggü" k" wugu" eqmgevkgnl 0 k" qtf gt" vq" kpetgcug" vj g" f gekukqp" f kxgtukv { qh" f gekukqp" vggü" k" TU" f khtgtpv" hcwtg" uwdugw" ctg" tcpf qo n" f gyto kpgf " ceeqtf kpi " vq" vj g" tcpf qo " uwdur ceg" tvkq" rctco gvt" cpf " TU" eqo dkpgu" vj g" tguvn" qh" vj g" vggü" etgcvgf " y kj " vj g" g" hcwtg" u0 k" qw" uwf { . " vj g" tcpf qo " uwdur ceg" tvkq" rctco gvt" qh" vj g" TU" encukhgt" y cu" f gyto kpgf " cu" 20. " 20. " 20. " 20 " cpf" 20 " cpf" vj g" r gthto cpegu" qh" vj g" TU" encukhgt" y gtg" gxcncvgf " k" 32" f khtgtpv" f cvcugv0 Y j gp" vj g" encukhcevkq" r gthto cpeg" qh" TU" wukpi " f khtgtpv" uwdur ceg" tvkq" ku" gxcncvgf " ceeqtf kpi " vq" vj g" ceewtce {" cpf " H" o gcuw" g" xcngü" k" ku" qdugt xg" " vj cv" vj g" ej cpi g" k" vj g" tcpf qo " uwdur ceg" tvkq" kpetgcugu" vj g" encukhcevkq" r gthto cpeg" k" i gpgtcn" gxgp" khk" xctgu" ceeqtf kpi " vq" vj g" f cvcugv0 Gur gekm { k" eqpcev" ngpugu" cpf " y gcj gt" f cvcugv" k" y cu" qdugt xg" " vj cv" vj g" r gthto cpeg" xcngü" y gtg" qdvkpgf " dgwt" cu" vj g" tcpf qo " uwdur ceg" tvkq" kpetgcugf 0

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

J qy gxgt."k'j cu'dggp"qdugtxgf "vj cv'r gthqto cpeg"xctkgf "f gr gpf kpi "qp"vj g"f cvcugv."cu"gxkf gpegf "d{"  
nko kgf "f genkpgu'kp"ceewtce{"cpf "H/o gcwutg"xcmngu'y kj "kpetgcukpi "tcpf qo "uwdur ceg"tcvku'kp"vj g'i mui"  
cpf "kppqr j gtg"f cvcugw0'

**Keywords**< Tcpf qo "uwdur cegu" r ctco gvt" xcmng" f gvtgto kpcvqp." gpugo drg" ngctkpi ." ercuikhecvkqp."  
o cej kpg"ngctkpi "

"  
"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EEİ İLE İŞLEMEDE HA TOZ KATKISININ Tİ6AL4V KURU KAYMA AŞINMA ÖZELLİKLERİNE ETKİSİNİN ANALİZİ ANALYSIS OF HA POWDER ADDITION ON DRY SLIDING WEAR PROPERTIES OF Tİ6AL4V IN EDM

*Hamidullah YAŞAR<sup>1</sup>*

*<sup>3</sup>Ft0\ qpi wf cm!DÄrgpv!Gegxk!Öpkxgt ukxguk "OÄj gpf kurkn!HcnÄnguk "O cnkp g'OÄj gpf kurk k'D/ÄAo Ä."*

*\ qpi wf cm"VÄtnk! gO'<sup>3</sup>j wr u-lqt elf Öti İ222/2223/; 3; ; /; 488"*

*Nihal EKMEKÇİ<sup>2</sup>*

*<sup>4</sup>"Fq=Ft0\ qpi wf cm!DÄrgpv!Gegxk!Öpkxgt ukxguk "OÄj gpf kurkn!HcnÄnguk "O cnkp g'OÄj gpf kurk k' D/ÄAo Ä." \ qpi wf cm"VÄtnk! gO'*

*<sup>4</sup>j wr u-lqt elf Öti İ222/2224/3669/2933"*

#### ÖZET

Dw' ±cn, o cf c." Grgmtq" Gtql {qprc" ngo gf g" \*GG +." f kggmtkn' u,x, {c" o kntq" xg" pcpr" dq{ wrctf c" J kf tqmkr ckw" \*J C "+vql "krxg"gf kggtgnik rpgp"V8C16X"pwo wpgrtkp" {Ä g { "dÄÄpnÄ Ä"xg"mwt'nc { o c" c ,po c"34 grnmgk!kpegnpo k vkt0F gpg{ rgt"u,tcu,pf c"mwre,ncp"GG "r ctco gvtggtk%pegnk±cn, o cnctf cp" grf g" gf krp" qr vko wo " uqpwrctf cp" dgiktngpo k vkt0 Gp" ±qnl' mwre,ncp" dk! qo cñ go grgtf gp" dk! k' qrcp" V8C16X"cr ,o ,p,p. J C "vql wkrxgk!kxgkrxguk' qrcctnk ngpo gukf gp"uqpte" {Ä g { rgt. "Vetco cn'Grgmtq" O kntqunqdw' \*UGO ±" Gpgtk! Fc ,no n" Ur gmtqunqr k' \*GF U+ "xg" Z/, ,p, " F kctmqo gvtguk' \*ZTF +" krg" netcmgtk! g"gf kro k vkt0' rpgp" {Ä g { rgt "f cj c"uqpteu,pf c"r ÄÄ nÄÄn!xg"mwt' ctvctf c" c ,po c"vgumgtkg" vcdk'wwwro w wt0RÄÄ nÄÄm'uÄÄvÄpo g'næuc { ,u,\*E qH"xg" c ,po c"qtcpnc,pf cnk!ctnm nmct! kpegnpo k . " rctre,v,m , "tghetepu!pwo wpguk!kg'm {curepo , "xg"ctv , ,m , v,t0F kggmtkn!u,x, {c"gmppgp" j go "o kntq" j go " f g"pcpq" J C "vql wkrxguk" {Ä g { "r ÄÄ nÄÄ ÄpÄÄ! krg vkt0 gmgf k0Rkp/qp/f kunc ,po c"vgumgtk" c ,po c { c" met , "gp" f ktp+ k {Ä g { kpcpq" J C "vql wkrxguk!kg"grf g"gf kf k kpkf q twro , v,t0J gt'knk!dq { wwe" J C "vql " krxguk" krg" qtcreo c" uÄÄvÄpo g" næuc { ,u, "ctvo cmcf ,t0'O kntq" xg" pcpr" J C "vql "krxguk" krg" grf g" gf krp" {Ä g { rgtk! "ctm" c ,po c" r gthto cpurc, "gucu"qrctcm!kpekn!f g ctlnctre "k k nkrpf k kro k vkt0I gpgn!qrctm" grf g"gf krp"uqpwrct" f kggmtkn!u,x, {c" J C "vql wkrxguk!kp"uÄÄvÄpo g"xg" c ,po c"34 grnmgk!kpk" {cp,"u,tc" {Ä g { "dÄÄpnÄ Ä"ÄÄ gkpf g"3pgo rk!dk" gwvk! g"ucj kr "qf w wpw"qpc { nco cmcf ,t0"Uqpwrctc" i 3/4g." {3pgo " j go "dk! qw! wo nwmn! j go " f g" c ,po c" f ktgpelkp"3pgo rk!dk" i gtgm!kpo "qf w w'dk! qo cñ go grgtk! "ko crev" gpf Äm!kupg" w! i wrpedkkt0

**Anahtar Kelimeler:** "Grgmtq"gtql {qprc" k ngo g."V8C16X. [ Ä g { "dÄÄpnÄ Ä" J kf tqmkr ckw0

#### ABSTRACT

Vj g'r tguv'y qtm!gzr nqtgu'y g"ghgev"qh'o letq"cpf "pcpr" J { f tqz { cr ckwg" \*J C "+kpr" r qy f gt"cf f k!kp" qp" uwt hceg' kp! gi tk! { "cpf" f t { "unf kpi "y gct" r tqr gt vku!qh"V8C16X" uco r ngu'o cej kpgf "d { "Grgvleclif kaej cti g" O cej k!kpi " \*GF O +0'GF O "r ctco gvtu"y gtg" f gvto kpgf "htqo "qr vko cn'tguwm" qdvckpgf "htqo "r tgxkqw" uwf lgu0' Chgt" o cej k!kpi " y j "dkqo cvgtkcn! V8C16X" cmj { " y kj " cpf " y kj qw" J C " r qy f gt" cf f k!kp" kp" f glqpk! gf "y cvt" f krgestle. "y j" uwt hcegu"y gtg" ej ctcevgtk! gf "d { "Uecppki "Grgvtaq" O letqueqr g" \*UGO ±." Gpgti { /F kur gtukxg" Ur gevtaqqr g" \*GF U+ "cpf" Z/ "tc { " f khtcevqo gvtg" \*ZTF +0' O qtqpxg. "uwt hcegu"y gtg" uwdlgev" vq" tqwi j pguu" cpf "y gct" vguu0' Vj g' f kuetgr cpeku!kp" tqwi j pguu "eqghlekgpv!qh!htlevkq" \*EqH" cpf " y gct" tvgu" ctg" gzcö kpgf . "eqo r ctgf "y kj "tghgtpege" uco r ng" cpf " f kuwugf 0'Dqj " o letq" cpf "pcpr" J C " r qy f gt" cf f k!kp" lo r tqxgu'y g' tqwi j pguu0' Vj g' r kp/qp/f kae"y gct" vguu!ch!to gf "y cvj g" dguv'y gct' tguu!cpv"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

uwthceg"y cu"qdvckpgf "y kj "pcpq"J C"r qy f gt"cf f kkp0Y kj "vj g"J C"r qy f gt"cf f kkp."cxgtci g"EqH' kpetgcugu"lqt"dqj "r qy f gt"ukl gu0Vj g"f khtgtpv"y gct"r gthqto cpeg"qh"o ketq"cpf "pcpq"r qy f gtu"y gtg" o ckn{ "cuqekcvf "y kj "ugeqpf ct{ "f kfej cti gu0Qxgtcm"vj g"qdvckpgf "qweqo gu"cr r tqxg"vj cv"J C"r qy f gt" cf f kkp"v"vj g"fgtevtle"hs wkf "j cu"b"uki plkecpv/phwpgpeg"qp"htkvp"cpf "y gct"ej ctcevtkueu"cu"y gm"cu" uwthceg"kvgi tkv{0Ceeqtf kpi "v"vj g"tgwuu"vj g"o gvj qf "ecp"dg"cr r rkgf "v"vj g"o cpwcewtkpi "kpf wut{ "qh" dlqo cvgtkni"y j gtg"dqj "dkqeqo r cvkklkv{ "cpf "y gct"tgukucpeg"ku"qh"ko r qtvpeg0

**Keywords:** "Gtevtlecnlf kfej cti g"o cej kkpki . "V8C16X."Uwthceg"kvgi tkv{. "J { f tqz { cr cvkkg0

"

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#### HENTBOL OYUNCULARININ YARALANMA KAYGI DÜZEYLERİNİN İNCELENMESİ INVESTIGATION OF INJURY ANXIETY LEVELS AMONG HANDBALL PLAYERS

**İbrahim BAHÇİVAN<sup>1</sup>**

<sup>3</sup>F qmqt c" t gpekuk '¥ wmw qxc '©pkxgt ukuguk 'Ur qt 'Dsko rgt k'HcnÅnguk 'Cf cpc.'VÅtnk' g0'

<sup>3</sup>QTEK 'K' <j wr u<llqt ekf Qti I2222/2224/7234/3677"

**Barışcan ÖZTÜRK<sup>2</sup>**

<sup>3</sup>F qmqt c" t gpekuk '¥ wmw qxc '©pkxgt ukuguk 'Ur qt 'Dsko rgt k'HcnÅnguk 'Cpvt gp<sup>3</sup>/rñmD<sup>3</sup>/rño Å. 'Cf cpc.'" VÅtnk' g0'

<sup>3</sup>QTEK 'K' <j wr u<llqt ekf Qti I2222/2223/9223/5254"

**Caner UZUNCA<sup>3</sup>**

<sup>4</sup>F qmqt c" t gpekuk '¥ wmw qxc '©pkxgt ukuguk 'Ur qt 'Dsko rgt k'HcnÅnguk 'Cf cpc.'VÅtnk' g0'

<sup>4</sup>QTEK 'K' <j wr u<llqt ekf Qti I2222/2225/5297/5949"

**Levent SANGÜN<sup>4</sup>**

<sup>5</sup>¥ wmw qxc '©pkxgt ukuguk 'Cf cpc 'O gurgm' [ Ånugnqmww.'Cf cpc.'VÅtnk' g'"

<sup>5</sup>QTEK 'K' <j wr u<llqt ekf Qti I2222/2224/4585/: ; 99"

"

#### ÖZET

Dw' ±cn, o c." j gpvdqn' q {wpewrct, p, p" {ctcrpo c" nē {i, " f Å g {ngtkpk' kpegro g {k' co c±ro cmcf, t0' Ur qt" {ctcrpo crct, " ur qtewrct, p" h'k knugn' xg' r uknqmllknif wto rct, p, " gvnkg { gp<sup>3</sup>/pgo rñ'hcm<sup>3</sup>/4ngtf gp' dktf k0'Dw' dc rco f c." {ctcrpo c" nē {i, u, p, p" ur qtewrct, p" r gthqto cpu, pc" xg" ur qtc" f gxc " gwo g" uÅtg±ngtkpg" gvnkg" <sup>3</sup>/4 gnmng" kpegro g {g' f g gtf k0'Ctc vto c. " h'kcpun, " qrtcmij gpvdqn' q {pc {cp' vqr rco " 362" ur qtewpwp " 92" gtngm' 92' h'ef, p+nev, no, {rñ' i gt±gmg vktk k vt0'¥ cn, o cf c. h'ev, no e, rct, p' f go qi tchñk' xg' cpvtqr qo gvkñ' <sup>3</sup>/4 gnmngtkpk' dgrngro gnico ce, {rñ' dki k' h'qto w' xg' Tgz' xg' O gv' rgt " 4238+ vctch, pf cp' i grk vktkpg. " Ecl " xg" ctñ0' 423; " vctch, pf cp' VÅtnng {g' w' ctcrpcp' \$Ur qt" [ ctcrpo cu, " Mc {i, " nēg k\$' nwrct, r, v, t0' Xgtkngtkp" cpcrk' kpf g. " pqto cnknif c, no, p, p" uc rcpf, " vgr k' gf kn k vt0' Ekpuk' gv' f g k ngpkpg" i <sup>3</sup>/4 g' cn' dq {w' xg" vqr rco " r wcp" qtvrco crct, " ctcu, pf cnk' h'ctmp' dgrngro guk' k±p' kpf gr gpf gpv' V' Vguk' r q' ku {qp' xg" {c " f g k ngpntkpg' i <sup>3</sup>/4 g' h'ctmct, p' cpcrk' kpf g' kug' Qpg' Y c { 'CP QXC' Vguk' w' i wrco, v, t0' Ctc vto c' d'wii wrct, " nev, no e, rct, p" {c " qtvrco cu, p, " 45.2: Ö8.27" {, n" ur qt" {cr o c" uÅtguk' qtvrco cu, p, " ; .48Ö9.28" {, n' xg" {ctcrpo c" uqptcu, " ur qtc" i g' k' f <sup>3</sup>/4 g' uÅtguk' qtvrco cu, p, " 5: .: 8Ö67.35" i Åp' qrtcmij <sup>3</sup>/4 g' to k vt0' Ekpuk' gv' xg" {c " f g k ngpntkpg" i <sup>3</sup>/4 g' ur qt" {ctcrpo cu, " nē {i, u, " cn' dq {w' xg" vqr rco " r wcp" qtvrco crct, " ctcu, pf c" cprco n, " dk' h'ctm' d'wmpco co, v, t' r @.27-0C pecn' ur qt" {cr o c" {, n' f g k ngpkpg' i <sup>3</sup>/4 g. " {gpk' gp" {ctcrpo c" nē {i, u, " xg" c {, h'cni, rpo c" nē {i, u, " cn' dq {w' r wcp' rct, pf c" xg" vqr rco " r wcp" qtvrco crct, pf c" kuc' v' k' mgn' qrtcmleprco n' h'ctmct' l'cr vpo, v, t' \*r > 2.27-0Uqpwrct. " ur qt" {cr o c" {, n' f Å Åniqrnp " 3/7" {, n' q {wpewrct, p. " ur qt" {cr o c" {, n' { Ånugn' qncp " 32/37" {, n' ur qtewrct" i <sup>3</sup>/4 g' f c j c" { Ånugn' f Å g {f g" {ctcrpo c" nē {i, u, " {c cf, mct, p, " qtvc {c" nq {o cmcf, t0' Dw' dwii w" ur qtewrctf c" f gpg {kø " ctw, nēc" {ctcrpo c" nē {i, u, p, p" c' cncd' kreg kpg" k ctgv' gvo gmgf k0' Ur qtewrct, p" nē {i, " f Å g {ngtkpk' c' cno c {c" {<sup>3</sup>/4 g' rñm' utcv' g' kngtkp" i grk vktk guk' r gthqto cpurt, p, " ctv, to c' xg' ur qt" {c co rct, p, " uÅtf Åto g' c±, u, pf cp' <sup>3</sup>/4 g' "vc, o cmcf, t0' **Anahtar Kelimeler:** " J gpvdqn' [ ctcrpo c" Mc {i, u, " Ur qt" [ ctcrpo cu, " Mc {i, " nēg k' Ur qtewrct' F gpg {kø k' Ruknqmllknirgthqto cpu"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

Vj ku'uwf { 'cko u'v'gzco kpg'vj g'kplwt { 'cpzkgv' 'rgxgn'qh' { qwpi "cpf "cf wv'j cpf dcm'r n { gtu'U' r qt u'kplwtkgu' ctg" uki pkkcepv' hrevqtu' vj cv' chge'v' dqvj " vj g" rj { ukecn' cpf " r u{ej qnqi kecn' ucvgu' qh' cvj rvgu" cpf " wvf gtucpf kpi "vj gk'ko r cev'qp"r gthqto cpeg"cpf "eqpvkpcv'kqp"kp"ur qt u'ku'guugpvkcn'Vj g'tguctej "y cu' eqpf wevf "y kj "vj g'r ctv'ekr cvkqp"qh'362'h'egpugf "j cpf dcm'r n { gtu'\*92"o crg. '92'hgo crg+0C'f go qi tcrj ke" cpf "cpvj tqr qo gvt'le"kp'qto cvkqp"qto "cpf "vj g"\$U' r qt u'kplwt { "Cpzkgv' "Uecrg.\$"qt ki kpcmf "f g'xgnr gf "d { " Tgz"cpf "O gv' rgt "4238+"cpf "cf cr v'gf "kpvq"Vvtnkj "d { "Ecl "gv'cn'0\*423; +."y gtg'wugf "vq"eqngev'f cvc0Vj g" pqto crk { "qh' vj g" f cv' f kmtkdwkqp"y cu' eqplkto gf 0' Cp" kpf gr gpf gpv' V/vgu' y cu' cr r rkgf "vq" f gvgto kpg" f khtgpegu'kp' uwd/f ko gpukqp"cpf "vq'cn'ueqtgu'dcugf "qp"i gpf gt. "y j krg'c'Qpg/Y c { "CP QXC"vgu'y cu'wugf " vq'cpcn { | g'f khtgpegu'ceeqt f kpi "vq' r n { gtu' r qu'kqp"cpf "ci g0Vj g'h'kf kpi u'kpf kec'v'j cv'v'j g'r ctv'ekr cpw' c'xgtci g'ci g'ku'450: 08027" { gctu"y kj "cp'cxgtci g'qh'; 08028" { gctu'qh'ur qt u'r ctv'ekr cvkqp0Vj g'o gcp" f vtcv'kqp'ht' t'gwtpkpi "vq'ur qt u'ch'gt kplwt { 'y cu'5: 0 806705'f c { u0P q'ucv'kuecm { 'uki pkkcepv'f khtgpegu' y gtg'h'w'p'f "dgw ggp"vj g' uwd/f ko gpukqp"cpf "vq'cn'ueqtgu'qh'v'j g'U' r qt u'kplwt { "Cpzkgv' "Uecrg"dcugf "qp" i gpf gt"cpf "ci g" \*r @027+0J qy g'xgt. "c" ucv'kuecm { "uki pkkcepv'f khtgpegu"y cu' qdugt'xgf "kp" vj g' uwd/ f ko gpukqp'qh'h'gct"qh'tg/kplwt { "cpf "cpzkgv' "cdq'w'dgkpi "r gte'gk'xgf "cu'y gcm'cu'y gm'cu'kp"vq'cn'ueqtgu' dcugf "qp" vj g' f vtcv'kqp"qh'ur qt u'r ctv'ekr cvkqp" \*r >2027+0Vj g"tgw'nu" uwi i guv' vj cv' cvj rvgu"y kj "rgu" g'zr g'k'g'peg" \*367" { gctu+"gzj kdk'j ki j gt "rgxgn'qh'kplwt { "cpzkgv' "eqo r ctgf "vq"o qtg"gzr g'k'g'pegf "cvj rvgu" \*32637" { gctu+0Vj g'ug'h'kf kpi u'kpf kec'v'j cv'cu'cvj rvgu"i ckp"gzr g'k'g'peg. "vj gk"cpzkgv' "rgxgn't'gnc'v'f "vq" kplwtkgu'v'p'f "vq" f getgcug0F g'xgnr kpi "utcv'gi kgu'vq"tgf weg"cpzkgv' "rgxgn'co qpi "cvj rvgu'ku'guugpvkcn'ht' ko r tqxkpi "vj gk' r gthqto cpeg"cpf "gpwtkpi "npi /v'gto "gpi ci go gpv'kp"ur qt u'0

**Keywords:** "J cpf dcm' kplwt { "Cpzkgv' . "U' r qt u'kplwt { "Cpzkgv' "Uecrg. "Cvj rvgu' "G'zr g'k'g'peg. "Ru { ej qnqi kecn' Rgthqto cpeg"

"

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III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

ANTRENÖRLERİN UYKU KALİTESİ İLE VÜCUT KOMPOZİSYONLARI ARASINDAKİ İLİŞKİNİN İNCELENMESİ  
INVESTIGATION OF THE RELATIONSHIP BETWEEN COACHES' SLEEP QUALITY AND BODY COMPOSITION

İbrahim BAHÇİVAN<sup>1</sup>

<sup>3</sup>F qmqt c'' t gpekuk '¥ wmw qxc '©pkxgt ukuguk 'Ur qt 'Dkko rgt k'HcnÅnguk 'Cf cpc.'VÅtnkğ g0'  
<sup>3</sup>QTEKF 'KF <j wr u-llqt ekğ Qti I2222/2224/7234/3677"

Barışcan ÖZTÜRK<sup>2</sup>

<sup>3</sup>F qmqt c'' t gpekuk '¥ wmw qxc '©pkxgt ukuguk 'Ur qt 'Dkko rgt k'HcnÅnguk 'Cpvt gp³/4nÅmD³/4Åo Å.'Cf cpc.'  
VÅtnkğ g0'  
<sup>3</sup>QTEKF 'KF <j wr u-llqt ekğ Qti I2222/2223/9223/5254"

Caner UZUNCA<sup>3</sup>

<sup>4</sup>F qmqt c'' t gpekuk '¥ wmw qxc '©pkxgt ukuguk 'Ur qt 'Dkko rgt k'HcnÅnguk 'Cf cpc.'VÅtnkğ g0'  
<sup>4</sup>QTEKF 'KF <j wr u-llqt ekğ Qti I2222/2225/5297/5949"

Levent SANGÜN<sup>4</sup>

<sup>5</sup>¥ wmw qxc '©pkxgt ukuguk 'Cf cpc 'O gurgnl Åmugnqmww.'Cf cpc.'VÅtnkğ g''  
<sup>5</sup>QTEKF 'KF <j wr u-llqt ekğ Qti I2222/2224/4585/: ; 99"

ÖZET

Dw' ±cn o c." cpvtgp³/4ngtğp" wğmw' nerksguk' kğ" xÅew' nğo r qj ku{qpw' r etco gvtgrgtk' etcu,pf cni' kğ nkğ k' kpegng o g{ k'co c±co cmcf ,t0Wğmw' dkt g{ rgtğp' i gpgn'uc nımf wtwo wpw'xg'r gthqto cpu,p,"gnkğ{ gp"vgo gr' dkt' dkt' qmğl nıuÅt g±vt0' | grkmg'cpvtgp³/4ngt' i kdk' q wp' hğ kmgri'xg' kğ kğgn' f Ånçn,pf c±cn cp' dkt g{ rgtğ g." nerksguk' dkt' wğmw' f Å gpkğp." xÅew' nğo r qj ku{qpw' Å gtpğf g' dgrktğ{ lek' qmçdkğeg k' f Å ÅpÅno gmgf kt0' ¥ cn o c." {c nct, "57.: 08.3" qrcp' xg' qt vcrco c'9.2305.65" { ,nıur qt' i g±o k kğp' uc j kr "379" cpvtgp³/4 Å gtpğf g' i gt±gmg vtğno k vt0Mçv, no e, nct, p' dq { "wğ wprw w3.: 402.6: "o .xÅew' c ,tn , '98.; 8034.: : "mı "xg' dğf gp' nkğ "kğf gmk' \*DO K' 46.3305.47" qrcrcni' 3/4 Åo Å vÅt0' Ctc v, to cf c." wğmw' nerksguk' kğ "xÅew' c ,tn , ." dgn' ±gxtguk' xg' "DO Kctcu, pf c" cprco n "kğ nkğt" qnr "qno cf , , "Rgctup" nıqtgrcu{ qp "cpcnğ k' kğ "kpegngpo k vt0' Gıf g' g' kğp' uqpw±ctc' i 3/4 g. "wğmw' nerksguk' kğ "xÅew' c ,tn , "t" ? "2.484. "r" > "2.23+ "dgn' ±gxtguk' "t" ? "2.395." r" > "2.27 +xg' DO K' " ? "2.392. "r" > "2.27 +ctcu, pf c' r qj kğk' { 3/4 Ånçn' pco n, 'kğ nkğt' dwnpo w wt0Dwdwi wrct." wğmw' nerksg' unıqtıct, " ctw, m±c " cpvtgp³/4ngtğp" xÅew' nğo r qj ku{qpw' p, p' f c" ctw , p, " i 3/4 vto gmgf kt0' ¥ cn o cp, p" uqpw±ctc, " cpvtgp³/4ngtğp" uc nım, " dkt' wğmw' f Å gpk' dğpko ugo gngtğp. " kf gcn' xÅew' nğo r qj ku{qpw' c" wr o cf c" xg' nıqtwp o cu, pf c" 3/4 pgo rk' dkt' gngp" qmçdkğeg kğk' qtc { c" nı { o cmcf , t0' Cpvtgp³/4ngtğp" r gthqto cpu, p, " ctv, to cni' xg' uc nımtkumgtğp' c' cno cni' co ce, { r' wğmw' nerksguk' k' ctv, to c { c' { 3/4 pgnıntc vğlğgtğp' i grk vtğno guk "ur qt' f Å { cu, pf c' 3/4 pgo rk' hç f cıct' uc nı { cdkkt0'

Anahtar Kelimeler: " Wğmw' Mçrksguk' XÅew' Mğo r qj ku{qpw' Cpvtgp³/4. " Rgctup" Mıqtgrcu{ qpw." Ur qt' Rgthqto cpu, "

ABSTRACT

Vj ku'uwf { "cko u'vq'gzco kğg' vj g' tgrçvqpuj kr "dgvy ggp" urgr "s wrkğ { "cpf "dqf { "eqo r qukkqp" r etco gvtu' co qpi "eqcej gu0Uıgr "ku'c' hmpf co gpcnıdkqmı kecnı r tqegu' vj cvlphıvğpegu' kğf kğk' wcnı' qxgtcmıj genj "cpf " r gthqto cpeg0' K' ku' r ctvewrctnğ " vj qwi j v' vj cv' c" s wrkğ { " urgr " r cvgtp" ecp" dg" f gvto kpcp' hqt" dqf { " eqo r qukkqp" kğ "kğf kğk' wcnı' y qtnkpi "wpf gt' kğvğpuğ" r j { ukecn' cpf "o gpcnı' nıqcf . "uwej "cu' eqcej gu0' Vj g'

ABSTRACT BOOK



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

tgugctej 'y cu'eqpf wexgf "qp"379"eqcej gu'y kj "cp"cxgtci g'ci g'qh'570 "Ö'8Ö" { gctu'cpf "cp"cxgtci g'ur qt wu" dcemi tqwpf "qh'9Ö3"Ö'5Ö5" { gctu'Vj g'r ct vkr cpw)j gki j v'y cu'o gcuwtgf "cv'30 4"Ö'2Ö6: "o ."dqf { 'y gki j v' cv'98Ö 8"Ö'340 : "mi ."cpf "dqf { "o cuu'kpf gz "DO K'cv'46Ö3"Ö'6Ö70"Ö'vj g'uwf { ."vj g'uki pkhkepeg"qh'vj g' tgrvklpuj kr u'dgy ggp'unggr 's wrkv { 'cpf "dqf { 'y gki j v'y cku'ektewo hgtgpeg."cpf "DO Ky cu'cpcn { | gf "wukpi " Rgctup" eqttgrvklpuj "cpcn { uku'Vj g'tguwnu" kpf kecvgf "vj cv'vj gtg"y gtg"r qukkxg"uki pkhkepv"tgrvklpuj kr u' dgy ggp'unggr 's wrkv { 'cpf "dqf { 'y gki j v' "20484."r ">"2023+"y cku'ektewo hgtgpeg"t" "2095."r ">"2027+" cpf "DO K't" "2092."r ">"2027-0'Vj gug'hpf kpi u'awi i guv'vj cv'cu'unggr 's wrkv { "ueqtgu'kpetgcug."eqcej gu" dqf { "eqo r qukkqp"cnq'kpetgcugu'Vj g'tguwnu"qh'vj g'uwf { 'j ki j rki j v'vj cv'cf qr vki "c"j genj { "unggr 'r cvgtp" o c { "dg" c "uki pkhkepv" hcvqt "hqt" eqcej gu' kp" cej lxxkpi " cpf " o ckvckkpi " cp" kf gen' dqf { " eqo r qukkqp0" F gxgnr kpi "utcvgi kgu'vq"gpj cpeg"unggr 's wrkv { "eqwf" r tqxkf g"uwnducpvkci'dgpghku'kp"vj g'ur qt wu'y qtrf . " clo kpi "v'ko r tqxg"eqcej gu'r gthqto cpeg"cpf "tgf weg"j genj 'tkum0

**Keywords** <Unggr 'S wrkv { . 'Dqf { 'Eqo r qukkqp. 'Eqcej . 'Rgctup 'Eqttgrvklpuj. 'Ur qt wu' Rgthqto cpeg"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MAKİNE ÖĞRENİMİ ALGORİTMALARI İLE KALP KRİZİ TAHMİNİ HEART ATTACK PREDICTION WITH MACHINE LEARNING ALGORITHMS"

Ahmet ÇANKAL

F t 0 t 0 { g u k ' Q u o c p k g ' M q t m w ' C v ' O p k x g t u k x g u k ' }

QTEKF <2222/2224/585; /: : 83"

Ahmet Barış DÜZGÜN"

[ ã m u g n i N k a c p u ' Q u o c p k g ' M q t m w ' C v ' O p k x g t u k x g u k ' "

Abdurrahman Emir KÖSE"

[ ã m u g n i N k a c p u ' Q u o c p k g ' M q t m w ' C v ' O p k x g t u k x g u k ' "

#### ÖZET

Mçir 'j cuçnımet, .f ã p { c ' i g p g r k p f g ' g t n g p ' 3 / 4 ã o n g t k p ' x g ' t c n n i j k o g v g t k p k p ' o c r k g v k p k p ' g p ' { ã m u g n i q r f w w ' j cuçnımet, p" de , p f c " i g m g m g f k t 0 ' D w ' ± c n , o c f c . " f ã p { c " i g p g r k p f g " n e r r " j cuçnımet, p, p" q t c p r c t , " k p e g r p g t g m " d w ' q t c p r c t , p " f c j c " { ã m u g n i ' f q t w m m e " v g u r k ' g f k o g u k p g " { 3 / 4 p g r k m i ' { 3 / 4 p v g o n g t " f g g t n g p f k l k e g m k t 0 C { t , e c . f c j c ' 3 / 4 p e g ' b t c v t , m c o , " d k t " { 3 / 4 p v g o k p ' i g r k v t k o g u k k e p ' i g t g m k ' ± c n o c r e t " { c r , m c u , " j g f g h g p o g m g f k t 0 ' D w ' ± c n o c . " c p k ' 3 / 4 ã o n g t k ' c l c n e t e m i d k t g { n g t k p ' f c j c " w j w p " d k t " { c c o " u ã t o g r g t k p g ' n e v m f c " d w m p o c { , x g ' l p o g ' u q p w e w ' q t v c { c ' ± , m e p ' o c r k g v k ' x g ' | c j o g v k ' v g f c x k ' u ã t g h g t k p k p ' 3 / 4 p ã p g ' i g ± o g { k b o c ± r e { c t e m 3 / 4 p g o r k d k t ' v q r n o u c i l h c { f c ' l e n o c m c f , t 0 D w ± c n o c f c . h e r r ' j cuçnımet, p, " v c j o k p " g v o g n i c o c e , { r c " h c t m " o c n k p g " 3 / 4 t g p k o k ' c r i q t k o c r e t , p, p " r g t h q t o c p u , " k p e g r p o k v t 0 ' P c k x g " D e { g u " N q l k u k m i T g i t g u f q p . " M c t e t " C c ± r e t , . " T c u i g r g " Q t o c p . " Z I D q q u v . " M ' G p " [ c m p " M q o w " \* M P P ± " I t e f { c p " C t v , " \* I t e f k g p v ' D q q u k p i ± x g " C f c D q q u v ' i k d k ' f g p g v k o r k ' u , p , h c { , e , r e t . " ± g k r k ' x g t k ' k n g o g " v g n p k m g t k ' k g " d k r k m g " w i w r c p o , v t 0 ' X g t k ' u g v ' q r e t e m " 4 2 3 7 " F c x t e p , u c n ' T k u n i H e m 3 / 4 ã " | n g o g " U k u g o k ' \* D T H U U ± " M çir " J c u ç n , " U c n n i ' I 3 / 4 u g t i g r g t k ' n w m c p , r e t e m " f g p i g u k " x g t k ' f c , n o , p , p " v n k r g t k ' g r g " c n p o , v t 0 ' D w ' d e n o f c . " u , p , h ' f g p i g u k i k k ' u q t w p w p w ± 3 / 4 o g n i k e p " U { p v j g v e " O k p a t k v { " Q x g t " U c o r r k p i " V g e j p l s w g \* U O Q V G ± " C f c r v k x g " U { p v j g v e " U c o r r k p i \* C F C U l P ± " T c p f q o " W p f g t " U c o r r k p i . " T c p f q o " Q x g t u c o r r k p i " \* T c u i g r g " H c | r e " t p g m g o g ± " V q o g n i k p m " U b q v g V q o g n i k d k ' v g n p k m g t " w i w r c p o , v t = d w ' v g n p k m g t " c t e u , p f c " g p " { ã m u g n i d e c t , { , " i 3 / 4 u g t g p " { 3 / 4 p v g o " q r e t e m i T c p f q o " Q x g t u c o r r k p i " d g r k n g p o k v t 0 ' W i w r c p c p " { 3 / 4 p v g o n g t ' u q p w e w p f c ' g r f g g f k g p ' g p " { ã m u g n i f q t w m m i q t c p , T c p f q o " H q t g u v k g " ; 9 0 4 ' q r e t e m i n e { f g f k o k v t 0 ' }

Anahtar Kelimeler: "Mçir "M k k ' O c n k p g " t g p o g u k U , p , h r p f , t o c . " T c p f q o " Q x g t " U c o r r k p i "

#### ABSTRACT

J g c t v ' f k u g c u g ' k u ' q p g ' q h ' v j ' g ' n g c f k p i " e c w u g u ' q h ' r t g o c w t g " o q t v c r k v { " c p f " j g e n j " e c t g " e q u u ' y q t r f y k f g 0 ' k p " v j k u ' u w f { . " v j g ' t e v u ' q h ' j g c t v ' f k u g c u g u ' y q t r f y k f g ' y k n i ' d g ' c p e n { | g f " c p f " o g v j q f u ' h q t ' f g v g t o k p k p i " v j g u g " t e v u ' y k j " j k i j g t " c e e w t c e { " y k n i ' d g " g x c m c v g f 0 ' k p " c f f k k a p . " k v ' k u ' c k o g f " v q " e c t t { " q w ' p g e g u a c t { " u w f k e u ' v q " f g x g n r " c o g v j q f " v j c v j c u ' p a v ' d g g p ' l p x g u k i c v g f " d g h q t g 0 ' v j k u ' u w f { ' r t q x k f g u ' c p ' k o r q t v e p v ' u q e k e n i d g p g h k ' d { " c k o k p i " v q " e q p v t k d w g " v q " c " n p p i g t " i k h g " d { " t g f v e k p i " u w f f g p ' f g e v j u ' c p f " r t g x g p v k p i " e q u m { " c p f " r e d q t k q u u " v t g c v o g p v ' r t q e g u g u ' t g u w n k p i " I t q o " u t a m g 0 ' k p " v j k u ' u w f { . " v j g ' r g t h q t o c p e g " q h ' f k h g t g p v o c e j k p g ' r e g t p k p i " c n i q t k j o u h q t ' r t g f l e v k p i ' j g c t v ' f k u g c u g u ' k i ' c p e n { | g f 0 U w r g t x k u g f ' e m u k h g t u ' u w e j ' c u ' P c k x g ' D e { g u " N q i k u l e " T g i t g u k q p . " F g e k u k a p " V t g g u . " T c p f q o " H q t g u v . " Z I D q q u v . " M P g c t g u v P g k i j d a t " \* M P P ± . " I t e f k g p v ' D q q u k p i " c p f " C f c D q q u v " y g t g " c r r n k g f " v i g v j g t " y k j " x c t k q u u " f c v c " r t q e g u k p i " v g e j p l s w g u ' W u k p i " v j g " 4 2 3 7 " D g j c x l q t c n i T k u n i H e v q t " U w x g k n r e p e g " U { u g o " \* D T H U U ± " J g c t v ' f k u g c u g " J g e n j " k p f k e c v q t u ' c u ' v j g ' f c v c u g v " v j g ' g h g e w u ' q h ' v p d c r p e g f " f c v c " f k u t k d w k a p " c t g " c f f t g u g f " k p " v j k u ' e q p v g z v " v g e j p l s w g u ' u w e j " c u " U { p v j g v e "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

O kptk\ "Qxgt"Uco r rki "Vgej pls wg" \*UO QVG+."Cf cr vkg"U{pvj gve"Uco r rki "CF CU P+."Tcpf qo " Wpf gt"Uco r rki . "Tcpf qo "Qxgtuco r rki . "Vqo gmNkpm"Uo qvVqo gm'y gtg"cr r rkgf "vq"uqkxg"yj g'ercuu" ko dcrpeg"rtqdrgo ="Tcpf qo "Qxgtuco r rki "y cu'f gvto kpgf "cu'vj g"o gvj qf "y kj "vj g"j ki j guv'uweguu" co qpi "vj gug"vej pls wgu'Vj g"j ki j guv'ceewtce {"tcvg"qdvckpgf "cu'c"tgumv"qh'vj g"cr r rkgf "o gvj qf u'y cu" ; 90 4' "y kj "Tcpf qo "Hqtguv"

**Keywords** <J gctv'Cwcem'O cej kpg'Ngctplki . 'Erucuklecvkqp."Tcpf qo "Qxgt"Uco r rki "

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#### BİR SAĞLIK HİZMETLERİ MESLEK YÜKSEKOKULUNDA ÖĞRENİM GÖREN KIZ ÖĞRENCİLERİN MEME KANSERİ HAKKINDA BİLGİ DÜZEYLERİNİN BELİRLENMESİ

#### DETERMINING THE LEVEL OF KNOWLEDGE ABOUT BREAST CANCER AMONG FEMALE STUDENTS STUDYING AT A HEALTH SERVICES VOCATIONAL SCHOOL

Deniz Zeynep SÖNMEZ<sup>1</sup>

<sup>3</sup>F t 0 " t 0 C / g u k ' Q u o c p k ğ g ' M q t m w ' C v e ' O p k x g t u k g u k ' U e n i m D a k o r g t k ' H e n Ğ n g u k ' G d g r k n i D 3 / 4 Ğ o Ğ . " Q u o c p k ğ g . V Ğ t n k ğ g O ' "

<sup>3</sup>QTEKF 'KF <j wr u d l q t e k f Q t i I 2 2 2 2 / 2 2 2 4 / 4 5 9 9 / 8 4 7 5 "

#### ÖZET

O go g'ncpugt'ncf ,prct'ctcu,pf c'gp' c { i , p i 3 / 4 Ğ p p ' n e p u g t ' v Ğ t Ğ Ğ Ğ ' x g ' n e p u g t g ' d e n ' 3 / 4 Ğ o r g t ' c t c u , p f c ' k m i u , t e f c f , t 0 G t n g p ' v p , k g ' d e c t , n ' d k ' g n k f g ' v g f c x k ğ g k g d k o g m g f k 0 D w p g f g p r g ' o g o g ' n e p u g t k p f g ' g t n g p ' v p , " q r f w n e c ' 3 / 4 p g o r k f k 0 M e f , p r e t ' c t c u , p f c ' o g o g ' n e p u g t k p g ' k k n k p ' h e t m p f c n , p ' c t v o c u , " g t n g p ' v p , " k e p ' 3 / 4 p g o r k f k 0 D w ' c n , o c ' d k ' u e n i m j k o g v r g t k ' o g u r g m i [ Ğ m g n u m w w p f c ' 3 / 4 t g p k o ' i 3 / 4 g p ' m ] ' 3 / 4 t g p e k n g t k p ' o g o g ' n e p u g t k ' x g ' g t n g p ' v p , " { 3 / 4 p v g o r g t k ' k g ' k i k k ' d k i k ' f Ğ Ğ g { r g t k p k p ' d g r k n g p o g u k ' c o c e , { n ' { c r , m , v t 0 V e p , o r c { , e , " p k v r k m g n k ' d w ' c n , o c f c ' x g t k r g t ' o F g o q i t e h k n i x g t k ' v r m e o c ' h q t o w o ' x g ' o o g o g ' n e p u g t k ' x g ' g t n g p ' v p , " { 3 / 4 p v g o r g t k p g ' k k n k p ' d k i k h q t o w o ' I q q i r g ' h q t o u e t c e , n , k g ' P k u c p ' 4 2 4 3 / J c | k c p ' 4 2 4 3 ' v t k j r g t k ' c t c u , p f c ' q p r k p g ' q m c t e m ' v r r e p o , v t 0 Ğ c n , o c p , p ' 3 / 4 p g m g o k p k ' Ğ c p m t , " M e t e v g n k p ' O p k x g t u k g u k ' G r f k x c p ' U e n i m j k o g v r g t k ' O g u r g m i [ Ğ m g n u m w w p f c ' 3 / 4 t g p k o ' i 3 / 4 g p ' 4 9 : ' m ] ' 3 / 4 t g p e k ' q n w w t o w w t 0 C t e v t o c { c ' n e v , r e p ' 3 / 4 t g p e k n g t k p ' " 9 7 . ; o w ' 3 ; / 4 3 { c " c t e n , p f c . " ; : . 8 " u , " d g n e t . " " 9 ; O Ğ ' u k i c t e " n w r e p o c o c m e . " ' 9 : : ' k f Ğ Ğ g p r k ğ i | g t u k ğ { c r o c o c m e f , t 0 ' t g p e k n g t k p " 5 ; : : " w ' m i x g ' C e k n i [ c t f . o ' r t q i t e o , p f c ' q n w . " ' 7 8 0 o k 4 0 U , p , h 3 / 4 t g p e k i k " 6 7 O o k U e n i m O g u r g m i N u g u k ' o g l w p w f w t 0 " t g p e k n g t k p " 9 7 O o k p k ' o g p c t " { c , " 3 5 " { c " x g ' Ğ Ğ g t k " " 7 : o p k p " j q t o q p ' v g f c x k u k ' i 3 / 4 f Ğ Ğ " ; o w p w p ' c k r g f g ' o g o g ' n e p u g t k ' 3 / 4 m Ğ Ğ p Ğ Ğ q r f w w " ; : . 4 " u l p k p " j g t j c p i k ' d k " o g o g ' j c u c n , " d w w p o c f , , " d g r k n g p o k k t 0 " t g p e k n g t k p " 7 9 . 8 o , " M M O O " { c r o c { , " d k f k k p k " " 7 ; O " M M O O " { c r o c f , , p , " d g r k t o k k t 0 O g o g ' n e p u g t k ' c e , u p f c p " j g t j c p i k ' d k ' v e t c o c " { c r v t , r " { c r v t o c f , m e t , " u q t w o w " 7 . 6 Ğ Ğ { c r v t f , , p , " k e f g ' g v o k k t 0 O g o g ' n e p u g t k p k p ' g p ' u , m i d w i w u w ' q m c t e m " 8 3 . 7 o k ' o g o g f g ' n k r g " q m c u , = o g o g ' n e p u g t k p k p ' g t n g p ' v p , " k e p " j c p i k ' u , n m , m e ' v e t c o c " { c r , m c u , " i g t g m k k ' u q t w u w p c ' k u g " 8 3 . 7 o w ' 8 " c { f c ' d k ' f k g " { c p , w o , v t 0 G o | k t o g p k o ' o g o g ' n e p u g t k p g ' g n k u k ' u q t w o w " x g " n e v , n o e , r e t , p " " 8 7 O o k ' t k u n k ' c | c n w , p , " d g r k t o k k t 0 Ğ c n , o c p , p " u q p w e w p f c " m ] " 3 / 4 t g p e k n g t k p k p ' f q t w { c p , v q t c p , p , p ' q t v ' x g ' M M O O " { c r o c ' q t c p r e t , p , p ' f Ğ Ğ Ğ Ğ q i f w w i 3 / 4 Ğ o g m g f k 0 "

**Anahtar Kelimeler:** "O go g'ncpugt'ncf" t g p e k ' M M O O "

#### ABSTRACT

Dtgcuv'ecpegt'ku'vj g'o quv'eqo o qp'v' r g'qh'ecpegt'co qpi "y qo gp'cpf "ku'vj g'ngcf kpi "ecwug'qh'ecpegt / tgrv'gf "f gcvj u0'K'ecp"dg"uweegulhw" "vtgc'vf "y kj "gctn' "f kci pquku0'Vj gtgh'gtg."gctn' "f kci pquku'ku'xgt { "ko r qtvc'p'lp'dtgcuv'ecpegt0'K'petgcukpi "cy ctgpguu'qh'dtgcuv'ecpegt'co qpi "y qo gp'ku'ko r qtvc'p'ht'gctn' "f kci pquku0'Vj ku'uwf { "y cu'eqpf vev'gf "v'f gv'gt o kpg'vj g'npqy r'f i g'ngxgn'qh'hgo crg'uwf gp'u'uwf { kpi "cv' c'j gcmj "ugtx'legu'xqecv'kpcn'uej qqn'tgi ctf kpi "dtgcuv'ecpegt"cpf "gctn' "f kci pquku"o gvj qf u0'K' "vj ku' f g'et'k'v'xg'uwf { "f cv'y gtg'eqm'ge'vf "qpr'kpg'xk'I qqi r g' h q t o u ' w u k p i ' v j g ' o F g o q i t e r j k e ' f c v ' e q m g e v k a p " h q t o o ' c p f ' v j g ' o k h q t o c v k a p ' H q t o " q p ' d t g c u v ' e c p e g t ' c p f " g c t n ' " f k c i p q u k u ' o g v j q f u 0 ' V j g ' u c o r n g ' q h ' v j g ' u w f { " e q u k u g f ' q h ' 4 9 : ' h g o c r g ' u w f g p u ' u w f { k p i ' c v ' Ğ c p m t , ' M e t e v g n k p ' W p k x g t u k v ' ' G r f k x c p ' J g c m j ' U g t x l e g u ' X q e c v k p c n ' U e j q q r 0 9 7 0 ' " q h ' v j g ' u w f g p u ' r c t v e k r c v k p i ' k p ' v j g ' u w f { " y g t g ' d g y g g p ' v j g ' c i g u ' q h ' 3 ; / 4 3 . " ; : O ' " y g t g ' u k p i r g ' 9 ; O ' " f k ' p q v ' u o q m g . " c p f ' 9 : 0 " " f k ' p q v ' g z g t e k u g ' t g i w a c t n ' 0 5 ; 0 " " q h ' v j g ' u w f g p u "

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

ctg'lp'vj g'Hktu'cpf 'Go gti gpe{ 'Ckf'r tqi tco . '780' 'ctg'4pf''{ gct'uwf gpvu 'cpf '679' 'ctg'i tcf wcvgu'qh' J gcnj 'Xqec'kqpcn'J ki j 'Uej qqr0K'y cu'f gvgto kpgf 'vj cv970' 'qh'vj g'uwf gpw'j cf 'c'o gpctej g'ci g'qh'35' { gctu'cpf 'cdqxcg.'70' 'y gtg'tegegk'kpi 'j qto qpg'vj gtr { .; ' 'j cf 'c'fco kn' 'j k'kqt { 'qh'dtgcuv'ecpegt.'cpf " ; : 0' 'f'k' 'pq'v'j cxg'cp { 'dtgcuv'f kugcug0790' 'qh'vj g'uwf gpw'uw'v'f 'vj cv'vj g' 'hpgy 'j qy 'v'q'f'q'DUG.'cpf " 7; 0' 'f'k' 'pq'v'f'q'DUG0'Y j gp'cungf 'y j gvj gt'vj g' { 'j cf 'cp { 'uetggp'kpi 'hqt'dtgcuv'ecpegt.'706' 'uw'v'f 'vj cv' vj g' { 'j cf 0830' 'u'kf 'vj cv'vj g'o qu'eqo o qp'h'k'f'kpi 'qh'dtgcuv'ecpegt'y cu'c'hwo r 'lp'vj g'dtgcuv'cpf 'y j gp' cungf 'j qy 'qh'v'p'uetggp'kpi 'uj qwf 'dg'f'qpg'hqt'gctn' { 'f'kci pquku'qh'dtgcuv'ecpegt.'830' 'cpuy gtgf 'gxgt { " 8'o qp'vj u'0'Vj g'gh'gev'qh'dtgcuv'ggf'kpi 'qp'dtgcuv'ecpegt'y cu'cungf.'cpf '870' 'qh'vj g'r'ct'v'ek'cpw'uw'v'f " vj cv'k'tgf'wegf 'vj g'tk'no'Cu'c't'g'uw'v'qh'vj g'uw'v' { .k'k'u'uggp'vj cv'vj g'eqtt'gev'cpuy gt'tcv'g'qh'hgo crg'uw'v'gpw' ku'o gf kwo . 'cpf 'vj gk'DUG'r gthqto cpeg'tcv'g'ku'rqy 0'

**Keywords:** 'Dtgcuv'Ecpegt. 'Dtgcuv'Ugh'Gzco kpcv'kp. 'Uwf'gpv'

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# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## IMPORTANCE OF WATER PROPERTIES IN ELECTRIC ARC FURNACE COOLING PANELS

### ELEKTRİK ARK OCAĞI SOĞUTMA PANELLERİNDE SU ÖZELLİKLERİNİN ÖNEMİ

Ömer Saltuk BÖLÜKBAŞI\*

<sup>3</sup> *CuuqeORt ql0F t0'Kimgpf gtwp'Vej plecn'Wpkxgtukf.'Hcewn'qhiGpi kpggtkpi 'cpf 'Pcwt cn'Uekpegu."*  
*F gr ctwo gpv'qhlO gcmwti kecn'cpf 'O cvgtkcu'Gpi kpggtkpi ." ungpf gtwp/J cxc'.'VÄtnk'g0*

<sup>3</sup> QTEK 'KF <j wr u-Älqt ekf Qiti I222/2224/: : 84/22; Z"

Efe ARIYOL<sup>2</sup>"

<sup>4</sup> *0Äe0'Kimgpf gtwp'Vej plecn'Wpkxgtukf.'I tcf wcv'Gf wecvkap 'Kpuakwg."* ungpf gtwp/J cxc'.'VÄtnk'g0

<sup>4</sup> QTEK 'KF <j wr u-Älqt ekf Qiti I222/2224/: 847/6; ; 2"

#### ABSTRACT

Grgextle'cte'hwtpegu'GCH'ctg'hmpf co gpvci'kp'o qf gtp'uggn'r tqf wevkqp.'y j gtg'j ki j 'vgo r gtcwtgu'ctg' pgeguuct { 'vq'o gm'uetcr 'b gvcn'ghlekpvni 0Vq'o cpci g'vj gug'gzvtgo g'vgo r gtcwtgu'cpf 'rtgxgpv'gs vkr o gpv' f co ci g.'eqqrkpi 'r cpgn'ctg'kpucmgf 'y kj kp'vj g'hwtpegu'utwevtg0'Y cvgt'ku'vj g'r tko ct { 'o gf kwo 'wugf 'vq' eqqn'ij gug'r cpgn.'cpf 'ku'ej ctcevgtku'eu'weje 'cu'eqpf wevkvk'.'r J . 'j ctf pguu'cpf 'ercpcrkpguu'uki plhlekcpv'k' kphwvpeg'eqqrkpi "ghlekpe { "cpf 'vj g'ngpi g'xkv { 'qhi'vj g'gs vkr o gpv'0'J ki j /s wvkv { 'y cvgt'j gr u'vq' g'pwtg' ghlekpv'j gcv'tcpuhgt'cpf 'o kpk k' gu'tkumi'cuuekcvf 'y kj 'uecrkpi 'cpf 'eqttqukqp'ORqt'y cvgt's wvkv { ."qp' vj g'q'vj gt'j cpf . 'ecp'igcf 'vq'uecng'dwrf wr . 'y j kej 'kpuwv'gu'j gcv'cpf 'f getgcugu'vj g'eqqrkpi 'r gthqto cpeg'qh' vj g'rcpgnu'0'Uecng.'r tko ctkn { 'f vq'v'j ki j "o kpgtci'eqv'v'kp'vj g'y cvgt.'hqto u'cp'kpuwv'kpi 'rc { gt'vj cv' f kutwr ul'j gcv'f ku'kr cvkqp.'ecwukpi "vj g'hwtpegu'v'qr gtcv'cv'j ki j gt'vgo r gtcwtgu'cpf 'kpetgcukpi "gpgti { " eqpuwo r vkp'0' Cf f kkpqcm { ."ko r tqr gt'y cvgt'r J " cpf "j ki j "rgxgn' qh'f ku'q'rgf "qz { i gp'eqv'kdwg'vq' eqttqukqp.'y j kej 'y gcn'g'vj g'utwevtg'qh'eqqrkpi 'r cpgn'cpf 'uj qtvgpu'vj gkt'qr gtcvkpcn'rh'gur cp'0'Qxgt' vko g.'vj gug'ku'wgu'ecp'gucrcvg.'tgumn'kpi "kp'htgs vgpv'o c'kpvg'p'peg.'equu { 'tgr cktu "qt'gxgp'wpzr gev'f " uj wf qy pu' qh'vj g'hwtpegu'0'Vj gtghqg.'eqpukv'v' o qpkqtkpi "cpf "tgi wv'v'k'qh'y cvgt'r tqr gt'v'ku'ctg' etwekr'0'K r ngo gpv'kpi "c'eqo r tgi gpuk'x'g'y cvgt'o cpci go gpv'utcv'i { "vj cv'kpen'f gu'tgi wct'cpcn'ku'cpf " vtgcvo gpv'ecp'gpj cpeg'hwtpegu'ghlekpe { ."tgf weg'qr gtcvkpcn'equu."cpf "gzv'pf "vj g'rh'gur cp'qh'vj g' eqqrkpi "u'vgo 0'U'uggn'r tqf wevtu'y j q'r tkqtkk'g'y cvgt's wvkv { "eqv'qn'pq'v'qpn { "ko r tqxg'vj g'uchv' { "cpf " tgrkcdk'k' { "qh'vj gkt'qr gtcvk'qpu'dw'cnu'cej k'x'g'o qtg'uwv'k'p'cd'g'r tqf wevkqp'd { "ny gt'kpi "tguq'weg' eqpuwo r vkp'0' cpf "tgf wekpi "gpxk'qpo gpv'ci'ko r cev'0' K' eqpen'v'k'qpu."y cvgt'r tqr gt'v'ku'ctg'pq'v'o gtgn' v'ej plecn'f g'v'ku'v'j g { "ctg'x'kcn'h'cev'qtu'kp'qr vko k' kpi "GCH'r gthqto cpeg'cpf "g'pwtkpi "vj g'uwv'k'p'cd'k'k' { " qh'uggn'r tqf wevkqp'qr gtcvk'qpu'0

**Keywords:** 'Grgextle'Cte'Hwtpegu.'y cvgt.'eqqrkpi 'u'vgo u'0

#### ÖZET

Grgm'kni'ctni'qecmct, "GCH'ctg' hmpf co gpvci'kp'o qf gtp'uggn'r tqf wevkqp.'y j gtg'j ki j 'vgo r gtcwtgu'ctg' pgeguuct { 'vq'o gm'uetcr 'b gvcn'ghlekpvni 0Vq'o cpci g'vj gug'gzvtgo g'vgo r gtcwtgu'cpf 'rtgxgpv'gs vkr o gpv' f co ci g.'eqqrkpi 'r cpgn'ctg'kpucmgf 'y kj kp'vj g'hwtpegu'utwevtg0'Y cvgt'ku'vj g'r tko ct { 'o gf kwo 'wugf 'vq' eqqn'ij gug'r cpgn.'cpf 'ku'ej ctcevgtku'eu'weje 'cu'eqpf wevkvk'.'r J . 'j ctf pguu'cpf 'ercpcrkpguu'uki plhlekcpv'k' kphwvpeg'eqqrkpi "ghlekpe { "cpf 'vj g'ngpi g'xkv { 'qhi'vj g'gs vkr o gpv'0'J ki j /s wvkv { 'y cvgt'j gr u'vq' g'pwtg' ghlekpv'j gcv'tcpuhgt'cpf 'o kpk k' gu'tkumi'cuuekcvf 'y kj 'uecrkpi 'cpf 'eqttqukqp'ORqt'y cvgt's wvkv { ."qp' vj g'q'vj gt'j cpf . 'ecp'igcf 'vq'uecng'dwrf wr . 'y j kej 'kpuwv'gu'j gcv'cpf 'f getgcugu'vj g'eqqrkpi 'r gthqto cpeg'qh' vj g'rcpgnu'0'Uecng.'r tko ctkn { 'f vq'v'j ki j "o kpgtci'eqv'v'kp'vj g'y cvgt.'hqto u'cp'kpuwv'kpi 'rc { gt'vj cv' f kutwr ul'j gcv'f ku'kr cvkqp.'ecwukpi "vj g'hwtpegu'v'qr gtcv'cv'j ki j gt'vgo r gtcwtgu'cpf 'kpetgcukpi "gpgti { " eqpuwo r vkp'0' Cf f kkpqcm { ."ko r tqr gt'y cvgt'r J " cpf "j ki j "rgxgn' qh'f ku'q'rgf "qz { i gp'eqv'kdwg'vq' eqttqukqp.'y j kej 'y gcn'g'vj g'utwevtg'qh'eqqrkpi 'r cpgn'cpf 'uj qtvgpu'vj gkt'qr gtcvkpcn'rh'gur cp'0'Qxgt' vko g.'vj gug'ku'wgu'ecp'gucrcvg.'tgumn'kpi "kp'htgs vgpv'o c'kpvg'p'peg.'equu { 'tgr cktu "qt'gxgp'wpzr gev'f " uj wf qy pu' qh'vj g'hwtpegu'0'Vj gtghqg.'eqpukv'v' o qpkqtkpi "cpf "tgi wv'v'k'qh'y cvgt'r tqr gt'v'ku'ctg' etwekr'0'K r ngo gpv'kpi "c'eqo r tgi gpuk'x'g'y cvgt'o cpci go gpv'utcv'i { "vj cv'kpen'f gu'tgi wct'cpcn'ku'cpf " vtgcvo gpv'ecp'gpj cpeg'hwtpegu'ghlekpe { ."tgf weg'qr gtcvkpcn'equu."cpf "gzv'pf "vj g'rh'gur cp'qh'vj g' eqqrkpi "u'vgo 0'U'uggn'r tqf wevtu'y j q'r tkqtkk'g'y cvgt's wvkv { "eqv'qn'pq'v'qpn { "ko r tqxg'vj g'uchv' { "cpf " tgrkcdk'k' { "qh'vj gkt'qr gtcvk'qpu'dw'cnu'cej k'x'g'o qtg'uwv'k'p'cd'g'r tqf wevkqp'd { "ny gt'kpi "tguq'weg' eqpuwo r vkp'0' cpf "tgf wekpi "gpxk'qpo gpv'ci'ko r cev'0' K' eqpen'v'k'qpu."y cvgt'r tqr gt'v'ku'ctg'pq'v'o gtgn' v'ej plecn'f g'v'ku'v'j g { "ctg'x'kcn'h'cev'qtu'kp'qr vko k' kpi "GCH'r gthqto cpeg'cpf "g'pwtkpi "vj g'uwv'k'p'cd'k'k' { " qh'uggn'r tqf wevkqp'qr gtcvk'qpu'0

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

{cnv,o "nevo cp,"qmw wtcteni'gpgtlk'v'Angwo kpk'ctvt,t0Gnd'qrctem"w{i wpuw' "uw'Rj),"xg" { Amgni±¼ Äpo Ä " qmklgp"ugxk{grgtk'mqtq| {qpc"pgf gp"qmw="dw'fc" | co cprc"uq wo c"r cpgngtkpkp" {cr ,ucn'dÄvÄpnÄ ÄpÄ" | c{,hrvcteni' mwrp,o "¾o tÄpÄ" mucn,t0 Dw' uqtwpct." | co cprc" u,m' u,m' dcmo " {er ,mo cu,p,. " o crk{ gvk' qpct,o met,"xg{c'qec ,p'dgmmpo gf kni' gnkf g'f wf wtwm cu,p,'i gtmktgdkt0Dw'pgf gprg.'uw¾4 gnknngtkpkp" uÄgmik'k' rpo guk'xg'f Ä gprpo guk'j c{cvk¾pgo "vc ,t0F Ä gprk'cprk' "xg'ct,vo c{ ,kgtgp'ner uco n'dk'uw' {¾pgo k' utcvglkuk" qec ,p" xgto rkk kpk' ctv,tedkt." qr gtcu{qpgn' o crk{ gwgtk' f Ä Ägdkt" xg" uq wo c" ukngo kpkp"¾o tÄpÄ'w' cvcdkt0Uw'nerkgulpg'¾pegrknixgtgp'±grkn'Ägvlekgtk"qr gtcu{qprct,p,p'i Äxgprk kpk' xg"i Äxgpkkrk kpk'ctv,to cmc"nemo c| ."c{p," | co cpf c"nc {pcn'v'Angwo kpk' f Ä Ägtgn'xg" ±gxtgugri'gnk{k' c| cncteni'f ej c'uÄf Ä Ägdkt'dk'Ägwo "uc mt0Uqpw±'qrctem'uw¾4 gnknngtk'ucf geg'vgnpknc {t,pv,ret'f g kn" GCQ"r gthto cpup,"qr vko k' g'gvo gnixg"±grkn'Ägwo "qr gtcu{qprct,p,p'uÄf Ä Ägdktkrk kpk'uc no cmk±p" mtkn¾pgo g'ucj kr 'hcn¾4ngtf kt0'

**Anahtar Kelimeler:** "Grgmtknictni'qec ,."uw"uq wo c'ukngo rgtk0'

III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

BAL ARILARINDA VARROVA MÜCADELESİ  
VARROVA FIGHT IN HONEY BEES

Süher İşlek

Quo cplq g'Mqt mw'Cvc ©pkxgt ukvguk "Quo cplq g.'VÄtnkq g"  
222;/222;/;/765;/257"

Dr. Öğr. Üyesi Alaeddin YÖRÜK

Quo cplq g'Mqt mw'Cvc ©pkxgt ukvguk "Quo cplq g.'VÄtnkq g"  
2222/2225/42; :/668: "

ÖZET

F Äp{cf c't,e,ret,p'hqtmwwtÄ{cu,"j crkpg'i grnp.den'ct,u,'r ctc| kk'qrep'xcttqxc'f gutwevtöwp'den'ct,ret,pc' ucrf ,tcp'xg'qprctrc'dgungpp'dk'f, 'r ctc| k'cnet,f,t'xgfÄp{cp,p'gp'| cctcn,'den'ct,u,'| cctcn,ret,pf cp'dk'kf k'0' .. pgo nk'dk'cnet'kürku,. 'i gpgnkmg'uqpdj ct,p'uqwpf cp'kmcdj ct,p'dc ,pc'hcf ct'dk'den'ct,u,'hmqpkukp'k' 3/4Äo Äpg"q'nc'ct0Xcttqc'cnet,'k'p'k' 3/4pg'ko 'qmo cf cp.'den'ct,u,'hmqpkukp'k',no cp'kmo rgtf g'i gpgnkmg'4' k'c"5" { ,n'k'p'f g'±3/4ngt'0'Dw'cnet'ct. "dcv,"den'ct,u,"qrep'Cr ku'o gnk'gtc" xg"Cu{c'den'ct,u,"qrep'Cr ku' egtcpc}{ ,kürku'gf gdlk'0'

Xcttqc'ekpukf gnk'cnet'ct,p'ct,ret,c'r ctc| k'ngpo g'k'p'g'xcttqql 'f gpk'0'Xcttqc'cnet,"{ cnp,| ec'dk'den'ct,u,' hmqpkukp'f'±q c'ndk'k'0'ct,p,p'xÄw'f wpc" { cr, ,t'xg'ct, { ,| c { ,hrcv,t0'VÄt.'f ghqto g'h'pcv'xk'ÄuÄ'F Y X+' i kd'k'TP C" xk'Äungtk'f g'f c'j k' qmo cni' Ä' gtg'gp' c' | " dg " | c { ,hrcv,e, "ct," xk'ÄuÄp'Äp" xgm'3/4Äf Ät" 0"Xcttqc' cnet.,'ct,e,n'mlugm'3/4Äpf g' o vj vgo grnp" gp' dgrki k'p' g'ngp'qo km' g'vnk'g' ucj k' " qrep" r ctc| k'k'k' xg" f Äp{c' ±cr ,pf c'f c'j c' { Äung'ct,'ne { ,r ret,pc'ncvmf c'dw'wpcp'±qni'uc { ,f c'ut gu'hcm'3/4Äpf gp'dk'kf k'0'¥ qni'uc { ,f c' pgf g'p'f gp'dk'k'q'ctenif c'uw'±rpo , v,t'0'

Xcttqc.'den'ct,ret, { n'k'k' nk'p'f k'k'p'p'r ctc| k'k'ni'o gl quki o c'vcp'cnet'ct,p,p' dk'ek'puk'k'xg" ngp'f k' c'k'guk' qrep'Xcttq'f cg){ g' { g'ng v'k'k'k'0'Ekpu."T qo cn,'dk'dki k'p'xg'ct,e,"qrep'0' ctewa'Vgt g'p'kwu'Xcttq'p'w'cf ,p, " cm , v,t'0'Dk'den'ct,u,'hmqpkukp'k'Xcttqc'cnet'ct, { n'kürku'gf k'p' g'k'f w'wo wpc'xcttqql k'k'c { t,ec." { cpn " q'ctcm'xcttqc'vq/k'f'f g'p'k'0'

Xcttqc'cnet'ct., "3/4 grnkmg'Xcttqc'f gutwevt'vÄÄ". "retxc'xg{c'r w c" gxt g'k'p'f gnk'ct,retc'h'pcv'f ghqto g' xk'ÄuÄ'F Y X+'i kd'k'j cucn'mct,'dw'c v,to c'h'cdk'k'k' g'vgt'k'p'g'f g'p'k'f r'g'f Äp{c'±cr ,pf c'den'ct,ret,'k'p'gp'dÄ{ Äni' | cctcn'q'ntem'dk'k'p'o gmg'f k'xg'dw'f w'wo 'r w cnet,p'3/4Äo Äpg'xg{c'ek'f f k'f ghqto cu{ qpc'w tco cu,pc'p'g'f gp' qmo cmcf ,t(Dw'±cn, o co ,| 'xcttqxc'f gutwevt'Äp'Ä'xg'xk'Äungtk'ur gmtwo retf cp'hc { f c'ncpcten'ct,'h'q'xcp, " f , ,pf c'ko j c'gf k'p'g'k'co c'±rpo cmcf ,t(D'3/4 r'geg'den'ct,u,'f Ä o c'p'ct,p,'ct,'h'q'xcp, "f , ,pf c' { qni'gf k'p' g'k' f Ä Äp'Äo gmg'f k'0'

Anahtar Kelimeler:" Den'ct,u," r ctc| k'k' Xcttqxc'f gutwevt. " Den'ct,u," cnet, " Xcttqxc' cnet, Xcttqxc' Rctc| k'k'Xcttqxc'o Äecf g'guk'Ur gmtwo 0

ABSTRACT

Vj g'j' qpg{dgg'r ctcukg'Xcttqc'f gutwevt."y j kej "j cu'dgeqo g'c" pki j vo ctg'hqt'dggmggr gtu'ctqwpf "vj g' y qtrf . 'ku'cp'gzvgtpen'r ctcukle"o kg'vj cv'cwcem'cpf 'hggf u'qp"j qpg{dgg'u'cpf 'ku'qpg'qh'vj g'o quv'j cto hwn' j qpg{dgg'r guu'lp"vj g'y qtrf 0'C"uki pk'hecp'v'o kg'k'p'hguc'k'p'w'wcm' { r'gcf u'v'j'vj g'f gc'y "qh'c"j qpg{dgg' eqmp{ "Itqo "rcvg'hcm'vq'gctn' { "ur tkpi 0'Y kj qw'o cpci go gpv'hqt"vj g'Xcttqc'o kg."j qpg{dgg'eqmp'k'p'u' w'wcm' { 'eqmcr ug'y kj k'p'4'v'5" { gct'u'lp'v'go r gtcv'g'erko cvgu'0'Vj gug'o k'gu'ecp'k'p'hu'vj g'y guv'gtp"j qpg{dgg' Cr ku'o gnk'gtc.'cpf 'vj g'Cukcp"j qpg{dgg.'Cr ku'egt'cpc'0'

ABSTRACT BOOK



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Vj g"r ctcukluo "qh'dggu'd{"o kgu"lp"vj g"i gpwu"Xcttqc"ku'ecmgf "xcttqquku"Vj g"Xcttqc"o kg"ecp"qpn{" tgr tqf weg"lp"cj"j qpg{ dgg"eqmp{"O'K'cweej gu'vq"vj g"dgg)u'dqf {"cpf "y gcmgpu"vj g"dgg"Vj g"ur gekgu"ku"vj g" xgevt"qh'cv'ngcu'kxg"f gdlkckvpi "dgg"xkt wugu."kpenmf kpi "TPC"xkt wugu"weej "cu'f ghqto gf "y kpi "xktwu" \*FY X+Vj g"Xcttqc"o kg"ku'cti wcdn{"vj g"r ctcukg"y kj "vj g"o qu'uki pkkiecp'geppqo ke"ko rcev'qp"vj g" dggnggr kpi "kpf wut {"cpf "ku'qpg"qh'vj g"pwo gtqwu'ut guuqt u'eqpvtkdwvpi "vq"j ki j gt"dgg"mqugu'y qtrf y kf g'O' K'j cu'cnuq"dggp"ko r rkecvgf "cu'qpg"qh'vj g"pwo gtqwu'ecwugu'}

Xcttqc"ku'c"i gpwu'qh'r ctcukke"o guquki o cvep"o kgu'cuuqekcvgf "y kj "j qpg{ "dggu'cpf "ku'r rcegf "kp'ku'qy p" hco knf . "Xcttqkf cg'Vj g"i gpwu'ku'pco gf "chgt'O ctewu"Vgtgpvku"Xcttq. "c"tqo cp"uej qrt"cpf "dggnggr gt'O' Vj g"eqpf kxqp"qh'c"j qpg{"dgg"eqmp{"dglkpi "kphguvf "y kj "Xcttqc"o kgu"ku'ecmgf "xcttqquku" \*cnuq. " kpeqttgevf . "xcttqc'vuku'}

"Xcttqc"o kgu"gur gekm{"vj g"ur gekgu"Xcttqc" f gumwevt. "ctg'hpqy p"vq"dg"vj g'dki i gu'r guu'hqt"j qpg{ dggu" y qtrf y kf g"v'wg"vj gkt "cdkklv{"vq"v'cpuo kv'f kugcugu'weej "cu'y kpi "f ghqto kv{"xktwu" \*FY X+vq" dggu"lp"vj g" rctxcg"qt"r wr c"uoci g. "y j lej "ecwugu"vj g" f gcvj "qt"ugtqwu'f ghqto cvkqp"qh'vj g"r wr cg'Vj ku'uwf {"cko u"vq" f gumq{"Xcttqc" f gumwevt"cpf "xktwugu"qwukf g"vj g"dggj kxg"d{"wukpi "ur gextwo u'Vj wu."k'ku"vj qwi j v"vq" f gumq{"j qpg{ dgg"gpgo kgu'qwukf g"vj g"dggj kxg'}

**Keywords:** J qpg{ dgg'r ctcukg"Xcttqc" f gumwevt. "J qpg{ dgg'b kg. "Xcttqc"o kg. "Xcttqc"Rctcukg. "Xcttqc" eqpvtqn "Ur gextwo O'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DEPREM BÖLGESİNDE NE İSTİHDAMDA NE EĞİTİMDE OLAN GENÇLER (NEET) : MEVCUT DURUM VE POLİTİKA ÖNERİLERİ YOUNG PEOPLE NEITHER IN EMPLOYMENT NOR IN EDUCATION IN THE EARTHQUAKE ZONE (NEET): "CURRENT SITUATION AND POLICY RECOMMENDATIONS"

Gülferah ERTÜRKMEN<sup>1</sup>

<sup>3</sup>Ft0 t0/guk'Mej tco cpo etc "Uv±A" o co 'Opkxgtukguk'I 3/nuwp'W|i wro cn'Drko rgt '[Amgnqmww." Hkpcpu'xg'Dcpnc,e,nmD3/4Ao A 'Mj tco cpo etc . 'VAtnk gO'

<sup>3</sup>QTEK 'KF <j wr u-qlqtekf Qti I222/2225/445; /2463"

Sevim Ezgi İSLAH<sup>2</sup>"

<sup>4</sup>... t0 3/40Ft0'Mej tco cpo etc "Uv±A" o co 'Opkxgtukguk'I 3/nuwp'W|i wro cn'Drko rgt '[Amgnqmww." Hkpcpu'xg'Dcpnc,e,nmD3/4Ao A 'Mj tco cpo etc . 'VAtnk gO'

<sup>4</sup>QTEK 'KF <j wr u-qlqtekf Qti I222/2224/8665/54; Z"

#### ÖZET

8" wdcv'4245"vctkj kpf g"o g{f cpe"i grgp"Mj tco cpo etc "o gtnj r'f gr tgo rgt."VAtnk gO'p"qp"dk"kf g" dA{Ani' {,mo c" {qn'c±o , ."dkprteg"kpucp,p"j c{cv,p,"nc{dgvo gulpg" xg"o kn{qprtec"xcwpc c ,p" {c co " nq wrct,p,p" n3/4mA' dkko f g" f g k o gulpg" pgf gp" qm w w0'F gr tgo kp" ctf ,pf cp" d3/4i gf gnk' gnuqqo kn' hccrk{gvgtk'ugmg{g'w tco cu,"cn{cr ,f cnk'c ,t'j cuctrt'xg'i 3/4f cni crct., "3/4 gnkmg'i gp±'pAhuw'g kko " xg"knkj f co "cpwo ,pf c"ekf f k' qtnwncrc"nct , "nct , {c'd,tcno , v,t0'Dw'±gt±gxgf g."oP g'G kko f g"P g" ukj f co f c"Qncp'I gp±rgtö" \*P GGV+"qrctm'dkkgp'xg" k "i AeA'r k{cucu,"f , ,pf c"ncrcp"i gp±rgt."f gr tgo kp" gnrktk'p'f g'g' g'nf g" {c c{cp"i tw rct'ctcu,pf c" {gt'cm , v,t0P GGV'i gp±rgt."j go "r uknuqu{cnf guvni' gmknkmg'k'j go "f g'k'dwo c'uA'g±rgt'p'f g'het ,nc v,mct,"gpi gmg'p'gf gpk'rg'dA{Anikun'cn,pf cf ,t0' MWT" vtch,pf cp"uc nrcpcni'xgt'ktg."P GGV"i gp±rgt'k "i AeA'r k{cucu,pc'ncv,no "qtcpct., "g kko "ugxk'grgt'xg" {c cf ,mct,"eq tch'f c ,no "i kdk'wpwrtct,"f c'j c'f gw{ n' "dk" gnk'f g'qtvc{c'nu{cecny,t0'

Dw±cn o c."f gr tgo kp"P GGV"i gp±rgt'A' g'k'p' gnk'g'nrktk'p'k'p'egrgo g{k'xg'dw'i twdwp"o gxew'f wwo wpw' ner uco n"dk"dkko f g"cpctk' gvo g{k'co c±ro cmcf ,t0'F gr tgo kp" {qn'c±v , "gnupqo kn' {,mo ,p'xg'uqu{cn' ±3/4m A'p."P GGV"ucvA'p'f gnk' i gp±rgt'p" g kko f gp" xg" k "i AeA'p'f gp" w' cni ncm crct,pc"pcu,n'ncvnc" dwmpf w wpw'gng"cnccni'xg"dw'uA'g±rgt"i gp±rgt'p"o ctw' "ncrf , , "r uknuq'kn'gnrkt'f g g'ng'p'f k'kg'egnk'0' ¥cn , o cf c." MWT"xgt'ktg'k'g' g'k'p'f gp"P GGV"i gp±rgt'p" f go qi tch'ni'r tqh'k'xg" f gr tgo "uqptcu,"k "i AeA' r k{cucu,pc'ncv,no "g kko rgt'cpctk' "gf k'kg'egnk' . "g kko "xg'uqu{cnf guvni'r tqi tco rct,pc'g'k'ko "qrpcmct," kf grgp'egnk'0'Dw'p'nc"dkrkmg."d3/4i gf gnk'o gxew'nu wrct"i 3/4 "3/4p'Ag"cn'pctm'i gp±rgt'p" g kko "xg{c" knkj f co c" f c'j kn'qm crct,p,"uc nco cni'cf ,pc"cv,mo cu,"i gtgnrp"cf ,o rctc" {3/4gr'kn' w'i wrpcdkk" r qrkkn" 3/4gt'ktg'p'p'w'w' cu,"f c'j gf g'ng'p' gmgf k0'

Anahtar Kelimeler:" ukj f co ."P GGV."F gr tgo "D3/4i guk0'

#### ABSTRACT

Vj g'Hedtwtct{ '8.'4245" gctvj s weng'kp'Mej tco cpo etc "ecwuf 'f gxcuc'k'p'p'grxgp'r tqxk'pegu'qh'Vwtng{ ." nknkpi "vj qwucpf u'qh'r gqr ng"cpf "tcf lecm{ "ej cpi kpi "vj g"nknkpi "eqpf k'k'p'u'qh'o knk'p'u'qh'ekkk' g'p'u'Vj g" f kut wr k'p'qh'geqqo ke'cev'k'k'g'u'k'p'vj g'tgi k'p'p'p'ngy kpi "vj g'gctvj s weng."ugxgt'f co ci g'v'k'p'lt'cut'wewtg" cpf "y cxgu'qh'o ki te'k'p'j cxg'gh'v'j g" {qwp'i "r qr wr'k'p'p'r ct'k'w'rt'nc'k'p'i "ugt'k'wu'ej cmgpi gu'k'p'v'go u' qh'gf wec'k'p'cpf "go r m{ o gp'0'k'p'vj k'i'eq'p'v'z." {qwp'i "r gqr ng'y j q'y g'tg" g'zen'f gf "lt'qo "vj g'rd'qt"o ctngv." npqy p"cu'0'P g'k'j g't'k'p'G'f wec'k'p'p'qt'k'p'Go r m{ o gp'0' \*P GGV+ "y g'tg"co qpi "vj g'i tqw u'vj cv'g'zr g't'kg'p'egf "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

vj g" f ggr gu' ghgewu' qh' vj g' gctvj s weng' P GGV" { qwj "ctg' cv' i tgcv' tkm' f vg' vj gk' r' eni' qh' r u' { ej quqekri' uwr r qtv' cpf " vj g' qduvcengu' vj g' { " hceg' kp' h' kpf kpi " c' l' qd' 0' Vj g' f' c' v' " dg' r' tqxkf g' " d' { " MWT " y kni' r' tqxkf g' " c' " o qtg' " f g' c' k' g' f " r' k' ewt' g' " qh' " P GGV" { qwj " u' r' d' q' t' " o' c' t' ng' v' r' c' t' v' e' k' r' c' v' k' q' p' " t' c' v' g' u' " g' f' w' e' c' v' k' q' p' " r' g' x' g' n' " c' p' f' " i g' q' i' t' e' r' j' k' e' c' n' i' f' k' u' m' k' d' w' k' q' p' 0'

Vj ku' u' w' f' { " c' k' o' u' " v' q' " g' z' c' o' k' p' g' " v' j' g' " g' h' g' e' w' u' " q' h' " v' j' g' " g' c' t' v' j' s' w' e' n' g' " q' p' " P GGV" { qwj " c' p' f' " e' q' o' r' t' g' j' g' p' u' k' x' g' n' { " c' p' c' n' { | g' " v' j' g' " e' w' t' t' g' p' v' u' k' w' e' v' k' q' p' " q' h' " v' j' k' u' i' t' q' w' r' 0' K' y' k' m' ' c' f' f' t' g' u' " j' q' y' " v' j' g' " g' e' q' p' q' o' k' e' " f' g' x' c' u' c' v' k' q' p' " c' p' f' " u' q' e' k' n' i' e' q' m' e' r' u' g' " e' c' w' u' g' f' " d' { " v' j' g' " g' c' t' v' j' s' w' e' n' g' " e' q' p' v' t' k' d' w' g' f' " v' q' " P GGV" { qwj " u' " g' z' e' n' u' k' q' p' " h' t' q' o' " g' f' w' e' c' v' k' q' p' " c' p' f' " v' j' g' " r' d' q' t' " h' q' t' e' g' " c' p' f' " y' k' n' i' c' u' g' u' " v' j' g' " r' u' { e' j' q' m' i' k' e' c' n' i' g' h' g' e' w' u' " q' h' " v' j' k' u' i' r' t' q' e' g' u' 0' Vj g' " u' w' f' { " y' k' n' i' c' p' c' n' { | g' " v' j' g' " f' g' o' q' i' t' e' r' j' k' e' " r' t' q' h' k' g' " q' h' " P GGV" { qwj " c' p' f' " v' j' g' k' " v' g' p' f' g' p' e' { " v' q' " r' c' t' v' e' k' r' c' v' g' " k' p' " v' j' g' " r' d' q' t' " o' c' t' n' g' v' c' h' g' t' " v' j' g' " g' c' t' v' j' s' w' e' n' g' " v' j' t' q' w' i' j' " MWT " f' c' v' " c' p' f' " g' z' c' o' k' p' g' " v' j' g' k' " c' e' e' g' u' u' " v' q' " g' o' r' m' { o' g' p' v' " g' f' w' e' c' v' k' q' p' " c' p' f' " u' q' e' k' n' i' u' w' r' r' q' t' v' r' t' q' i' t' e' o' u' 0' K' p' " c' f' f' k' k' q' p' " k' v' k' u' " c' n' q' " c' k' o' g' f' " v' q' " r' t' q' x' k' f' g' " e' r' r' i' k' e' c' d' n' g' " r' q' r' l' e' { " t' g' e' q' o' o' g' p' f' c' v' k' q' p' u' h' q' t' " v' j' g' " u' g' r' u' " v' q' " d' g' " c' n' g' p' " v' q' " g' p' u' m' t' g' " v' j' c' v' { q' w' p' i' " r' g' q' r' i' g' " c' t' g' " k' p' e' n' f' g' f' " k' p' " g' f' w' e' c' v' k' q' p' " q' t' " g' o' r' m' { o' g' p' v' " c' n' k' p' i' " k' p' v' q' " c' e' e' q' w' p' v' j' g' " e' w' t' t' g' p' v' e' q' p' f' k' k' q' p' u' k' p' " v' j' g' " t' g' i' k' q' p' 0'

**Keywords:** "Go r m { o g p v. " P GGV. " Gctvj s weng' Tgi kqp"

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III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

BİR MİKRO PV SİSTEMİNİN TEKNO-EKONOMİK ANALİZİ: TÜRKİYE'DE BİR VAKA ÇALIŞMASI

Ahmet Serdar YILMAZ

3 Rt qh Ft. 'Mçj tco cpo etc 'UAv±Ä" o co 'Opkxgtukguk 'O Äj gpf karknlg'O ko ct n,niHcnÄnguk 'Grgmt kni' Grgmt qpkni O Äj gpf kark k 'Mçj tco cpo etc . 'VÄtnk gO'
3 QTEK 'K <j wr u-Äqtelç Qti D222/2224/7957/5: 79"

Furkan DİNÇER

F q ±0F t0UAv±Ä" o co 'Opkxgtukguk 'O Äj gpf karkni O ko ct n,niHcnÄnguk 'Grgmt kni Grgmt qpkni O Äj gpf kark k " Mçj tco cpo etc . 'VÄtnk gO'
QTEK 'K <j wr u-Äqtelç Qti D222/2223/89: 9/2: 72"

Oğuz Cem TATAR

UAv±Ä" o co 'Opkxgtukguk 'O Äj gpf karkni O ko ct n,niHcnÄnguk 'Grgmt kni Grgmt qpkni O Äj gpf kark k " Mçj tco cpo etc . 'VÄtnk gO'
QTEK 'K <j wr u-Äqtelç Qti D22; /2224/: 43; /2498"

Mustafa TORUN

UAv±Ä" o co 'Opkxgtukguk 'O Äj gpf karkni O ko ct n,niHcnÄnguk 'Grgmt kni Grgmt qpkni O Äj gpf kark k " Mçj tco cpo etc . 'VÄtnk gO'
QTEK 'K <j wr u-Äqtelç Qti D22; /2225/562: /97; 9"

ÖZET

.. | gv pucpq nw'grgmtkn'qmo cf cp"fc nct,."vgr grgtk" {c {nct,."r ncvrct,"xg"qxcrcr,"u/0 Ät gtnif q c"kg"kt- k-g" {c co c {c"dc mo , vt0Dw'dc npi , ±"uw'xg" {qni kdk'gp" | ctwk'kj vç c±rct,p" {cp,"u,tc"grgmtkn'gpgtluk'pg" f g'xc| i g-kno gl "dk"lj vç c±" {ctcvo cmcf,t0Gp" {cmp" {gtrg ko " {gtk'pg"qrcp'w' emn,niçtv,nlkpucpct,"dw'kugni' xg'lj vç c±cp"o cj two "d,tcmo co cmcf,t±ÄpnÄ'i Äpg "gpgtluk'ucpvtcmgtk'kg" {gtk'pf g'grgmtkn'Ätgo gni±qni' nqrc {f,t0I Äpg "rcpgrgtk'p' mxtwwo "nqrc {n , "dw'lj vç ce,p"±qni'j , | n"dk" gntf g'nct ,ncpcdko guk'k±p" dÄ{ Änidk"cxcpvcl"uc n {qt0

I Äpg "gpgtlk'ucpvtcmgtk' vÄo "f Äp {cf c" {c {i ,prc cp" xg" vgtelç "gf krgp"dk"lj vç c±"j crkpg"i gno k vt0'Dw' ±cn o cf c" Mçj tco cpo etc "k'kpf g"5" nY g"i Ä±" Ätgvp"dk"o kntq"i Äpg "gpgtluk'ucpvtcrk"vcuctrcpo , "xg" xgtkgt'kpegrgpgtgm'upw±ct'cpcrk "gf kro k vt0'Veuct,o f c"j gucr nrcp'f g gtrgt'xg'i Äpegni'grgmtkn'gpgtluk' Hç cvct,"dc" cnpeten'leo qt'kno cp"j gucr mo crct," {cr,m , vt0'Ukugo kp'i gk'kf 3/pÄ "uÄtgrgtk'dgrkt'rgpo k vt0' C {t,ec" mxtwrcp" ukugo kp" ±gxtgugni' gntkgtk'cpcrk "gf kro k "xg" go ku {qrcrct,p" pg"3/ÄÄf g" gpi gngpf k K'f g" i gt±gmç vktro k vt0'

Anahtar Kelimeler: "I Äpg "Gpgtluk "Hqvxqncn'Rcpgn" Mçj tco cpo etc 0' "

ABSTRACT

J wo cp"dgkpi u'j cxg"uctvçf "vq"rkxg"kpvtçy kpgf "y kj "pcwtg"d { "gzt r'k'kpi "o qwpvçku"j knu."r ncvçwu" r ncvçwu"cpf "r nçpu"y kj qw'grçvçkçk' {0'Vj ku'dgi kppki "etgçvç"cp"kp'kur gpucdng"pggf "hçt"grçvçkçn' gpgti { "kp"cf f'kkqp"vq"vj g"o quw'pgeguçt { "pggf u'uwej "cu"y cvçt"cpf "tqcf uVj g"f kucpeg"vq"vj g"pgctguv' ugwgo gpv'pq'çipi gt'f gr tkxgu't gqr nç'qh'vj ku'f gukt'ç'p'f "pggf 'dçecwug'k/ku'xgt { 'gcu { 'vq'i gpgtcvç'grçvçkçk' " qp/ukg"y kj "uqrcr"r qy gt"r nrcpu0'Vj g"gcug"qh'kpuçmçvçk'q'qh'uqrcr"r cpçni'r tqxkf gu'c"i tçcv'cf xcpvci g"kp" qt'f gt"vq"o gg'vçy ku'tgs vktgo gpv'xgt { "s vlem {0"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Uqırt'r qy gt'r mpv'j cxg'dgeqo g'c'y kf gur tgc'f 'cpf 'r tghgtgf 'pgeguıv' 'cm'qxgt'vj g'y qtrf 0'k'vj ku'ıwıf { ." c'o letq'ıqırt'r qy gt'r mpv'r tqf vepı "5"mY g'r qy gt'kp'Mej tco cpo ctcu'r tqxlpeg'y cu'f guki pgf "cpf 'vj g' f cv'ıy gtg'gzco kpgf "cpf 'vj g'tguııı'y gtg'cpcn' | gf 0'F gr tgekvıq'ecreıwıvıqıpu'y gtg'o cf g'dcugf "qp'ıy g' xcmıgu'ecreıwıvıf "kp'ıy g'f guki p'cpf "ewttgp'ıgıevılecn'ıpgtı { 'r tılegu'0T gıwıp'r gıtkıf u'qıh'ıy g'u'ıwıgo 'ıy gtg' f gıgto kpgf 0'k'cf f kıqı. 'ıy g'gıpxkqıpo gıpcıko r ceıu'qıh'ıy g'kpuıcmıf "u'ıwıgo 'ıy gtg'cpcn' | gf "cpf 'ıy g'gzıgpı' vı'ıy j kcj "go kıkıpu'ıy gtg'r tıgxıgpıvıf 'ıy cu'cıuıq'tıgeııı' gf 0"

**Keywords:** "Uqırt'Gıgtı { . 'Rj qıvıxıqıııckıe'ıepıgn'Mej tco cpo ctcu"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ELEKTRİKLİ ARAÇ VE BATARYA SİSTEMİ İLE ENTEGRE FV SANTRALİ: TÜRKİYE'DE BİR VAKA ÇALIŞMASI

**Furkan DİNÇER**

F q±OF tOUv±Ä" o co "Opkxgt ukvguk 'O Äj gpf kurkn'O ko ct nmiHcnÄnguk 'Grgmt kniGrgmt qpkni'O Äj gpf kurk k"  
Mcj tco cpo etc . 'VÄtnk gO'

QTEK "KF <j wru-1qtekf Qti I222/2223/89: 9/2: 72"

**Ahmet Serdar YILMAZ**

Rt qlOF tOUv±Ä" o co "Opkxgt ukvguk 'O Äj gpf kurkn'O ko ct nmiHcnÄnguk 'Grgmt kniGrgmt qpkni'O Äj gpf kurk k"  
Mcj tco cpo etc . 'VÄtnk gO'

QTEK "KF <j wru-1qtekf Qti I222/2224/7957/5: 79"

**Mustafa TORUN**

UÄv±Ä" o co "Opkxgt ukvguk 'O Äj gpf kurkn'O ko ct nmiHcnÄnguk 'Grgmt kniGrgmt qpkni'O Äj gpf kurk k"  
Mcj tco cpo etc . 'VÄtnk gO'

QTEK "KF <j wru-1qtekf Qti I222; /2225/562: /97; 9"

**Oğuz Cem TATAR**

UÄv±Ä" o co "Opkxgt ukvguk 'O Äj gpf kurkn'O ko ct nmiHcnÄnguk 'Grgmt kniGrgmt qpkni'O Äj gpf kurk k"  
Mcj tco cpo etc . 'VÄtnk gO'

QTEK "KF <j wru-1qtekf Qti I222; /2224/: 43; /2498"

#### ÖZET

Grgmtknk'ctc±rct,p"mwncp,o , "f Äp{cf c" qrf w w'i kdk'VÄtnk{gf g" f g" {c{i ,prc o c{c"dc rcf ,O'Grgmtknk'  
ctc±rct,p"gp"dÄ{ Äni'cxcpvl, "hquki{cmvñ"ctc±rct"i kdk'±gxtg{g'vçj f k'qmw wto co cu,f ,t0C {t,ec"grgmtknk'  
ctc±rct"kvçp" {cpo cn"ctc±rctc"i ¾4g"±qñif cj c"cl "r ct±c"ktgto gmg"xg"demo "o crk{gvçtk'±qñif cj c"f Ä Äni'  
qm cmcf ,t0'Grgmtknk'ctc±rct,p"dk" f k gt"cxcpvl, "kug" {cpo c" k rgo k' qm cf , , "k±p"EQ4" go ku{qpwpwp"  
qm co cu,f ,t0Dw±cn o cf c. "c±,m{ctcl kf g'mwtwv'dk"RX"Ät gko "gukupf gp'i Ä±'cncp"grgmtknk'ctc±rct"kvçp"  
dk" cti"kuçuf qpw"vcutrcpo , vt0'C {t,ec"vukug" Ätgvçp"grgmtkn'gpgtlkukp"mwncp,m c{cp"muo ,p,p"  
gdng{g"cmct,m cu, "xg"i grk"gf g"gf ko guk'co c±rcpo , vt0'C {p, | co cpf c"dw" cti"kuçuf qpwpwp"HX"  
ukngo kp"grgmtkn'Ätgo gf k ki geg"uccvçtkp{gf g"j k o gvçtgdmo guk'kvçp"dcvt{crt"mwncp,m , vt0'

**Anahtar Kelimeler:** "I Äp "Gpgtlkuk"."Grgmtknk'ctc±". "O crk{gvCpcrk k". "VÄtnk g"

"

#### ABSTRACT

Vj g"wg"qh'grgevtle"xgj kergu"j cu"dgeqo g"y kf gur tgc f "kp"Vwtnk{g"cu"y gmi"cu"kp"vj g"y qtrf O'Vj g"o ckp"  
cf xcpwi g"qh'grgevtle"xgj kergu"ku'vj cv'vj g{ 'f q'pqvr qug"cy' tgecv'q'vj g'gpçkqpo gpv'cu'hquki'hvçri'xgj kergu'  
k'cf f kçp. "grgevtle"xgj kergu'eqpvçk'ht'hgy gt'r ctu'vj cp'kpçtpricqo dwçkq'xgj kergu'cpf "o ckvçpçepg"  
equu'ctg"o vej "hgy gt0Cpqy gt'cf xcpwi g"qh'grgevtle"xgj kergu"ku'vj cv'vj gtg'ku'pq"EQ4" go kuçkq'kvçpç"vj gtg"  
ku'pq"eqo dwçkq"r tqeguu' k'vj ku'uwf { . "c"ej cti kpi "ucvçkq"ht"grgevtle"xgj kergu"r qy gtgf "d{ "c"RX"  
i gpçtçkq'r rcpv'kpuçmçf "qp'qr gp'rcpf "ku'f guki pgf O'k'cf f kçp. 'k'ku'çko gf "v'v'çpçhgt"vj g'vpwçf "r qtçkq"  
qh'vj g'grgevtleçni'gpçti { 'i gpçtçvçf "kp'vj g'r rcpv'q'vj g'i tkf 'çpf 'i gpçtçvç'lpeqo g0Cv'vj g'çco g'çko g. 'dcvçtkgu'  
ctg"wg"v'q"gpçdng"vj ku'ej cti kpi "ucvçkq"v'ugtçg"cv'pki j v'j qvtu'y j gp"vj g"RX"u{vçgo "ku'pqv'i gpçtçkpi "  
grgevtleçkç{0

**Keywords:** "Uçrt'Gpçti { . 'Grgevtle'Xgj kerg. 'Equ'v'çpç{uku. "Vwtnk{g"

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#### TÜRKİYE FİNANS SEKTÖRÜNDE SÜRDÜRÜLEBİLİRLİK: YEŞİL FİNANSMAN VE BANKACILIĞIN GELECEĞİ SUSTAINABILITY IN THE TURKISH FINANCE SECTOR: GREEN FINANCE AND THE FUTURE OF BANKING

Sevim Ezgi İSLAH<sup>2</sup>

<sup>3</sup> t0 ¼0Ft0'Mcj tco cpo ctc "UAv±A" o co "Opkxgt ukxguk 'T ¾mwp'Wfi wrc o cn,'Dtko rgt '[ Åmugnqmww." Hkpcpu'xg'Dcpnæ,nmD'¾Åo Å 'Mj tco cpo ctc . 'VÅtnk' gO'

<sup>3</sup>QTEK 'K' <J wru<¼qtef Qti I222/2224/8665/54; Z"

Gülferah ERTÜRKMEN<sup>2</sup>

<sup>4</sup>Ft0' t0{guk'Mcj tco cpo ctc "UAv±A" o co "Opkxgt ukxguk 'T ¾mwp'Wfi wrc o cn,'Dtko rgt '[ Åmugnqmww." Hkpcpu'xg'Dcpnæ,nmD'¾Åo Å 'Mj tco cpo ctc . 'VÅtnk' gO'

<sup>4</sup>QTEK 'K' <J wru<¼qtef Qti I222/2225/445; /2463"

#### ÖZET

mko "f g k knk k'xg"±gxtgugn'ugtwpct."f Åp{c"i gpgkpf g"qif w w'i kdk'VÅtnk' gO' g" f g"hkpcpu'ugm¾4ÅpÅ uÅtf Å Årgdkrt rkm'qf cm,"dk'f¾pÅ Åo g" {¾pgrpf kto gmgf k0Dw'dc rco f c."VÅtnk' gO' g" { g k'hkpcpuo cp'xg" uÅtf Å Årgdkrt "dcpnæ,nm'wfi wrc o crct., "±gxtg" f quw'r tqlgrtgk "hkpcpuo cp,p,"uc rco cni'xg'w' wp"xcf grk' nempoc' j' gf ghrgtkpg'wrc o cni'cf ,pc'i kf gtgn'¾pgo 'hæ| cpo cmcf ,t0Dw'dkrf ktk" { g k'hkpcpuo cp,p'VÅtnk' g" hkpcpu'ugm¾4Åp' gnk'gnkrgtkp'k'xg"uÅtf Å Årgdkrt "dcpnæ,nm'wfi wrc o crct,p,p"gnupqo k'g"qrcp'nevmet,p," kpegrgo g{k'co c±ro cmcf ,t0

VÅtnk' gO' g" { g k'hkpcpuo cp."nctdq" go ku{qpwpw'c| cmo c{c."gpgtlk'xgkto rtk kpk'ctv,to c{c'xg" f q cni' ne {pemet," nqtwo c{c" {¾pgrkn' r tqlgrtg" hqp" uc rpo cu,p," vg xkn' gf gp" hkpcpuen' etc±" xg" utcvlgkrgtk' ner uco cmcf ,t0[ g k'icj xkrgt."uÅtf Å Årgdkrt "ntgf k'o qf gmgk'xg"±gxtgugn'gnkuk' { Åmgnir tqlgrtg" {¾pgrkn' {cv,t,o "hqrct,"i kdk'hkpcpuen'Å Årgt."VÅtnk' gO' g" go 'hæo w'j go "f g'¾4 grlugm¾4" {cv,t,o rct,p,"±gxtg" f quw' r tqlgrtg" {¾pgrpf kto gmgf k0Dw' vÅ" hkpcpuo cp" etc±ct., "VÅtnk' gO' k' mko "f g k knk k' r g" o Åecf grg" j' gf ghrgtkpg" wrc o cu,pc" xg" mÅt gugn' uÅtf Å Årgdkrt" nempoc" ±cdcrct,pc" nevmet" c" dwmpo cu,pc" qrcpen' uc rco cmcf ,t0

Dw±cn o cf c."VÅtnk' gO' g" { g k'hkpcpuo cp" wfi wrc o crct,p,p'dcpnerct'xg'hkpcpuen'hwto rct'k'p'wmpf w w' htucvct'xg" | qtnwmet' f gvc{n" qrcctm'grg"enpcecm,t0¥cn o cf c" c{t,ec."±gxtgugn" uqu{cni'xg" {¾pgrk ko " \*GUI +ntkgrtgk'p'VÅtn'hkpcpu'ugm¾4Åp' gnk' {cv,t,o "nctctct,pc"qrcp'gnkuk'dcpnerct,p"tkun' {¾pgrk ko utcvlgkrgtk'p' gnk' tqnÅ" xg" dw' ntkgrtgk'p" m'tn, c" {cpu,o crct," f g gtrgpf k'kgemk0' [ g k' hkpcpuo cp,p" VÅtnk' gO' p' hkpcpuen' r gthqto cpu,"xg"gnupqo kn'dÅ' Åo gulpg'nevmp,p,p" {cp,"u,tc"±gxtgugn'xg"vqr nwo ucn' h{ f crct," f c"xwti wrcpcecm,t0Uqp"qrcctm"uÅtf Å Årgdkrt "dcpnæ,nm'xg" { g k'hkpcpuo cp" r qrkncrct,p,p" VÅtnk' g" hkpcpuen'ukugo k'xg" gnupqo k'p'p" i greg' k'p' g"pcu,n'dk"tqn'q {pc{cdkrg'eg' k'p'g" f ckt"¾4 Årgt" uwpwrecm,t0

Anahtar Kelimeler: "Hkpcpu". "UÅtf Å Årgdkrt rkm" [ g k'hkpcpuo cp0'

"

#### ABSTRACT

Erko cvg'ej cpi g'cpf "gpxkqpo gpvcnr' tadrigo u'ctg'f tkxkpi "vj g'hkpcpekn'ugevqt'kp"Vwtng{."cu'kp'vj g'tguv'qhi' vj g" y qtrf ."vy ctf u" c" uwucpkcdk'k' /qtkpvgf "wcpuhqto cvkqp0' k'p" vj ku' eqpvz" i tggp' hkpcpeg" cpf " uwucpkcdng" dcpnki " r tcevegu" ctg" dgeqo kpi "kpetgcukpi n" "ko r qtwcpv'kp" Vwtng{ "kp" qtf gt" vq' hkpcpeg" gpxkqpo gpvcn' h'kgpf n' r tqlgew'cpf 'bej k'xg' h'qpi /vgo "f g'xgqr o gpv' qenu0Vj ku' r cr gt'cko u'vq'cpcn' | g"

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vj g'lo r cev'qh'i tggp'hkpcpeg'kp'vj g'Vwtmkuj "hkpcpekn'ugevqt'cpf 'vj g'eqvtdkdwkqp"qh'uwxkpcdng'dcpnkpi " r tcevegu'vq'vj g'geqqo {0

Kp'Vwtng{. 'i tggp'hkpcpeg'gpeqo r cuugu'hkpcpekn'kputwo gpv'cpf 'utcvgi kgu'vj cv'gpeqwtci g'vj g'hwpf kpi " qh'r tqlgevu'clo gf "cv'tgf vekpi "ectdqp"go kukapu "kpetgculpi "gpgti {"ghlelgepe{"cpf "eqpugtckpi "pcwtcn' tguqwtegu'0Hkpcpekn'r tqf wew'uwej "cu'i tggp'dqpf u'uwaxkpcdng'etgf k'o qf gru "cpf 'kpxguo gpv'hwpf u'hqt" r tqlgevu' y kj " j ki j " gpxkqpo gpvcn'ko r cev'ctg' f ktgevkpi "dqyj " r wdile" cpf " r tkxcvg" ugevqt" kpxguo gpv' vqy ctf u' gpxkqpo gpvcn' "htkpf n' " r tqlgevu'kp"Vwtng{0Uwej "hkpcpeki "kputwo gpv'gpcdng"Vwtng{"vq" cej kxg'ku'erko cvg'ej cpi g'o kki cvkqp'i qcn'cpf "eqvtdkdwg'vq'i nqcn'uwaxkpcdng'f gxnqr o gpv'ghqt u0

Kp'vj ku'uwf {"vj g'qr r qtwpkkgu'cpf "ej cnrpi gu'r tggp'vj g'Vwtmkuj "hkpcpekn' r tcevegu'kp"Vwtng{"hqt" dcpmi'cpf "hkpcpekn'kputwo'kpu'y kn'dg'f kweuuf "kp'f gckl'Vj g'uwf {"y kn'cuq'cuugu'vj g'ko r cev'qh' gpxkqpo gpvcn' uqekn'cpf "i qxgtpepeg"\*GUI +etkgtk"qp" kpxguo gpv'f gekukapu'kp'vj g'Vwtmkuj "hkpcpekn' ugevqt. 'vj gkt' tqr'kp'dcpmi)tkunb cpci go gpv'utcvgi kgu'cpf 'vj gkt'ko r cev'qp'r tqhscdkk{0Vj g'eqvtdkdwkqp" qh'i tggp'hkpcpeg'vq"Vwtng{u'hkpcpekn'r gthqto cpeg"cpf "geqqo k'e"i tqy vj "cu'y gni'cu'ku'gpxkqpo gpvcn' cpf "uqekn'dgpghku'y kn'dg"go r j cul gf 0Hkpcm{. "k'y kn'r tqxf g'kpuki j u'qp"vj g'tqr'vj cv'uwaxkpcdng' dcpnkpi "cpf "i tggp'hkpcpeg'r qtekgu'ecp'r m{"kp'vj g'hwtg'qh'Vwtng{u'hkpcpekn'u' ugo "cpf "geqqo {0

**Keywords:** "Hkpcpeg". "Uwaxkpcdkk". "I tggp'Hkpcpeg0

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#### SÜRDÜRÜLEBİLİR LİDERLİK İLE SÜRDÜRÜLEBİLİR PERFORMANS ARASINDAKİ İLİŞKİ ÜZERİNE BİR META ANALİZ ÇALIŞMASI A META-ANALYSIS ON THE RELATIONSHIP BETWEEN SUSTAINABLE LEADERSHIP AND SUSTAINABLE PERFORMANCE

Selen UYGUNGİL-ERDOĞAN<sup>3</sup>

<sup>3</sup>F q±F t0'Quo c p k g' M q t m w' C v' © p k x g t u k g u k' M c f k r k' W { i w r o c n' D r k o r g t' H c n' A n g u k' T g m t g c u l' q p' [ 3 / p g v k o k' D 3 / 4 A o A' ' Q u o c p k g' . V A t n k g O' "

<sup>3</sup>QTEK' K' < j w r u - l q t e k f Q t i I 2 2 2 2 / 2 2 2 4 / 9 ; 3 8 / 3 9 2 ; 3 ' ' "

Onur OKTAYSOY<sup>4</sup>

<sup>4</sup>F t 0' t 0 { g u k' M c l m c u' © p k x g t u k g u k' m k u c f k' x g' f c t k' D r k o r g t' H c n' A n g u k' [ 3 / p g v k o' D r k k o' U k u g o r g t k' M c t u' V A t n k g O' "

<sup>4</sup>QTEK' K' < j w r u - l q t e k f Q t i I 2 2 2 2 / 2 2 2 4 / : 8 4 5 / 8 3 6 Z

Ethem TOPÇUOĞLU<sup>5</sup>

<sup>5</sup>F q ± F t 0 I k t g u m p' © p k x g t u k g u k' U k k i' J c x c e , n i n i' A m u g n i m m w w' J c x c e , n i n i' [ 3 / p g v k o k' D 3 / 4 A o A' . ' I k t g u m p' . V A t n k g O' "

<sup>5</sup>QTEK' K' < j w r u - l q t e k f Q t i I 2 2 2 2 / 2 2 2 5 / 5 7 8 5 / 2 7 8 8 ' ' "

#### ÖZET

I ĀpĀo Ā "f Āp{cu,p,p"dc "f³pf Āgp"dk"j ,| c"wr cp"fg k lo "xg"i grk lo rgtk'i kf gtgnic| cnp"ne {pcmt,p" {cp,"u,c"gnqqlm"gnppqo kn'xg"uqu{cn'f ghqto cu{qpw'f c"dgtdgtkpf g"i gkto k vt0'I grgegml'pgukngt" {c cpedkkt" dk" f Āp{c" d,tcno c" uqtwo nww wppw" ne±,p,m c| " dk" gnkf g" qtwc{c" ±,no cu," kg" uĀf ĀĀgdktk'kn' nextco , " i Āp" i g±kn±g" j gt" cnpf c" ngpf kp' i ¾ngto g{g" dc no , vt0' Dw' dc no f c" k rgo grgt" f g" uĀf ĀĀgdktk' k' uc no cn' xg" {¾pgo gml' Ā gtg" hctm," dk" rk' gtrkn' o qf grk' etc{ , ,pc" i kto k rgtf kOP kj c{gkpf g."uĀf ĀĀgdktk' k'p"dc ct,n'qrcten'gr'cnp,r "w'i wrpo cu,"dwuĀgek' {¾pvgegni' pkgrkmg"rk' gtrgtk'i gtmkto gmgf k0'UĀf ĀĀgdktk'rk' gtrkn' o knq" c±,f cp" k rgo grgt" kkp"¾pgo rk'knpp." o cntq" c±,f cp" dcmf , ,pf c" qv nwo w' ki kppf kgp" uqpw±ctrc" f c" krk nkrk k0' UĀf ĀĀgdktk' r gthqto cpu" {cmr ,o , "kg." uĀf ĀĀgdktk'kn' nextco ,p, " r gthqto cpurc" dkrg vtgtgm"¾i Āugn' uqpw±ctrc,p" gnppqo kn" uqu{cn'xg"±gxtgugn'r ctco gvtgrgt" f q twwuwpf c"¾nĀo guk'kēp"dk"±gt±gxg"uwpo cmcf ,t0'Crp" {c| ,pf c." uĀf ĀĀgdktk'rk' gtrkn'nextco , "kg" k rgo grgtk'kp'cpucn' uqu{cn'xg"±gxtgugn'r gthqto cpu,"ctcu,pf c"¾pgo rk' r qj kkh' krk nkg" qf w wpw' i ¾ngtgp" ±cn o crct,p" xctn , .. dw' ±cn o crct,p" o gvc" cpcrk' " {¾pgo k' kg" kpegrpo gukpkēgtgp"dw'±cn o cp,p'±,m "pqmcu,p,"qmw wto cmcf ,t0'Dwhr uco f c'knk'nextco ,p'krk nkukp' kpegrg{gp"dk" o gvc" cpcrk' " {cr cdko gnkēp"23"G' nĀi'4246"kg"47"Gnko "4246"vtkj rgtk'ctcu,pf c"Y gd"qh" Uekpeg."Ueqr wu."Rwdo gf ."RtqS wguv."I qqi rg"Uej qmct."Go gtcif "xgtk'vcdpct,"Ā gt kpf gp": 3"o cnrgr{g" wr ,m , ." Āngttgt" qrcp" 68" o cnrgr" grgpf kngp" uqptc" {cr ,rp" kpegrgo gf g" 7" o cnrgrkp" ±cn o cp,p" co ce,pc"w'i wp'qf w wdgrkrpgo k vt0'Lco qxk'r tqi tco , "kg" {cr ,rp" b gvc/cpcrk' uqpwepf c' uĀf ĀĀgdktk' rk' gtrkn'kg" uĀf ĀĀgdktk' r gthqto cpu"ctcu,pf c"20; 20nmi' { Āugn' f Ā g{f g" dk" krk nkukp' qf w w' vgr k' gf ko k vt0'

Anahtar Kelimeler: "UĀf ĀĀgdktk'kn" "UĀf ĀĀgdktk'rk' gtrkn" "uĀf ĀĀgdktk' r gthqto cpu." o gvc/cpcrk' 0' "

#### ABSTRACT

Vj g'ter kf "r ceg"qh'ej cpi g'cpf "f gxnqr o gpv'kp"vqf c{ 'u'y qtrf "j cu'pqv'qpn' "utckpgf "f y kpf rkpi "tguwtegu" dw'j cu'cnq'ngf "vq"geqni lecn"geppqo le."cpf "uqeknif gi tcf cvkq0Y kj "vj g'kpaxkcdng'tgur qpukdkrk' "vq" rgecxg" c" rxcndg" y qtrf "hqt"hwwtg"i gpgtcvqpu."vj g'eqpegr v'qh"uwuclpcdkrk' "j cu'kpetgcukpi n' "dgeo g"

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r tqo kpgpv'cetqu'cm'herf u0'k'vj ku'eqpvzv'dwukpguugu'ctg'cnuq'kp'ugctej "qh'c'ngcf gtuj kr "o qf gr'vq'gpwtg" cpf "o cpci g" uwukpcdkk'v' g'ng'v'x'gn'0'W'ko c'v'gn'." y'g" uweeguuhw'cf qr'v'kp" cpf "ko r'ngo gpw'v'kp" qh' uwukpcdkk'v' 'pgeguukc'v'ngcf gtuj y'j q'ctg'ecr'cdng'qh'b'cpci kpi "vj ku'r'tqegu'0Y'j kng'uwukpcdkk'v'ngcf gtuj kr " ku'etvelcn'ngt'dwukpguugu'qp" c'o ketq'ng'x'gn'k'cnuq'tgr'v'gu'v'q'qweqo gu'ch'ng'v'kpi "uqekv' "qp" c'o cetq'ng'x'gn'0' Vj'g" uwukpcdkk'v' r'gthqto cpeg" cr r'tqcej ." d{" k'v'gi' t'v'kpi " uwukpcdkk'v' " y'k'j " r'gthqto cpeg." r'tqxf' gu" c" h'co gy'qtm' hqt" o gcuw'kpi " qti'cpk' v'k'q'pcn' qweqo gu' dcugf " qp" geqpqo le." uqekn" cpf " gp'x'k'q'po gp'v'cn' r'ctco g'v'gtu'0Vj'g'gz'k'ng'peg'qh'uwf' l'gu'k'p'vj' g'ng'k'g'c'w'g'v'j' c'v'uj' qy' 'l'ki' p'k'k'ec'p'v'r' qu'k'x'g't'gr'v'k'p'uj' kr' u'd'gy' ggp" uwukpcdkk'v'ngcf gtuj kr "cpf 'dwukpguugu' h'k'p'c'p'ek'n' uqekn' cpf "gp'x'k'q'po gp'v'cn'r' g'g'ng'ng' h'qto u'v'j' g'd'cu'ku' qh' v'j' ku' o g'v'c'p'cn' { u'k'0' V'q' eqpf' vev' c" o g'v'c'p'cn' { u'k' } g'z'co k'p'k'pi " v'j' g' t'gr'v'k'p'uj' kr " d'gy' ggp" v'j' g'ug" v'y' q" eq'p'eg' r'w' ". 3'ct'v'eng'u'y' g't'g't'g'x'g'f' h'qto "Y' g'd'qh'U'ek'p'eg'." U'eq' r'w' "R'wd'0' g'f' "R't'q'S' w'g'u'." I' q'q'i' ng'U'ej' q'rt'." cpf "Go' g't'c'f' 'f' c'v'cd'cu'g'u'd'gy' ggp'U'gr' v'go' d'gt'3. '4246.' cpf "Q'ev'q'd'gt'47. '42460'Ch'ng't'g'z'en'w'f' k'pi '68'f' w'r'k'c'v'g'" ct'v'eng'u." c' h'w'v'j' g't'g'x'k'g'y' "f' g'v'g't'o' k'p'g'f' "v'j' c'v'7" ct'v'eng'u" o g'v'v'j' g'q'd'l'g'e'v'x'g'u' qh' v'j' ku'uw'f' { 0'V'j' g'o' g'v'c'p'cn' { u'k' } eqpf' vev'g'f' "x'k'" v'j' g' "L'co' q'x'k'" r' t'q'i' t'co' " k'f' g'p'v'k'k'g'f' " c" u't'q'p'i' " t'gr'v'k'p'uj' kr " qh' 207; 2" d'gy' ggp" uwukpcdkk'v'ngcf gtuj kr "cpf "uwukpcdkk'v' r'gthqto cpeg0"

**Keywords:** "Uwukpcdkk'v' .uwukpcdkk'v'ngcf gtuj kr .uwukpcdkk'v' r'gthqto cpeg." o g'v'c'p'cn' { u'k'0' "

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#### SÜRDÜRÜLEBİLİR LİDERLİK İLE TUTUMLU İNOVASYON ARASINDAKİ İLİŞKİ ÜZERİNE BİR META ANALİZ ÇALIŞMASI

#### A META-ANALYSIS ON THE RELATIONSHIP BETWEEN SUSTAINABLE LEADERSHIP AND FRUGAL INNOVATION

Onur OKTAYSOY<sup>3</sup>

<sup>3</sup>Ft0 t0{guk'Mclmcu'©pkxgt ukxguk "mkucf k'xg" fct k'Dako rgt 'Hcn'Anguk '[ 3/pgko 'Dak ko 'Uawgo rgt k' Mctu.'V'Atnk'g0'

<sup>3</sup>QTEK 'K' <j wr u-1lqtef Qti I2222/2224/: 845/836Z

Ethem TOPÇUOĞLU<sup>4</sup>

<sup>4</sup>Fq±Ft0I kt gump"©pkxgt ukxguk "UxkiJ cxce,nm[ 'Amugnqmw. 'J cxce,nm[ 3/pgko kD'4A0 A. 'I kt gump." V'Atnk'g0'

<sup>4</sup>QTEK 'K' <j wr u-1lqtef Qti I2222/2225/5785/2788"

Selen UYGUNGİL-ERDOĞAN<sup>5</sup>

<sup>5</sup>Fq±Ft0'Quo cpk'g'Mqt mw'Cvc'©pkxgt ukxguk 'Mcf krk'W{i wco cn,'Dako rgt 'Hcn'Anguk 'Tgmt gc u'f qp' [ 3/pgko kD'4A0 A. 'Quo cpk'g. 'V'Atnk'g0"

<sup>5</sup>QTEK 'K' <j wr u-1lqtef Qti I2222/2224/9; 38/392; 3"

#### ÖZET

M'At gugn'gnupqo kpk'3pA0 A f gnk'qp' { ,mctf c" { A ng o gmf wto wpf c'ncnec , } qtnwmt,p'dk'vctchpfc." i grk o gmg'qrnp' Angrgtf gnk' kpcprct,p"3pgo rk' dk" d'4A0 ApAp" i ,fc." gpgtlk" dct.po c" xg"uc nm'i kdk' crpctf c"vgo gn'kj v'c±ret, "f c" f c j kn'qm cni' A gtg"9/": "o kn'ct"v'Angv'eklp" kj v'c±ret,p,p"met ,mpo cu," dwnpo cmcf,t0Fk gt'vctchc'kug,"dw'dA' A0 gpk'i g' gi gpk'o gxew'nc { pcmct, 'kg'xg'±gxtgugn' ctctc" { qri' c±o cf cp" i gt±gmg v'kro guk' c { t, " dk" o g f cp" qmwo cf ,t0" U'Atf A'Angdk'rkni' nextco ,. " o gxew" pgu'p" kj v'c±ret,p,p" met ,mpo cu," k'p" f q' cni'nc { pcmct" v'Angv'ktngp." i gregm' pgukngtp" ngpf k' kj v'c±ret,p," met ,nc { cdko gu'pk' uc rco c" uqtwo nww wpw' k'cf g" gvo gmgf k'0' J gt" i g±gp" i Ap" 3pgo k' ctvcp" u'Atf A'Angdk'rkni' dk" nextco ,." ucf geg" ±gxtgugn" vq' mo u'ni' xg { c" ugm'4gn' f g' kn'k' rgo grt" dc' , pf c" f c" w' i wco c" crp," dwno cmcf ,t0I ApAo A f g. "u'Atf A'Angdk'rkni' dk" { cr, { c" ucj kr "qm cni'kug' gp" k' rgo grt'p." k'p'xcv'hi' f A' Apeg" { cr, u,pc' xg' A' gko " { 3pgo rgt'p' w' wo w'nc±,p, rco c' | j cng' i gro k' v'0' Nk' gt. "34i A'Ap" u'Atf A'Angdk'rkni' kj v'c±ret, "xg' k'p'xcv'hi' { cmc , o rct, "f q' twnwupf c. " { gpk'k' o qf gmgk' o A' v'gt'krk' nk'gtk' cprc { , , ±cn' cprctc" { 3pgrkn'±34 A0 rgt. "qr gtcu' qpgnk' k' kg' vto grt' xg' h'k'p'ucni'ng' wmet' kg' kn' k'k' utcv'gln' cf, o rct' v'ctem'34i A'Ap' go "u'Atf A'Angdk'rkni' j go " f g' k'p'xcv'hi' dk" { cr, { c' xg' u'Atf g±gt' ucj kr "qm cu, pf c' c'mki' qrcem' { gt" cm cu, " i gtngp" 3pgo rk' wpw' rctf cp" d'k'f k'0' Dw' de rco f c. " w' wp" xcf grk' de ct, { c" xg" u'Atf A'Angdk'rkni' g' qf cm'p'p' r'f g' r'ni' v'et' , p, " k'cf g' gf gp" u'Atf A'Angdk'rkni' g' r'ni' nextco ,. "vAo' r'c { f c' rct, p" j c' v'ct, p, " k' kg' vto gpk' { cp, " u,tc" dk" qti cpk' cu' f qp" k'p" w' wp" xcf grk' net'net' { ctewo c { c" xwti w' { cr o cmcf ,t0Vww' n'w' k'p'xcv'hi' q'p' k'ug. "o k'p'ko wo 'nc { p'ni' v'Angv'ko k'xg' c' cni, m , ±gxtgugn' g' v'kt' ±g' x' g' u' k' p' f c j c' f A' A'ni' dk' "o crk' g' v'g' { g' p'k'k' "o qf gmgk' A' A'p' rgt. " j k' o g' v'gt' xg' u'Atf g±gt' u'wpo cmcf ,t0Nk'gt' v'Atf g' d'gr'krk' dk' "n'upw' f c" { cr , m , " f'ctm' ±cn' o c' rct, p" u'p'w' rct, p, p" q' v'ni' dk' " c' p' r'k' f g' dk' r'g' v'kro guk' xg' ±, net, o rctf c" dwnw'p' cu, "o gvc' c' p' r'k' " { 3pgo k' kg' i gt±gmg v'kro gmgf k'0' Dw' ner uco f c' kn'k' nextco , "net ,nc v'ctp' dk" o gvc' c' p' r'k' " { cr cdko gni' k'p' 47" C w' w' qu' 4246" kg' 36" Gnk' " 4246" v'ct' kj r'gt' c' t' cu, pf c" Y' gd' qh' U'ek'p'eg. " U'eqr wu' R'wdo gf. " R'tqS w'gu. " I' qqi ng' U'ej q' rct. " Go g' t' r'f " x' g' t' k' v' c' d' e' p' r'ct, " A' g' t' k' p' f g' p' 94" o c' n' e' r' g' { g' w' r' , m , . " o A' ng' t' g' t' q' r' e' p' 64" o c' n' e' r' g' g' r' e' p' g' t' g' n' i' { cr, r' e' p' k' p' e' r' g' o g' k' g' 7" o c' n' e' r' g' p' k' ±cn' o c' p, p' co ce, pc' w' i w' p' q' r' f w' w' d' g' r' k' r' g' p' o k' v' t' 0' L'co q' x' k' r' t' q' i' t' c' o , " k' g' { cr, r' e' p' o g' v' c' / c' p' r' k' " u' p' w' e' p' f c" u' Atf A' Angdk'rkni' r' f g' r' ni' k' g' u' Atf A' Angdk'rkni' k' p' q' x' c' u' f q' p' c' t' c' u, p' f c' 207330' r' k' n' i' { A' m' u' g' n' i' f' A' g' f' g' d' k' k' n' k' p' k' q' r' f w' w' g' u' r' k' v' g' f' k' o k' v' t' 0"

Anahtar Kelimeler: "U'Atf A'Angdk'rkni' "U'Atf A'Angdk'rkni' Nk' g' r' k' m' "Vww' n'w' p' q' x' c' u' f q' p. "O gvc' c' p' r' k' 0"

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#### ABSTRACT

Qpg'qh'vj g'ej cmgpi gu'vj g'i mdcn'geappo { 'y kni'fceg'kp'vj g'eqo kpi 'f gecf gu'kpxqrgu'o ggkpi 'vj g'pggf u' qh'9/: "dknkq'eqpuwo gtu 'gur gekcm' cf f tguakpi 'guugpvkn'pggf u'kp'ctgcu'uwej 'cu'hqaf . 'gpgti { . 'j qwukpi . " cpf "j gcmj ectg'hqt" c"uki phtkcpv'r qt'vkap" qh'r gqr ng'kp" f gxgnr kpi "eqwvtkgu'Qp" vj g"qvj gt" ukf g" qh'vj ku' ej cmgpi g'rgu'vj g'lo r gtcvkg'vq'cej kxg'vj ku'i tqy vj 'y kj kp'vj g'iko ku'qh'vj g'r rcpgy'u'gzkukpi 'tguqwtegu" cpf "y kj qw'ecwukpi "gpxktqpo gpvcn'j cto 0'Vj g'eqpegr v'qh'uwxkpcdkrkv' "tghgtu"vq'vj g'tgur qpukdkrkv' "qh' eqpuwo kpi "pcwctn'tguqwtegu"vq"o gg'vj g'pggf u'qh'vj g'r tgu'pv'i gpgtcvkap" y j krg'gpwtkpi "vj cv'hwwtg" i gpgtcvkapu'ecp'cnq'o gg'vj gkt'qy p'pggf u'Uwxkpcdkrkv' . 'y j lej 'j cu'i ckpgf 'kpetgukpi 'ko r qtvcpeg'qxtg" vko g. 'hkf u'cr r rkecvkap'pqv'qpn' "kp" gpxktqpo gpvcn' uqekn'qt'ugevctn'f qo ckpu'dw'cnq'y kj kp'dwukpguu" r tcevegu'0'Vqf c{ . 'hqt'dwukpguu'cko kpi "vq'guvckrkuj "c"uwxkpcdkrkv'utwewtg. 'cnki po gpv'y kj 'kppqxcvkg" vj kpnkpi " cpf " r tqf vevkap" o gvj qf u'j cu' dgeqo g' kpgxkcdrg'0'Ngcf gtu" r r { " c" etk'ekcn' tqrg" d { " cevkg'gn' eqpvtkdwukpi "vq'vj g'qti cpk'cvkap'u'cf qr vkap'qh'uwxkpcdkrkv'cpf 'kppqxcvkg'utwewtgu'cpf 'rtqegu'0'Vj g { " f q'vq'd { "vknkpi 'utcvgi ke'uvgr u'kp'pgy 'dwukpguu'o qf gnu. 'ewuqo gt'tgrcvkapuj kr 'Hco gy qtmu. 'go r mq { gg/ qtkgpvgf 'uqnwkapu'qr gtcvkapcn'lo r tqxgo gvu. "cpf "hkcpekn'eqpf k'kqpu'kp"rkpg'y kj "vj g'qti cpk'cvkap'u" uwxkpcdkrkv' "pggf u'cpf "kppqxcvkg"cr r tqcej gu'0'kp'vj ku'eqpvzv. 'vj g'eqpegr v'qh'uwxkpcdkrkv'rgcf gtuj kr . " y j lej "hqewugu"qp'mpi /vgto "uweegu"cpf "uwxkpcdkrkv' . "go r j cuk' gu'etgcvkpi "mpu /vgto "r tqhku'hqt"cp" qti cpk'cvkap"y j krg'gpj cpekpi 'vj g'rkxgu'qh'cm'uvengj qrf gtu'0'Hiwi cni'kppqxcvkap. "qp'vj g"qvj gt"j cpf . "qh'gtu" pgy " dwukpguu" o qf gnu. " r tqf vevu. " ugtxkegu" cpf " r tqegu'0'Vj y kj " mqy gt" equu. " o k'pko cni' tguqwtg" eqpuwo r vkap. "cpf "tgf vevg' gpxktqpo gpvcn'lo r ce'0'Vj g'o gvc/cpcn'uku'o gvj qf 'ku'wugf 'kp'vj g'rkgtcwtg'vq" eqo d'kpg'cpf 'kpvgr tgv'vj g'tguwmu'qh'xctkqwu'uwf kgu'qp" c"ur gekhle"vqr ke'0'Y kj kp'vj g'ueqr g'qh'vj ku'uwf { . " 94"ct'vkgu'y gtg'ceegu'0'Vj "dgvy ggp"Cwi wu'47. "4246. "cpf "Qevqdtg"36. "4246. "Itqo "vj g"Y gd'qh'Uekpeg. " Ueqr wu. " RwdO gf . " RtqS wgu. " I qqi ng' Uej qnt. " cpf " Go gtcn' " f cvdcugu" vq" eqpf vev' c" o gvc/cpcn'uku" eqo r ctkpi "vj g'vq'eqpegr u'0'Chgt'gzemf kpi "64" f w rkecvg'ct'vkgu. "7"ct'vkgu'y gtg'kf gpv'k'kf "cu'tgrxcpv' vq'vj g'uwf { 'u'r vtr qu'0'Vj g'o gvc/cpcn'uku'eqpf vevg' wukpi 'vj g'Leo qxk'r tqi tco 'hqwpf "c"j ki j 'eqttgrcvkap" qh'20'733"dgvy ggp'uwxkpcdkrkv'rgcf gtuj kr "cpf 'uwxkpcdkrkv'kppqxcvkap'0'

**Keywords:** "Uwxkpcdkrkv' . "Uwxkpcdkrkv'Ngcf gtuj kr . "Hiwi cni'kppqxcvkap. "O gvc/Cpcn'uku'0'

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#### A CASE STUDY DURING THE REPUBLIC PERIOD (2021-2002)

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*Zakia Hussaini and Maryam Hassan*

*"Cj nwlde {v'kpvgtpc vkqpcn'wpxgt uk} "qhl'Vgj t cp."t cp*

"

#### ABSTRACT

"vj g'r qrkkecn'r ctvlekr cvkqp"qh'y qo gp'kp'Chi j cpkucp'ku'c'eqvgo r qtct { 'ej cmgpi g0Qxgt 'vj g'r cu'j wpf tgf " { gctu "y qo gp'kp'Chi j cpkucp"j cxg"gzr gtlgpegf "uki pkkhecpv'ej cpi gu'Vj gug"ej cpi gu'j cxg"uqo gwko gu' kpetgcugf 'r qrkkecn'r ctvlekr cvkqp"cpf . 'kp'o cp { 'ecugu .j cxg'rgf 'vq'c'f getgcug'kp'r ctvlekr cvkqp'0Vj ku'tgugctej " gzc0 kpgu"y qo gp'u'r qrkkecn'r ctvlekr cvkqp" f wtkpi " vj g" Tgr wdike "It qo " 4224" vq"4243" cpf " vj g" hcevqtu" kphmgpekpi 'vj gkt'kpetgcugf 'kpxqrgo gp'0Vj g'ngo cmg'eqo o wpkv { 'y cu'kpxkgf 'kp'v'j g'r qrkkecn'cpf 'uqekn' ctgpc" hqmqy kpi " tghqto u'v'j cv'go gti gf "kp'3; 3; . "y j kg'uqelgvcn'cpf "r qrkkecn'utwewt gu. "f vg"vq" c"rcen'qhl' kpukwkqpcn'k cvkqp"cpf "vtdcn'dceni tqwpf u. "utwi i ngf "vq"ceegr v'vj g'r tgupeg"cpf "cevkkkgu"qh'y qo gp'0 Tgugctej "kpf lecvgu'v'j cv'j g'rcen'qhl'pcv'kqpcn'kf gp'kv { "hqt0 cvkqp. "vj g'f gr gpf gpe { "qhl'v'j g'r qrkkecn'u' ugo " qp"vtdgu. "vj g'r cvlctej cn'hc0 kn { "u' ugo . "ewwrcn'y gcnpguu. "krkgtce { . "cpf "vj g" tcf kqpcn'utwewt g"qh' uqelgv { "y g" co qpi " vj g" hcevqtu" kphmgpekpi "y qo gp'u' eqphkgo gp'v'j qo g" cpf " vj gkt "rcen'qhl' uqekn' r tgupeg'kp'Chi j cpkucp'dghqg'v'j g'gucdrkuj o gp'v'qhl'v'j g' Tgr wdike'0Vj g'ghqg. "y kj "vj g'gucdrkuj o gp'v'qhl' vj g'Kuro le "Tgr wdike'cpf "vj g'tcv'khecvkqp"qh'c'pgy 'eqpukwkwq. "uki pkkhecpv'ej cpi gu'y g'g'qdugtxgf 'kp'v'j g' r'xgn'qhl'r qrkkecn'r ctvlekr cvkqp"co qpi "y qo gp. "cmgpi "y kj "vj gkt' r tgupeg'kp'xctkqwu' uqekn'r qrkkecn' hgrf u'0 Vj g'cpcn' uku' t'gxcngf " vj cv'v'j g' hqmqy kpi " hcevqtu" r { gf "c"ng { "tqng"kp' kpetgcukpi "y qo gp'u'r qrkkecn' r ctvlekr cvkqp<v'j g'f tch'kpi "qh'c"pgy 'eqpukwkwq"y kj "c"r qukkxg"cr r tqcej "vq' ctf u'y qo gp'u'tki j u. "vj g' r tqxkukq"qh'gf wecvkqpcn'qr r qtwpkkgu" hqt "i knu. "cpf "vj g'gucdrkuj o gp'v'qhl'v'j g'F go qetcvle "Y qo gp'u' Qti cpk' cvkqp"v'j g'r ctvlekr cvkqp"qh'y qo gp'kp'v'j g'htu'gngv'kpu+. "cn'uki pkkhecpv' { "eqv'kdwgf "vq'etgcv'kpi " c"uwkcdng"gp'xkqpo gp'v' hq"y qo gp'u'r qrkkecn'r ctvlekr cvkqp'0Vqi gvj gt. "vj gug" hcevqtu"ur ctngf "c"ewwrcn' rger 'kp'Chi j cpkucp. "y j lej "ecmgf 'kp'v's wgu'kq"o cp { 'r t'g'x'k'w'u' t'cf k'k'q'p'c'n'x'k'g'y u't'gi ctf kpi "y qo gp'0Vj ku' "t'gugctej "go r nq { u'cp'cpcn' k'ec'n'f guetk' v'xg"o gvj qf "cpf "wugu'k'dtct { 't'gu'w'eg'u'v'q'gzr nqtg'v'j g'v'qr le0

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ALTERNATİF BİR TURİZM TÜRÜ OLARAK JEOTURİZM VE JEOPARKLAR GEOTOURISM AND GEOPARKS AS AN ALTERNATIVE FORM OF TOURISM

Selma GÜNEŞ ZENGİN<sup>1</sup>

<sup>3</sup>[ *AmıgnıNucpu* " t gpekuk "Quo cplk g'Mqt mw'Cvc "Cpkxgt ukvguk 'Nuc puAuA'G kko "CpıukıAuA 'Gnıqwt k o " T g j d g t r k 'K C D F . 'Quo cplk g . 'VAt nk g 0

<sup>3</sup>QTEKF "KF < j wr u- l q t e k f Q t i 1222 ; /2225 /759 ; /3988 "

*Aslı Özge ÖZGEN ÇİĞDEMLİ<sup>2</sup>*

<sup>4</sup>"F t 0 " t 0 C { g u k " Q u o c p l k g ' M q t m w ' C v c " C p k x g t u k v g u k ' M e f k t r k ' W i w r o c n ' D i k o r g t ' H c n Ą n g u k " T g m t g c u f q p " l ' 3 / p g k o k ' D 3 / 4 Ą o Ą . ' Q u o c p l k g . ' V Ą t n k f g 0

<sup>4</sup>QTEKF "KF < j wr u- l q t e k f Q t i 1222 /2224 /8368 /7774 "

#### ÖZET

Vwtk o kp" gp" vgo gr' uqtwpmt, pf cp" dtk' qncp" o gxuko ugrk kp" gpi gmgpgdkro guk" gnıppqo kni' xg" ±gxtgugrı ve . o c' ner cukgrtkp' u, p, trct, p, c cp' hıkgugrıvwtk o kp' hıAnA' gn' ±gxtgugn' gnıppqo knıxg' uqu{ cı' gıvıktgıtkp' gp" c| c' kpf kıkro guk' co ce, {re" cıngıtpcvk'ı vwtk o " vı' rıgtk' qıvc{ c' ±, nı , v, t' 0' Dw' c ±, f cp" j go " f g k gp" xg" hctmıııı cp" vwtk o " r c| ct, p, p" l j v k' c ±, r t, p c" e g x c r " x g t k r g d k r o g u k ' j g o " f g " v t k o " { 3 / p g k o k p f g " u Ą t f Ą Ą r g d k k t r k k p " u c r c p o c u , " o Ą o m Ą p " q r c d k r o g m v g f k t 0 ' l g q w t k o " n e x t c o , " 3 ; ; 2 ı n " { , n e t f c " l g q r l k n i ' c r e p r c t , p " x g " l g q r l k n i ' o k t c u , p " n q t w p o c u , " l g q / d k r o u g r ' h c t m p f c n , p " { c t c v , m c u , " l g q r c t m e t , p " g k k o " c o c ± n " m m r c p , r c d k r o g u k " l g q w t k o " { q n v f r e " v t k o k p " u q u { q / g n u p p o k n i ' f g g t k p k p " c t v , t , m c u , " c o c e , { r e " c n g t p c v k i ' d k " v t k o " v Ą t Ą " q r c t m i ' q t v c { c ' ± , n o , v , t 0 ' D w ' d e r c o f c " W P G U E Q " v e t c h p f c p " m Ą t g u g r i ' l g q r c t m i ' c r e t , " q n v w t w r e t m i ' l g q r l k n i ' ± g k r k k " j c k " q n c p " d 3 / 4 i g r g t k p " v g u r k v " g f k r o g u k ' x g " d w " d 3 / 4 i g r g t f g " u Ą t f Ą Ą r g d k k t " v t k o " w f i w r o c r c t , p , p " v g x k n i g f k r o g u k j g f g h e p o k v t 0 ' l g q w t k o " v t k o k p " f q c Ą Ą g t k p f g " { c t c w , , " d e u m p , p " x g " g n u p p o k n i ' g n i k r g t k p " c | c n , m c u , " k r g " v q r n m m n i ' n e v , n o , p , " c t v , t , t n g p . " l g q r c t m e t " l g q r l k ' d k r o k f r g ' k i k k ' g k k o " q r c p e m e t , p , p " i g r k v t k r o g u k ' x g " l g q r l k n i ' o k t c u , p " n q t w p o c u , " n u p w u w p f c " h c t m p f c n n i ' { c t c v d k r e g e m k t 0 D w ± c n , o c p , p " c o c e , " l g q r c t m i ' x g " l g q w t k o " n e x t c o r e t , p c " { 3 / p g r k n i ' v g q t k n i ' d k t " d e m " c ± , u , " u w p o c m ' f Ą p { c f c n k x g " V Ą t n k f g o f g n k l g q r c t m i ' 3 / 4 p g m g t k p k f g v c { r e t , ' k r g ' g r g ' c m c n v t 0 Y c n , o c f c . ' l g q r c t m e t " x g " l g q w t k o " n e x t c o r e t , " k r g " k i k k ' k n i p e k n i ' x g t k r g t f g p " { c t c r c p e t c n i ' p k g r i ' d k t " { c m r e , o r e " v g q t k n i ' d k t " ± g t ± g x g " q n v w t w r o w w t 0 ' Y c n , o c " n e r u c o , p f c " f Ą p { c f c " 5 ; ı w " Y k p o f g " q m c m i ' Ą Ą g t g " 3 6 9 " l g q r c t m i ' d w m p f w w " V Ą t n k f g o p k p " W P G U E Q ' I n d e r n i ' l g q r c t m i ' C , ' h u g u k p f g ' M w r e ' X q m e p k n i ' l g q r c t m i ' k r g ' 4 2 3 5 " { , n p f c " { g t ' e r f , , " M e t e r , p e t . " I 3 / 4 m g e f c . " P g o t w ' x g " P c t o c p " R e t k ' D e c e r t , o p f c " k u g " l g q r c t m i ' ± c n , o c r e t , p , p " f g x c o " g w k k ' d g r i k r g p o k v t 0 "

**Anahtar Kelimeler:** 'Lgqr ctm' 'lgqwtk o . 'WP GUE Q' 'I n d e r n i ' l g q r c t m i ' C , 0 ' "

#### ABSTRACT

Cıngıtpcvkxg" hıto u" qh' vıwtkuo " j cxg" go gıı gf " vq" r t g x g p v' u g c u q p c r k v { . " q p g " q h " v j g " o q u v ' h m p f c o g p v c n i ' r t q d r g o u ' q h ' v q w t k u o . " c p f " v q ' o k p k o k j g ' v j g ' e w n w t c n " g p x k t q p o g p v c n ' g e q p p o k e . " c p f " u q e k r i k o r c e v u ' q h ' o c u u " v q w t k u o " v j c v ' g z e g g f " v j g ' r k o k u u ' q h ' g e q p p o k e " c p f " g p x k t q p o g p v c n i ' e c t t { k p i " e c r c e k k e u 0 ' k p " v j k u ' y c { . " k ' k u " r q u u k d r g " v q " o g g v ' v j g ' p g g f u ' q h ' c " e j c p i k p i " c p f " f k x g t u k h { k p i " v q w t k u o " o c t n g v ' c p f " g p u m t g " u w u c k p e d k r k v { " k p " v q w t k u o " o c p c i g o g p v 0 v j g ' e q e p e g r v ' q h i ' g q v q w t k u o " g o g t i g f " k p " v j g ' 3 ; ; 2 u ' c u ' c p " c n g t p c v k x g " h q t o " q h ' v q w t k u o " c l o g f " c v ' e q p u g t x l p i " i g q r n i k e c n i ' u k g u " c p f " i g q r n i k e c n i ' j g t k c i g . " t c k u k p i " c y c t g p g u u ' q h ' i g u e k g p e g . " w u k p i " i g q r c t m i ' h q t " g f w e c v k a p c n i ' r w t r q u g u . " c p f " k p e t g c u k p i " v j g " u q e k q / g e q p p o k e " x c n w g " q h ' v q w t k u o " v j t q w i j " i g q v q w t k u o 0 ' k p ' v j k u ' e q p v g z v . ' W P G U E Q ' j c u ' c l o g f " v q ' g u e d r k u j " i n d e r n i ' g q r c t m i ' p g y q t m i ' v q ' k f g p v k h ' t g i k a p u " i k j " i g q r n i k e c n i ' f k x g t u k v { " c p f " r t q o q v g " u w u c k p e d r g " v q w t k u o " r t c e v k e g u ' k p " v j g u g " c t g c u 0 i g q v q w t k u o " p q v ' q p n f " "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

tgf wegu'vj g'r tguwtgu'cpf "geqmi lecn'ko r ceu'vj cv'vqtuo "j cu'qp'pcwtg'dw'cnuq"gpj cpegu'eqo o wpkv' " r ctvkr cvkp0Vj tqwi j "i gqr ctmi "qr r qtwpkku'ht "gf wecvkp "tgrvqf "v'vj g'uelqpeg"qh'i gqmi { "ecp'dg" f gxgnr gf ."cpf "cy ctgpgui'ecp'dg'tckugf "cdqw'vj g'eqpugxcvqp"qh'i gqmi lecn'j gkci g0Vj g'cko "qh'vj ku' uwf { 'ku'v'rtqxf g'c'vj gqgvecn'r gtur gevkg'qp'vj g'eqpegr u'qh'i gqr ctmi'cpf "i gqvvtuo "cpf "v'gzco kpg" gzco r ngu'qh'i gqr ctmi'kp'vj g'y qtrf "cpf "Vwtng{ "kp'f gvkr0K"vj g'r cr gt."c"vj gqgvecn'itco gy qtn'y cu' gucdkuj gf "wukpi "ugeqpf ct { "fcv"qp"vj g'eqpegr u'qh'i gqr ctmi'cpf "i gqvvtuo "y kj "c"s wcrkcvkg" cr r tqcej 0Y kj kp'vj g'ueqr g'qh'vj g'uwf { .k'y cu'f gvto kpgf "vj cv'vj gtg'ctg'369"i gqr ctmi'y qtrf y kf g."5; " qh'y j lej 'ctg'kp'Ej kpc.'cpf "vj cv'Vwtng{ 'y cu'kpenf gf 'kp'vj g'WP GUEQ'I mdcn'I gqr ctmi'P gy qtn'ku'y kj " Mwr"Xqreple'I gqr ctmi'kp'4235."y j kg'i gqr ctmi'uwf kgu'ctg'qpi qkpi "kp'Meter ,pct."I 3/4+gcf c."P go tw:" cpf "Pcto cp'Hck { 'Ej ko pg{ u0"

**Keywords:** 'I gqr ctmi' 'I gqvvtuo . 'WP GUEQ' 'I mdcn'I gqr ctmi' 'Tgi kpcn'P gy qtn'u'

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#### OSMANIYE İLİNİN DOĞA TABANLI EKOTURİZM POTANSİYELİNİN İNCELENMESİ EXAMINING THE NATURE-BASED ECOTOURISM POTENTIAL OF OSMANIYE PROVINCE

Aynur İNCE<sup>1</sup>

<sup>3</sup>[*ÂmugmîNacpu*] "tgpekuk'Quo cpkğ'g'Mqtmw'Cvc'©pkxgt ukvguk'NacpuÂuÂ'G kko 'GpuwvÂuÂ'Gmıwt kğ o"  
Tgj dgt rık K'CDF."Quo cpkğ g.'VÂtnkğ g0"

<sup>3</sup>QTEKF "KF <j wr u-llqt ekğ Qti D22; /2229/4877/7786"

Ash Özge ÖZGEN ÇİĞDEMLİ<sup>2</sup>"

<sup>4</sup>"Ft0" t0©{guk'Quo cpkğ'g'Mqtmw'Cvc'©pkxgt ukvguk'Mcf ktrk'W{i wr o cñ'Dkko rgt'HcnÂnguk"  
Tgmt gcu'qp"[<sup>3</sup>pğvko k'D'4Ao Â "Quo cpkğ g.'VÂtnkğ g0"

<sup>4</sup>QTEKF "KF <j wr u-llqt ekğ Qti D222/2224/8368/7774"

#### ÖZET

UÂtf ÂtÂrgdktrkrm"±gxtg'xg'wtkğ o 'hextco rct,p,"qtveniddk"±cv,"cm,pcf c'vqr r c'cp'gnıwtkğ o .f'Âp{c"±cr ,pf c"  
{c{i ,p'dk" gnkf g'vteğj "gf krgp"}{gpk'dkt'wtkğ o 'vtgpf k'qrcteni'±pg"±,nø cmcf ,t0Gmıwtkğ o "f q c'o gtngl rı"  
wtkğ o "hcrıkğ vgrtkp" {cp,pcf c"mÂnÂgn'f g gtrgtk"nıqt wpo cu,"krg"ki k'k'wtkğ o "hcrıkğ vgrtkp"wtkğ o kp"  
i gt±gmğ vtkrf k k'f gukpcu{qprctf c" {c c{cp" {gtgn' j cmc" i grk" i gvtlek' hcrıkğ vgrtk' xg" {gtgn' j cmc"  
g kko guk'krg'ki k'hcrıkğ vgrtk'f g'nær uco cmcf ,t0Dw'demo f cp'gnıwtkğ o ."uÂtf ÂtÂrgdktrk'wtkğ o ."f q c"  
wtkğ o k'mÂnÂ'wtkğ o k'vct, o ucn'wtkğ o "±hmkniwtkğ o k'c'f c'ci tqwtkğ o ±xg'mtucniwtkğ o 'krg'u,m'dk'dc c"  
ucj kr vt0'Quo cpkğ'g'VÂtnkğ gøpk"dk'qmıkn'±g ktrk k'f q cni±gnlektrk'nc{pcmct,."kko k" gpi kp"qto cp"  
crpct, "xg" {c'rcct, "krg"±pgo rı' dk" gnıwtkğ o "r qvcpuk'grpk'dct, pf ,to cmcf ,t0Dw'±cn o cp,p"co ce,"  
Quo cpkğ gøpk" f q c" vdcpn" gnıwtkğ o " r qvcpuk'grk' krg" gnıwtkğ o " hcrıkğ vgrtk' ±gt±xgukpf g"  
i gt±gmğ vtkrgdkregni'cmkxkrgtkp" qtvc{c" nıpo cu,f,t0'¥ cn o cf c" knkpekl' xgtkrtf gp" hc{f crcp,nø , =  
f qmÂo cp'kpegrgo guk'vgnp k'xg'pkgn'dk"ctc vto c'f gupk' {cmc ,o , {rc"vgtkn'dk"±gt±xg"±k ko k vt0'  
¥ cn o c"nær uco ,pf c" Quo cpkğ'g'krf g' {gt'crp" \ qtmw."Dc f c ."O cmıwq n'xg'¥ , ct" {c'rcct,p,p"  
±pgo rı' dk'gt'f q c" vdcpn" gnıwtkğ o "crp,"qrcteni'±pg"±,nø , =dw" {c'rcctf c'f c "xg'f q c" {ÂtÂ'ÂtÂ"  
nø r ±,nm" vgnıkpı ." ±hmkni' wtğ o k' i kdk' hcrıkğ vgrtk" i gt±gmğ vtkrgdkrf k k' dgıkrıpo k vt0' [ kpg."  
VÂtnkğ gøpk'kmıgtkpf gp'c±,nıj cxc'o Â guk'xg'o knkr'ctni'qrctenikp'gf krgp'Mctevr g'Cucpvc "O knk'Rctm"  
vclj k' xg" mÂnÂgn' o ktcu' f g gtrgtk" dctl" i ±nÂ' krg" uw' ur qtct, "xg" nø r ±,nm' i kdk' hcrıkğ vgrtkp"  
i gt±gmğ vtkrgdkreg k' {cdcp' j c'cv'k' rgo g'crpct, pf cp'dk'f k'0'nf g'ınpwo nıpo , "M,to ,nı'Mw' Egppgk'  
nw" i ± rgo elrk klp" {cr ,rdkreg k" Mctc±c{ " grıguk' nø r "xg" f q c" {ÂtÂ'ÂtÂ' rgtk' krg" dkkn' kpegrgo g"  
hcrıkğ vgrtkp' i gt±gmğ vtkrgdkreg k' Mctc±c' cp'knıngp'k'ug'mÂnÂ'wtkğ o k'hcrıkğ vgrtkp' ±pg"±,nø , "  
gnıwtkğ o "ec' kdg'o gtngl rgtkpf gpf k0"

**Anahtar Kelimeler:** F q c'vdcpn'gnıwtkğ o ."gnıwtk'knıhcrıkğ vgrtk."Quo cpkğ g"

#### ABSTRACT

Uwıckpckrkv{." gpxkqpo gpv." cpf" vıwtkwo " eqpegr u' ctg" dtqıv j v' vqi gj gt" wpf gt" vj g" wo dtgm" qh"  
geqvıwtkwo ." y j lej " j cu'go gti gf "cu'c'y kf gn' r'tghgttg' pgy "vıwtkwo "vtgpf "i nıdcni'0k'cf f kıkqp"vq'pcwtg/  
dcuf "vıwtkwo "cevkkıgu"geqvıwtkwo "cnıq'gpeqo r cuıgu'cevkkıgu'tgrıvıf "vq'vj g'r'tugtxcvkqp"qh'ewıwtcn'  
xcıngu" kpeqo g/i gpgtcvıpi "cevkkıgu"ıht" vj g'nıecn'eqo o vpkıgu"ırxkpi "kp"vıwtkwo " f gukpcvıqpu" cpf "  
gf vıcvıpcı'cevkkıgu'cko gf "cv'ıqecı'r gqr rı0k' vj ku'tgur gev."geqvıwtkwo "ku'emıugn' rıpnıf "vq'uwıckpckıg"  
vıwtkwo ."pcwtg"vıwtkwo ."ewıwtcn'vıwtkwo ."cilewıwtcn'vıwtkwo "ıctıo "vıwtkwo "qt"ci tıkvıwtkwo ±"cpf "ıwtcn'  
vıwtkwo 0'Quo cpkğ'g."y kj "ku'dkqf kxgtıv{."pcwtcn'cwıcvıqpu"erko cvg."tkıj "ıhtıguıu"cpf "r rıvıcuıu" jıf ur"

ABSTRACT BOOK



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

uki pkklecpv'r qvqpvkcn'hqt"geqvwtkuo "kp"Vwtng{0Vj g"clo "qh"vj ku'uwf {"ku"vq"tgxgcn'vj g"pcwtg/dcugf "geqvwtkuo "r qvqpvkcn'qh"Quo cpk{g"cpf "vj g"cevxxkkgu"vj cv'ecp"dg"ecttkgf "qww'y kj kp"vj g"lto gy qtm'qh"geqvwtkuo 0'kp"vj ku'uwf {"ugeqpf ct {"f cv"y cu'wkkk gf."cpf "c"vj gqgkvecn'lto gy qtm'y cu'f tcy p"wukpi "f qewo gpv'cpcn{uku'gej pls wg"cpf "c's wvkc vkg'tgugctej "f guki p'cr r tqcej 0Y kj kp"vj g'ueqr g'qh'vj g'uwf {"k'y cu'f vgtto kpgf "vj cv'vj g'r r vgcwu'qh'\ qtmwp."Dc f c ."O cmwq nw'cpf "¥, ct"kp'Quo cpk{g"ucpf "qw"cu"uki pkklecpv'pcwtg/dcugf "geqvwtkuo "ctgcu."y j gtg"cevxxkkgu"uwej "cu"o qwpvcp"cpf "pcwtg"j kkpki .eco r kpi ."v gmkpi ."cpf "lto "vwtkuo "ecp"dg"eqpf wevgf 0Hwtj gto qtg."Mtcvgr g'Cucpvc "P cvkqpcn'Rctm"qpg"qh"Vwtng{u"lku'qr gp/ck"o wugwo u"cpf "f gerctgf "cu"c"pcvqpcn'rctm"ucpf u"qw"cu"cp"ctge"lqt"j kxqtkecn'cpf 'evnwtcnf gksci g'vwtkuo ."cu'y gm'culht'y cvgt'lr qtul'cpf 'eco r kpi 'cevxxkkgu'd{ 'ku'tgugtxqkt."cpf "lqt"y kf rkg"y cvej kpi 0'Mto ,n" Dkf" Ucpewct{"mecvgf "kp"vj g"r tqxkpeg."ku"cp"kf gcn' uksg"lqt"dkf y cvej kpi ."y j kg"Mtc±c {"Y cvgthcm"qlhgtu"qr r qtwpkkgu"lqt"eco r kpi ."pcwtg"y emu."cpf "r rpv'qdugtxcvqp"cevxxkkgu'0'Mcuxdcrc"cpelgpv'ek{"ku"cnq"qpg"qh'vj g"geqvwtkuo "cwtcevqpu"vj cv'j ki j rki j v'evnwtcn'vwtkuo "cevxxkkgu'0'

**Keywords:** "P cwtg/dcugf "geqvwtkuo ."geqvwtkuo "cevxxkkgu"Quo cpk{g"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### BİTÜMLE KAPLANMIŞ GEOTEKSTİLİN KUM ZEMİNİN CBR DEĞERİ ÜZERİNE ETKİSİNİN DEĞERLENDİRİLMESİ EVALUATION OF THE EFFECT OF BITUMEN-COATED GEOTEXTILE ON CBR VALUE OF SAND SOIL

*Yakup ÖNAL<sup>1</sup>*

<sup>3</sup>Ct 0l ¾0"Quo cplk g'Mqtmw'Cvc 'Cplxgt ukuguk 'O Āj gpf kurklxg'F q c 'Dkko rgt k'HcnĀnguk" p ccv' O Āj gpf kurk k'D/Āo Ā 'Quo cplk g. 'VĀtnk g0'

<sup>3</sup>QTEK 'K' <ĵ wr u<lqt ekf Qti 1222/2225/6; 97/; ; 9"

*Fethiye BAYRAK<sup>2</sup>*

<sup>4</sup>" p ccv'O Āj gpf kurk "Quo cplk g'Mqtmw'Cvc 'Cplxgt ukuguk 'O Āj gpf kurklxg'F q c 'Dkko rgt k'HcnĀnguk" p ccv'O Āj gpf kurk k'D/Āo Ā 'Quo cplk g. 'VĀtnk g0'

*Furkan Emin BALCI<sup>3</sup>*

<sup>5</sup>" p ccv'O Āj gpf kurk "Quo cplk g'Mqtmw'Cvc 'Cplxgt ukuguk 'O Āj gpf kurklxg'F q c 'Dkko rgt k'HcnĀnguk" p ccv'O Āj gpf kurk k'D/Āo Ā 'Quo cplk g. 'VĀtnk g0'

*Cafer KAYADELEN<sup>4</sup>*

<sup>6</sup>"Rt q10F t0"Quo cplk g'Mqtmw'Cvc 'Cplxgt ukuguk 'O Āj gpf kurklxg'F q c 'Dkko rgt k'HcnĀnguk" p ccv' O Āj gpf kurk k'D/Āo Ā 'Quo cplk g. 'VĀtnk g0'

*Gökhan ALTAY<sup>5</sup>*

<sup>7</sup>"F q±0F t0"Quo cplk g'Mqtmw'Cvc 'Cplxgt ukuguk 'O Āj gpf kurklxg'F q c 'Dkko rgt k'HcnĀnguk" p ccv' O Āj gpf kurk k'D/Āo Ā 'Quo cplk g. 'VĀtnk g0'

#### ÖZET

Uqp" { ,nctf c. "i gqugpvgkngtkp" w{ i wrpoc u. "±g kurk'kp ccv'o Āj gpf kurk k'r tqlgrgtkpf g" | go kp" k'kg vto g" kēkp" gwkk' dkt" f qpcv, "o c f f guk' qrceni ¾pgo nk' dkt" ec| kdg' nē| cpo , vt0I gqugpvgkngtkp" ¾pf g" i grgp" dkt" nēvgi qtuk' qrcp" i gqvgmknkt. "¾pegrknng" | go kprgtk" vc , o c "ner cukgukp' c'v, to cni' xg" dw" { Ā g { rgt " Ā g tkp g" kp c" gf krp" { cr, nct, p" uc nco " xg" i Āxgprk' nēno cu, p, " uc nco cni' kēkp" nwrp, nt0 Dw' ±cn, o c f c. "kk' vĀt" i gqvgmkn' o cni' go guk' p" { Ān'vc , o c "ner cukgrgtk' p' f gtrgp' kto gni' xg" nct , nē , vt, to cni' kēkp" ner uco n" dkt" f k' k' Mērkhtpk' c" Vc , o c "Qtcp, " \*EDT+ " f gpg { k' i gt±gmg vktro k vkt < i grgp' gni' i gqvgmkn' xg" dkw' o rg" ner rēpo , " i gqvgmkn' 0F gpg { rgt. "dw' o cni' go grgtk' dgp| gt" nq wnet' cni' p' c' p' cu, n' r' gthqto cpu' i ¾ngt' k' kp' f g gtrgp' kto gni' kēkp" ¾ grknng" mwo " | go kp" Ā g tkp' g" i gt±gmg vktro k vkt0 Gvkk' kngtkp' vco " qrceni' cprco cni' kēkp. " f qpcv, nct" | go kp" { Ā g { kpf gp' lctm, " f gtrk' rktg" \*2.47F . '2.72F 'xg' j go '2.72F ' j go 'f g' 3.2F + " { gtrg vktro k vkt0 Dw' f gtrk' kp' j gt' dkt' i gqvgmkn' vĀt Āp Āp" { Ān'vc , o c "ner cukgukp' c'v, n' g' vknkf k' kp' k' cprk' " gvo go k' k' uc nco , vt0F qpcv, nct, p' f gtrk' kp' k' ukugo c'vni' qrceni' f g vkt g' gn' xg" q'vc { c' ±, nēp' r' gthqto cpu, " i ¾ rgo rg { gtm" dw' i gqvgmknkt" ±g kurk' o Āj gpf kurk' w{ i wrco c' rct, " kēkp" w{ i vprw vpc" k' r' nkp" f g gtrk' dki' kgt' uc nco cni' co c±rēpo , vt0I grgp' gni' i gqvgmkn' xg" dkw' o rg" ner rēpo , " i gqvgmkn' f qpcv, n" mwo " | go kp. " { cpr, | ec" 40" o o " f gthqto cu { qpf c. " f qpcv, nct" 2047F " f gtrk' g" { gtrg vkt' k' k' kp' g. " f qpcv, u, | " mwo " | go kp' g' m { curc " f c j c" { Āmgn' EDT " f g gtrgtk' i ¾ngto k vkt0F k' g' f wto nctf c. " f qpcv, u, | " mwo " | go kp' f c j c" { Āmgn' EDT " f g gtrgtk' xgto k vkt0" vg" { cpr ep. " 7" o o " f gthqto cu { qpf c. " i gqvgmkn' f qpcv, n" mwo " | go kp. " f qpcv, " f gtrk' kp' gp' dc , o u, | " qrceni' f qpcv, u, | " f wto f cp" f c j c" { Āmgn' EDT " f g gtrgtk' ugti' kgtngp. " dkw' o rg" ner rēpo , " i gqvgmkn' f qpcv, n" mwo . " { cpr, | ec" f qpcv, 2047F " f gtrk' g" { gtrg vkt' k' k' kp' g' f qpcv, u, | " f wto f cp" f c j c" { Āmgn' EDT " f g gtrk' xgto k vkt0

**Anahtar Kelimeler:** Mērkhtpk' c'vc , o c "qtcp, " \*EDT+ " i gqvgmkn' dkw' o rg" ner rēpo , " i gqvgmkn' vc , o c " ner cukguk0

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#### ABSTRACT

Kp" tgegpv" { gctu." vj g" cr r necvkqp" qh" i gqu{pvj gveu" j cu" i ckpgf " uki phtecpv" cwtcevkqp" cu" cp" ghgevkxg" tglphqtego gpvci gpvht "uqkiko r tqxgo gpvlp" xctkqu'ekxkl'gpi kpggtkpi 'r tqlgeu0I gqvgzvkrg. 'c' r tqo kpgpv" ecvgi qt { "qh"i gqu{pvj gveu." ctg" r tko ctkl "wklk' gf "vq" gpi cpeg" vj g" dgctkpi " ecr cekv "qh" uqku" gpuwtkpi "vj cv" utwewtgu" dwkn" qp" vj gug" uwtcegu" tgo ckp" ucdng" cpf " uchg'0 k' " vj ku" uwf { . "c" eqo r tgj gpukxg" ugtkqu" qh" Ecrkhtpkc" Dgctkpi " Tcvkq" \*EDT+ " vguu" y gtg" ecttkgf " qw" vq" gxcnvcg" cpf " eqo r ctg" vj g" mcf / dgctkpi " ecr cekvku" qh" vj q" v' r gu" qh" i gqvgzvkrg" o cvgtkcu" < eqxgpvkqpcn' i gqvgzvkrg" cpf " dkwo gp/eqcvgf " i gqvgzvkrg'0 Vj g' vguu" y gtg" ur gekhecm' " ecttkgf " qw" qp" ucpf " uqkl' vq" cuuu' j qy " vj gug" o cvgtkcu" r gthqto " wpf gt " uko kct " eqpf kkpau'0 Vq" i ckp" c" vj qtqwi j " wpf gtucpf kpi " qh" vj gk" ghgevkxgpguu. " tglphqtego gpw" y gtg" r megf " cv" xct { kpi " f gr vj u" \*207F . 2072F" cpf " dqj " 2072F" cpf " 307F + " Htqo " vj g" uqkl' uwtcegu. " cmqj kpi " wu" vq" cpcn' | g" j qy " f gr vj " ko r ceu" vj g" mcf / dgctkpi " ecr cekv " qh" gcej " i gqvgzvkrg" v' r g'0 D { " u' ugo cvkcm' " xct { kpi " vj g" f gr vj " qh" vj g" tglphqtego gpw" cpf " qdugt kpi " vj g" tguu' kpi " r gthqto cpeg. " k' y cu' cko gf " vq" r tqxkf g" xcnvcng" kpuki j w" kpq" vj g" uwkcdkkl' " qh" vj gug" i gqvgzvkrg" hq" xctkqu" gpi kpggtkpi " cr r necvkqu'0 Eqxgpvkqpcn' i gqvgzvkrg" cpf " dkwo gp/eqcvgf " i gqvgzvkrg/ tglphqtegf " ucpf " uqkl' r gthqto gf " j ki j gt " EDT" xcnvku" eqo r ctgf " vq" wptglphqtegf " ucpf " uqkl' cv'407 o o " f ghqto cvkqp" qpn' " y j gp" tglphqtego gpw" y gtg" r megf " cv" c" f gr vj " qh" 207F 0 k' " qj gt " ecugu. " vj g" wptglphqtegf " ucpf " uqkl' i cxg" j ki j gt " EDT" xcnvku'0 Qp" vj g" qj gt " j cpf . " cv'7 o o " f ghqto cvkqp. " i gqvgzvkrg/ tglphqtegf " ucpf " uqkl' g' zj kdkgf " j ki j gt " EDT" xcnvku" vj cp" wptglphqtegf " ecug" ktgur gevkg" qh' tglphqtego gpv' f gr vj . " y j kg" dkwo gp/eqcvgf " i gqvgzvkrg/ tglphqtegf " ucpf " i cxg" j ki j gt " EDT" xcnvku" vj cp" wptglphqtegf " ecug" qpn' " y j gp" tglphqtego gpv' y cu' r megf " cv" c" f gr vj " qh' 207F 0

**Keywords:** 'Ecrkhtpkc' dgctkpi 'tcvkq' \*EDT+ 'i gqvgzvkrg. 'dkwo gp/eqcvgf 'i gqvgzvkrg. 'dgctkpi 'ecr cekv'0

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#### BİTÜMLE KAPLANMIŞ GEOTEKSTİL DONATILI KUM ZEMİNİN ARAYÜZEY KESME DAVRANIŞININ ARAŞTIRILMASI INVESTIGATION OF INTERFACIAL SHEAR BEHAVIOR OF BITUMEN-COATED GEOTEXTILE-REINFORCED SAND SOIL

Yakup ÖNAL<sup>1</sup>

<sup>3</sup>Ct 0l ¾0"Quo cpkğ g'Mqtmw'Cvc '©pkxgt ukxguk 'O Ğj gpf kurkñxg'Fq c 'Dkko rgt k'Hcnñnguk" p ccv' O Ğj gpf kurk k'D/ñAo Ğ. 'Vñnkğ g0'

<sup>3</sup>QTEKF 'KF <ğ wr u-llqt ekğ Qti D222/2225/6; 97/; ; 9"

Furkan Emin BALCI<sup>2</sup>"

<sup>4</sup>" p ccv'O Ğj gpf kurk "Quo cpkğ g'Mqtmw'Cvc '©pkxgt ukxguk 'O Ğj gpf kurkñxg'Fq c 'Dkko rgt k'Hcnñnguk" p ccv'O Ğj gpf kurk k'D/ñAo Ğ. 'Vñnkğ g0'

Fethiye BAYRAK<sup>3</sup>"

<sup>5</sup>" p ccv'O Ğj gpf kurk "Quo cpkğ g'Mqtmw'Cvc '©pkxgt ukxguk 'O Ğj gpf kurkñxg'Fq c 'Dkko rgt k'Hcnñnguk" p ccv'O Ğj gpf kurk k'D/ñAo Ğ. 'Vñnkğ g0'

Cafer KAYADELEN<sup>4</sup>"

<sup>6</sup>"Rt qI0F t0"Quo cpkğ g'Mqtmw'Cvc '©pkxgt ukxguk 'O Ğj gpf kurkñxg'Fq c 'Dkko rgt k'Hcnñnguk" p ccv' O Ğj gpf kurk k'D/ñAo Ğ. 'Vñnkğ g0'

Gökhan ALTAY<sup>5</sup>"

<sup>7</sup>"Fq ±0F t0"Quo cpkğ g'Mqtmw'Cvc '©pkxgt ukxguk 'O Ğj gpf kurkñxg'Fq c 'Dkko rgt k'Hcnñnguk" p ccv' O Ğj gpf kurk k'D/ñAo Ğ. 'Vñnkğ g0'

#### ÖZET

Uqp" { , mctf c. "i gqugpvgkmgtp" mwrp, o. , "±qnl±g kurk'kp ccv'o Ğj gpf kurk k'r tqlgrgtkpf g" go kp" nerkugukp" i Ğj gpf kurk gni'xg'k'kg vto gni'k'p'qrf wnc'gnrk'dkt" {¾pvg "qretmñ kf gtnñf c' c'dgñk' kp" j' c'g'i gno k vto I gqo go dtcpñt. "i gqugmñkgt" xg" i gqi tkf rgt" i kdk' o cñ go grgt' k-egtgp" i gqugpvgkmg. "¾ gñkmg" | qtnw qtvo rctf c" f c' j c" hc| n' ucdkñg" xg" f guvñ' uc n' {ctmñ| go kp'p" o gncpkn'¾ gñkmgtpk" i gñk vto gni'k'p" vcutnpo , vt0Dw'w'i wro cñt, p'dc ct, u, k'p'f qpcv, n' go kp'p' h' {o c'¾ gñkmgtpk' c'pño cñf c' {c'k'¾pgo " vc , t0 go kp'p' { Ğñkñ, pf c' h' {o c' {c'xg' {c'f gñto cu {qpc' f k'gpo g" {gvpg kp'kñcf g'gf gp' h' {o c' f c' {cp, o. , " {qmet. "go grgt' xg' k'p'ev' f wctñt, "i kdk' {cr, mct, p' vcut, o , pf c' xg' r' gñto cpu, pf c' n' k'ñ' dkt" t' qñ' q {pct0 \ go kp" xg" i gqugpvgkñ' o cñ go grgt" ctcu, pf cñk' gñkñ ko. " dw' n' {o c' ¾ gñkmgtpk' ¾pgo rk' ¾ñ' Ğ' g' gñkñ {gdkñt" xg" p' k' c' {g'kp' g" kp' ccv' o Ğj gpf kurk k' {cr, mct, p, p" i gpgñ' ucdkñgukp' xg" f c' {cp, mñ, , p, " gñkñ {gdkñt0'Dw' p' g' p' g. " dw'¾ gñkmgtpk' n' r' uco n' " dkt" gñkñ g' ctc v, t, m cu, " xg" c' p' k' " gf k' no guk" gñkñ' o Ğj gpf kurkñ' vcut, o , " xg' kp' ccv' w'i wro cñt, " k'p' g' ucw, vt0Dw' d'c n' o f c. " f qpcv, u. | "i gqugmñkñf qpcv, n' " xg" dk' Æo ng' her n' po , "i gqugmñkñf qpcv, n' " mwo " go kp' Ğj g' t' p' f g' dk' f k' khguo g' m' w' w' f' g' p' {k' Ğ' Ğ' Ğ' Ğ' vñt0' F g' p' g' {r' g' t' f g. " 372o o 372o o " nguk' c' n' p, p' c' u' j k' " dk' " nguo g' m' w' w' w' n' w' n' p, m , v, t0' F g' p' g' {r' g' t' " Ğ' " h' c' t' m, " p' qto cñ' i g' t' k' o g' u' g' x' k' g' r' t' k' p' f g' " \* {cpk" 48" n' Rc. " 74" n' Rc" xg" 326" n' Rc+ " i g' t' ±g' m' g' v' t' k' o k' v' t0' F g' p' g' { u' q' p' w' a' r' t, p' f c' p. " mwo " go kp' / mwo " go kp' " c' t' c' " { Ğ' Ğ' Ğ' Ğ' "i gqugmñkñ / mwo " go kp' " c' t' c' " { Ğ' Ğ' Ğ' Ğ' " ¾g' d' k' c' | " f c' j c' " { Ğ' m' g' n' i' c' t' c' " { Ğ' g' { " n' c' {o c' f k' g' p' e' k' u' c' n' f , , " c' p' r' , m , v, t0' C {t, e. " dk' Æo ng' n' r' n' po , "i gqugmñkñ / mwo " | go kp' " c' t' c' " { Ğ' g' {k' " mwo " go kp' / mwo " go kp' " xg' "i gqugmñkñ / mwo " go kp' " c' t' c' " { Ğ' g' {k' p' g' "i ¾g' f c' j c' f Ğ' Ğ' n' i' c' t' c' " { Ğ' g' { " n' c' {o c' f k' g' p' e' k' i ¾ng' t' o k' v' t0'

Anahtar Kelimeler: "Fq twf cp' nguo g' f' g' p' g' {k' i gqugmñkñ " dk' Æo ng' n' r' n' po , "i gqugmñkñ " nguo g' ¾ g' n' k' m' g' t' k' o

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#### ABSTRACT

Kõ tgegpv' gctu 'vj g'wug'qhi gqu{pvj g'vku'j cu'dgeqo g'kpetgculpi n' r tqo kpgpv'cu'c'j ki j n' g'ghgevkxg'o gjv qf " hqt'tgkphqteki "cpf "ko r tqxkpi "uqkn's wcnkkgu'kp'c'y kf g'tcpi g'qh'ekxkn'gpi kpggtkpi "r tqlgewOI gqu{pvj g'vku " y j lej "kpenw'g'o cvgtkcn'uwej "cu'i gqo go dtcpgu "i gqvgzvkrgu "cpf "i gqi tkf u "ctg'f guki pgf "vq'gpj cpeg'vj g' o gej cplecn' r tqr gt'vku" qh' uqkn " r tqxkf kpi " i tgevt " ucdkxk' " cpf " uwr r qtv. " r ctvewrtn' " kp " ej cmgpi kpi " gp'xktqpo gpvO'Wpf gt'ucpf kpi "vj g'uj gct "ej ctcevtkmeu'qh'tgkphqtegf "uqkiku'xkcn'ht'vj g'uweegu'qh'vj gug' cr r n'ecvqpuO'Uj gct'utgpi vj . 'y j lej "tghgtu'v'vj g'uqkn'u'cdkxk' "vq'tgukuv'urkf kpi "qt'f ghqto cvkqp'wpf gt'rqcf . " r r {u'c'etk'ecn'tqng'kp'vj g'f guki p"cpf "r gthqto cpeg'qh'utvewtgu"uwej "cu'tqcf y c { u "tqwpf cvkqpu "cpf " tgvc'kpi "y cmO'Vj g'k'pvtcevkp'dgvy ggp'vj g'uqkn'cpf "vj g'i gqu{pvj g'vku "o cvgtkcn'ecp'uki p'k'k'ecpwn' "ch'gev' vj gug'uj gct "ej ctcevtkmeu "wnko cvgn' "k'p'hwgpeki "vj g'qxgtcm'ucdkxk' "cpf "f wcdkxk' "qh'ekxkn'gpi kpggtkpi " utvewtguO'Vj gt'ghqg. "vj qtqwi j "tgugcte j "cpf "cpcn'uku'qh'vj gug' r tqr gt'vku"ctg' gu'gpvkn'ht' "ghgevkxg" gpi kpggtkpi "f guki p"cpf "eqputvewkqp" r tcevkguO' k' "vj ku' eqpvzv. "c" ugt'ku' qh'f k'gev' uj gct "v'guu" y gt'g' eqpf vewgf "qp'wptgkphqtegf . 'i gqvgzvkrg/tgkphqtegf "cpf "dkwo gp/eqcvgf "i gqvgzvkrg/tgkphqtegf "ucpf "uqkn'k' " vj g'gzr gtko gpw. "c'uj gct'dqz'j cxkpi "372o o 372o o "etquu'ugev'kpcn'ctgcOGzr gtko gpv'y gt'g'ecttkgf "qww' cv'vj tgg'f k'htgtpv'pqto cn'utgu'rxgn' "k' "48'nRc. "74'nRc. "cpf "326'nRc-O'K' y cu'tgcn' gf "tqo "vj g'vku' t'guwu" vj cv' ucpf "uqkn' /ucpf "uqkn' k'p'vthceg" r tqxkf gf "urki j vn' "j ki j gt "k'p'vthceg" uj gct "t'gukucpeg" vj cp' i gqvgzvkrg' / "ucpf "uqkn' k'p'vthcegO' Hwt vj gto qtg. "dkwo gp/eqcvgf "i gqvgzvkrg' / "ucpf "uqkn' k'p'vthceg" g'zj k'k'vgf " my gt'k'p'vthceg'uj gct "t'gukucpeg" vj cp' ucpf "uqkn' /ucpf "uqkn' /ucpf "i gqvgzvkrg' / "ucpf "uqkn' k'p'vthcegO'

**Keywords:** 'F k'gev'uj gct'v'guu' i gqvgzvkrg. "dkwo gp/eqcvgf "i gqvgzvkrg. "uj gct "ej ctcevtkmeuO'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### A REVIEW ON BIOLOGICAL ACTIVITIES OF LYCHEE LIÇİ'NİN BİYOLOJİK AKTİVİTELERİ ÜZERİNE BİR İNCELEME

Ali Erdem ŞABİK<sup>1</sup>

<sup>3</sup>F grctvo gpv'qlEj go km { 'cpf 'Ej go kecnRt qeguakpi "Vgej pqrqi { 'Dcj ±g'XqecvkqpcnUej qqr'ql'J ki j gt " Gf wecvkqp. "Wpkxgtukş 'ql'Quo cpkş g'Mqtmw'Cvc. "VĀtnkş g0'

<sup>3</sup>QTEK 'K' <j wr u-İlqt ekş Qti İ222/2223/83; 4/5: 56"

İmran UYSAL<sup>2</sup>

<sup>4</sup>Ft. F grctvo gpv'qlHqaf 'Rt qeguakpi . 'Dcj ±g'XqecvkqpcnUej qqr'ql'J ki j gt 'Gf wecvkqp. "Wpkxgtukş 'ql' Quo cpkş g'Mqtmw'Cvc. "VĀtnkş g0'

<sup>4</sup>QTEK 'K' <j wr u-İlqt ekş Qti İ222/2225/2; 64/; 87: "

Mustafa SEVİNDİK<sup>3</sup>

<sup>5</sup>F q±gpv. Quo cpkş g'Mqtmw'Cvc "Wpkxgtukş. "Gpi kpggtkpi 'cpf 'PcwncnUekpegu'Hcewnş. "F grctvo gpv'ql' Dkqrqi { . "Quo cpkş g. "Vwtngş"

<sup>5</sup>QTEK 'K' <j wr u-İlqt ekş Qti İ222/2223/9445/4442"

#### ÖZET

Vctkj "dq { wpec"kpucprct "dknkrgt "kg" k±"k±g" qm w wt0'Dw' dkt rkmgrkn'kpucprct, p' dknkrgt k' hctm "co c±rctrc" mwrp, o rct, p, p" { qmwp' c±o , v, t0' Dw' ±cn o cf c" Nkej k' ej kpgpuku" rkgtcvĀf g" dkf k' lrgp" dkş qmllkn' cmkxkgrtk' f gtrgpo k vt0' NO' ej kpgpuku" \*Ucr kpf cegeg+ hco kn' cu, pf c" { gt" cm cmcf, t" xg" rkk' qrtcn' dknpo gmgf k0' [ cr, rcp' rkgtcvĀ' ctc v, to crct, "uqpwepf c" NO' ej kpgpuku" cpvkqmş cp. "cpvko kntqdkş cn" cpvkşkq' kpc' "cmkxkg. "cpvkncpugt. "cpvkphco cwct "xg" cpcrşlgn' kn' cmkxkgrtk' kpk' qrf w w'i ¾ rgo rgo k vt0' Uqpw± qrtcn' NO' ej kpgpuku" ¾ pgo rkdş qmllkn' cmkxkgrtg' f g' ucj kr "qrf w w' xg' dwher uco f c' hcto cnqmllkn' f k c { pırtf c' mwrp, rcdkşeg k'i ¾ Ār0 Ā vĀ0'

Anahtar Kelimeler: "Cpvkqmş cp. "cpvkncpugt. "cpvko kntqdkş cn" Nkk' Nkej k'

#### ABSTRACT

Vj tqwi j qw'j kmqt { . 'r gqr rg" j cxg' dggp' kpgtvy kpgf "y kj "r rcpv0' Vj ki' cuşekvkqp" j cu' r cxgf "y g' y c { "hqt" r gqr rg" vq" wug" r rcpv' hqt "f khtgtpv' r vtr qugu0' k' "y ki' uwf { . "y g" dkqrqi kecn' cevkşkşgu" qh' Nkej k' ej kpgpuku" tgr qtvgf "kp" y g' rkgtcwtg" y gtg" eqo r krgf 0' NO' ej kpgpuku" ki' kp" y g" \*Ucr kpf cegeg+ hco kn' "cpf "ku' mpqy p" cu" nş ej gg0' Cu" c" tguwn' qh' y g' rkgtcwtg" tguşteş . "k' y cu" qduşxgf " y cv' NO' ej kpgpuku" j cu" cpvkşkş cpv. " cpvko ketqdkcn' cpvkşkş tquşcug" cevkşkş . "cpvkşcpegt. "cpvk/phco o cvqt { "cpf "cpcrş gule" cevkşkşgu0' Cu' c' tguwn. " k' y cu' uşgp' y cv' NO' ej kpgpuku" cnq' j cu' ko r qtvcpv' dkqrqi kecn' cevkşkşgu' cpf "ecp" dg' wugf "kp" r j cto ceqrqi kecn' f guki pu' kp' y ki' eqpvşv0'"

Keywords: "Cpvkşkş cpv. "cpvkşcpegt. "cpvko ketqdkcn' Nkk' Nkej k'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EVALUATION OF BIOLOGICAL ACTIVITIES OF SALLACA ZALACCA SALLACA ZALACCA'NIN BİYOLOJİK AKTİVİTELERİNİN DEĞERLENDİRİLMESİ

Ali Erdem ŞABİK<sup>1</sup>

<sup>3</sup>F grctwo gpv'ql'Ej go km{ 'cpf 'Ej go kecn'Rt qeguukpi "Vgej pqrqi { 'Dcj ±g'Xqecvkqpcn'Uej qqn'ql'J ki j gt " Gf wecvkqp. "Wpkxgtukş 'ql'Quo cpkş g'Mqtmw'Cvc. "VĀtnkş gO'

<sup>3</sup>QTEKF "KF <j wru<lqt ekş Qti İ222/2223/83; 4/5: 56"

İmran UYSAL<sup>2</sup>

<sup>4</sup>Ft. "F grctwo gpv'ql'Hqaf "Rt qeguukpi . "Dcj ±g'Xqecvkqpcn'Uej qqn'ql'J ki j gt "Gf wecvkqp. "Wpkxgtukş 'ql' Quo cpkş g'Mqtmw'Cvc. "VĀtnkş gO'

<sup>4</sup>QTEKF "KF <j wru<lqt ekş Qti İ222/2225/2; 64/; 87: "

Mustafa SEVİNDİK<sup>3</sup>

<sup>5</sup>F q±gpv. "Quo cpkş g'Mqtmw'Cvc "Wpkxgtukş. "Gpi kpggtkpi 'cpf 'Pcwtn'Uekpegu'Hcewnş. "F grctwo gpv'ql' Dkqrqi { . "Quo cpkş g. "Vwtngş "

<sup>5</sup>QTEKF "KF <j wru<lqt ekş Qti İ222/2223/9445/4442"

#### ÖZET

Dknkgt "nq| o gvm" vgmukl' dq{ cu, " xg" krc±" gpf Āwtkuk' i kdk' dkt±qm' hctm" cncpf c" nwnrp, m emcf, tO' Dw' ±cn o cf c" Ucnec /cnec p, rkgtcvĀf g' dlf kknrg' dkl qnqlkn' c mkkkgrgtkş gtrgpo k vktO' Ucnec /cnec " Ctgeceg" hco kn' cu, pf c" { gt "cm emcf, tO' Upcng "htwk' qrtcn' dkkpo gmgf kO' Eq tclm' qrtcn' cpxcwp, " Gpf qpgl { cş, tO' Upcng "htwk' dkt" rcm kş g' c ce, " vĀĀĀĀ [ cr, rp" rkgtcvĀf " cte vto cmt, pf c" Ucnec /cnec p, " cpvkqmş cp. " cpvko kntqdkş cn" i nwnq| kş c| " kş kdkş/4" cmkkkgrgtkş " j kş qş rkuşo km" cpv/ j kş gtvcpukh" cpvklphco cwet. " cpvş kş gti rkuşo km' xg" cpvkncpugt" i kdk' cmkkkgrgtkş " qnş w w' i 3/4 rgo rgo k vktO' Upw± qrtcn' Ucnec /cnec p, o g{ xg' 3/4 gnk kş , , pf c' 3/4 rgo rkuşo km' dkl qnqlkn' c mkkkgrgtkş " f g' ucş kş " qnş w w' i 3/4 Āro Ā vĀĀĀ

Anahtar Kelimeler: "Cpvqmş cp. "cpvkncpugt. "cpvko kntqdkş cn" "Upcng" "htwk. "v, ddk' dknkgt"

#### ABSTRACT

Rncpw'ctg'wgş "kp" o cp{ "f khtgtpv'ctgcu'uwş "cu'equo gvku "vgz vkg'f { gu'cpf "r j cto cegwkecn'lpş wnt { O'kp" vş ku'uwş { . "vş g' dknqş kecn'cevkkşgu'ql' Ucnec /cnec "tgr qtvgş "kp" vş g' rkgtcwtg' y gte'eqo r kş g' O' Ucnec " /cnec "ku'kp" vş g' Ctgeceg" hco kn' O'ku'hpqy p'cu'upcng "htwk" O'ku' i gqş tcr j kecn'ş qo gncpf "ku'kpş qpgukO' Upcng "htwk" ku'c" rcm "vtgg" ur gelgu' O'kp" vş g' rkgtcwtg' uwş kş "k' y cu' qdugtş g' "vş cv' Ucnec /cnec " j cu' cpvkzş cpv. "cpvko kntqdkş cn" /i nweqkş cug" kş kdkş { "cevkkş. " j { r qş n' ego ke. "cpvş { r gtvcpukş g. "cpv/ kphco o cvqt { . "cpvş { r gti n' ego ke "cpf "cpvkncpugt "cevkkşgu' O'cu'c" tguwn. "k' y cu' qdugtş g' "vş cv' Ucnec /cnec " j cu' ko r qtvpv' dknqş kecn'cevkkşgu' vş g' vş cp' ku'htwk' r tqr gtvku' ""

Keywords: "Cpvqmş cpv. "cpvkncpugt. "cpvko kntqdkş cn" "Upcng" "htwk. "o g' kş kş rncpw"

# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## UTILIZATION OF IRON AND STEEL SLAG: CURRENT RESEARCH AND APPLICATIONS DEMİR ÇELİK CURUFLARININ KULLANIMI: GÜNCEL ARAŞTIRMA VE UYGULAMALAR

Ömer Saltuk BÖLÜKBAŞI<sup>1\*</sup>

<sup>3</sup> *Cuuqe0Rt qh0F t0'Kungpf gtwp'Vej pkecn'Wpkxgt ukf. 'Hc ewnf'qh'Gpi kpggtkpi "cpf 'Pcwt cnl'Uekpegu. " Fgr ctw gpv'qhlO gvcmti kecn'cpf 'O cvgtkcu'Gpi kpggtkpi. " ungpf gtwp/J cxc. 'VÄtnk'g0*

<sup>3</sup> QTEK 'K' <j wr u<llqtef Qti D222/2224/: : 84/22; Z"

Efe ARIYOL<sup>2</sup>"

<sup>4</sup> *O Ue0'Kungpf gtwp'Vej pkecn'Wpkxgt ukf. 'T tcf wcv'Gf wecvkp 'Kpukwng. " ungpf gtwp/J cxc. 'VÄtnk'g0*

<sup>4</sup> QTEK 'K' <j wr u<llqtef Qti D222/2224/: 847/6; ; 2"

### ABSTRACT

Urci 'r tqf wegf 'f wtkpi 'uvggri'o cpwhewtkpi 'ucpf u'qw'cu'c'r qvgpvcnf 'xcncdng'y cuvg'o cvgtkcnf wg'vq'vj g' o gvcn'cpf 'ukdecvgu'k'eqpvckpuOCf f kkpqcmf. 'vj g'rtci g's wcpvkku'qhlurci 'i gpgtcvgf 'j cxg'b cf g'k'c'uwdlgev' qh'gzvpu'xg'tgugctej "kp"o cp{ "eqwv'kgu'k'p'tgegpv' {gctu 'y kj 'cf xcpego gpvu'kp'v'gej pqmji {."uwf lgu' hqewugf "qp"o k'p'ko k' k'pi "vj g'gpxk'qpo gpvcn'ko r cevu'qh'y cuvg"cpf "gzi nqt'kpi "vj g'wktk'cvkqp"qh'kt'qp"cpf " uvggn'urci 'kp'xctk'qwu'ugevqtu'j cxg'i ckpgf 'o qo gpwo 0K'vj ku'eqpvz'v'vj g'kf gpv'k'ekcvkqp'qh'uvggn'r rcpv'urci. " f gvgto kpcv'kqp"qh'ku'r tqr gt'vku. "cpf "vj g'gucdrku'j o gpv'qh'cr r tqr t'cvg"o gvj qf u'ht'ku'cr r r'ekcvkqp"kp" f k'ht'g'p'v'k'grf u'j cxg'dgeqo g'uki p'k'ekcpv'tgugctej 'vqr keu'Uvggn' cnkpi "urci 'ku'c'pqp/o gvcnle'd{/r tqf wev' y kj 'c'eqo r ngz'utwevtg. 'hqt o gf 'd{ 'vj g'qz'kf cvkqp'qh'ko r wtkku'kp'uvggn'f wtkpi 'vj g'r tqf wev'kqp'qh'k's w'kf " uvggn'tguw'kpi 'kp'qz'kf gu'cpf "ukdecvgu'OT ge{ er'kpi 'vj gug'k'pf w'nt'k'n'd{/r tqf wev'p'qv'p'pnf 'eqpv'k'dwgu'v'q'vj g' r t'g'x'gp'v'kqp'qh'gpxk'qpo gpvcn'r qm'w'kqp'dw'cnu'q'q'ht'gtu'geq'p'qo le"dg'p'gh'ku'v'q'eqwv'kgu'd{ 't'gf wekpi 'vj g' p'ggf "ht"r t'ko ct{ "tcy "o cvgtkcn'OP wo gt'qwu' uelgp'v'k'le"uwf lgu'j cxg'dggp'eqpf wevgf "i nqdcn' "qp"vj g' wktk'cvkqp"qh' uvggn' cnkpi " urci O' Vj gug' uwf lgu' k'p'k'evg' vj cv' urci "ecp" dg" wugf "cu" c" uwdukwng' hqt" eqpxg'v'k'p'cn' o cvgtkcn' kp' xctk'qwu' cr r'ekcvk'qpu" uvej "cu" tqcf "eqp'ut'wev'kqp." t'kny c{ "dcn'cu." ego gpv' r tqf wev'kqp.'cpf 'ci t'le'w'wt'g'0W' r'qz'co k'p'kpi 'vj g'r tqr gt'v'ku'q'h'vj gug'd{/r tqf wev'li gpgtcvgf 'f wtkpi 'uvggn' r tqf wev'kqp. 'k'j' cu'dggp'h'w'p'f 'vj cv'vj gtg'ctg'r qvgp'v'cn'ct'gcu'ht'vj g'k'w'g'k'p'p'wo gt'qwu'ugevqtu'0Vj ku'r cr gt" y kn't'g'x'ky "vj g'ewt'g'p'v'tgugctej "qp"vj g'cr r'ekcvk'qpu'qh'uvggn' cnkpi "urci "kp"dqj "i nqdcn'cpf "Vwtn'kuj " eqpvz'v'u' y kj 'c'h'qewu'qp'gh'ht'u'v'q'k'p'v'gi t'cvg'urci 'k'p'v'q'vj g'geq'p'qo {0

**Keywords:** "Kqp'cpf 'Uvggn'Urci. "Y cuvg'Wktk'cvkqp. "Kqp'cpf 'Uvggn'Geq'qji {."Uvggn'O kn'

### ÖZET

Y grkn' Ätgvko k' u,tcu,pcf c" c±, c"±,ncp"eÄtwh"±grkn'k±gtk k'p'f g' dw'w'p'cp"o gvcn'gt'xg' uk'k'nc'v'ct"pgf g'p'k'f'rg' f g' g'rt'p'f k'k'g'd'k'k' "dk"cv,m'q'nt'cm'i'±p'g"±,m' c'mcf ,t0'C {t,ec."dw'eÄtwh'ct,p"dÄ'Än'o k'nc't'ct'f c"Ätgvko k' q'p'ct,"dk±qm'Äng'k±p'çtc v,to c'h'p'w'w'w'j cnk'p'g'i g'v'ko k'v't'0U'q'p'f ,n'ct'f c.'v'gn'p'q'q'l'kn'i' grk o g'rt'k'p' , , ,pf c." cv,m'ct,p"±gxtg{g" xgt'f k'k' | ct'ct'ct," gp" c| c' k'p'f k'o g'n' xg" f go k/±grkn' eÄtwh'ct,p,p"±g k'rk' ugm'±4'rt'f g' m'w'ncp,o ,Ä'gt'k'p'f{cr ,ncp±cn o c'rt'j , | h'e| c'p'o , v,t'0D'w'dc n'o f c."±grkn'j c'p'g'eÄtwh'w'p'w'v'c'p,o n'p'o cu." ±4 grkn'gt'k'p'p' dg'rt'ng'p'o guk' xg' h'ctm' c'nc'p'ct'f c" f g' g'rt'p'f k'k'g'd'k'ro guk' k±k'p' w'i w'p' {±p'v'go ng'k'p' dg'rt'ng'p'o guk"i Äp'Äo Ä'f g'±p'go r'k'dk"çtc v,to c'h'p'w'w'w'q'm w'w't'0Y grkn'j c'p'g'eÄtwh'w"u,x,"±grkn'Ätgvko k' u,tcu,pcf c"±grkn'k±k'p'f g'n'k'go r Ä'k'g'rt'k'p'q'm'k'f cu{q'p'w'w'p'w'e'w'q'w' cp'q'm'k'v'x'g'uk'k'nc'v'ct'f cp"o g{f c'p'e"i' g'rt'p' n'q'o r n'g'm'i'dk" {cr , {c'ucj kr ."o gvcn'k'q'm c{cp'dk" {cp"Ä'Äp'Ä'0'G'p'f Ä'nt'k'f g'n'Ätgvko k'p'u'q'p'w'w'p'f c"q't'vc {c" ±,ncp'dw'cv,m'ct,p'i' g't'k'f ±p'Ä v'Ä'Äo guk'ucf geg'±gxt'gug'n'h'k'r'k'k' k'p'±p'g'p'o guk'p'g'nc'v'm'lc n'o c'm'c'h'nc'o c| ."



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

c{p,"| co cpf c" Ñmrgtg" gñpgo kn'hc{ f c" uc r{ctcm' dktkpek'j co o cf f g" kj vk{ ce,p," f c" c| cno cmcf,t0' ¥ gñkj cpg" eÑwhrt,p,p" f g gtrgpf ktko guk' co ce,{r" f Ñp{ c" i gpgkpf g" {cr ,rp" ±qm' uc{ ,f c" dkko ugn' cte v,to c" dñwpo cmcf,t0'Dw'cte v,to crct."eÑwhrt,p"mte{ qñw'kp cu,pf c."f go k{ qñw'dcruv'o cñ go guk' qñtem" ±ko gpvq" Ñgwo kpf g" xg" vt,o f c" nñpxcpuk{ qpgñ' o cñ go grtkp" {gtkpg" mñmp,mckrgeg kpk' i ðvgtto gmgf k0¥ gñk kp" Ñgwo k'u,tcu,pf c"qtvc{ c"±,ñp'dwcv,mct,p"¼ gñkmgtkkpegrpf k kpf g."±qm'uc{ ,f c" ugm¼f g"r qvcruk{ gn'mñmp,o "cñpñct,"qñf w w'vgr k'gf kro k vt0'Dw'±cñ o cf c."±gñkj cpg"eÑwhrt,p,p" mñmp,o "cñpñct,pc" f ckt" f Ñp{ c"xg"VÑnk{ g}f gñk'o gxew'cte v,to crct,p" f g gtrgpf ktko guk'xg'eÑwhrt,p" gñpgo k{ g"ñc| cpf ,t,m cu,"uÑgekpg'kñ nkp" {cr ,rp"±cñ o crct"grg'cñpcecñ,t0'

**Anahtar Kelimeler:** 'F go k"±gñkñewtwhw"cv,nlf g gtrgpf kto g.'F go k"±gñkñ"gnñmñk"±gñkj cpg0'

# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## THE MOST IMPORTANT BACTERIAL DISEASES OF WHEAT AND THEIR BIOLOGICAL CONTROL

<sup>3</sup> Research Assistant Nida UYSAL

<sup>3</sup> Pk f g" o gt "J crkf go k "Wpkxgt ukş. "Hcewn{ "qhi Ci t kewnmt cni Uelkgpegu" cpf "Vgej pqrqi kgu. "Fgrctwo gpv" qhRrcpvRt qf wevkqp" cpf "Vgej pqrqi kgu. "Pk f g. "V©TM [ G" QTEK "KF < j wru< lqtef Qti D222/2224/96; 9/: 499"

### ÖZET

Dw f c { "Vi kkewo "c guakwo "NO: "mÄt gugn'qrcteni<sup>3</sup> pgo rk'dk'vcj ,n'ÄÄpÄf Ät 'xg'f Äp { c'i gpgkpf g'vgo gn'dk" i ,f c"o cff gukf k'ÖNk k'p"i kdk'dc| , "vgo gn'co kpq" cukrgtkp. "rki'xg" xkco k'p"nc { pc , "dcmo , pf cp" qrf wnc" | gpi kpf k'ÖDw f c { f c"j cuen c "pgf gp" qrcp" dcmgtk' gn'gvo gprgt "ÄÄp" xgtko "xg'nrcxgukpk'qno uw| "{<sup>3</sup> pf g" gvnrko gmgf k'Ö [ cr ,ncp" dw'f gtrgo g. "dw f c { , "gvnrk { gp" dcmgtk' gn' { cr tcn' ± k i kuk "dcmgtk' gn' { cr tcn' { cp,nn ,. " dcmgtk' gn' mñh' ±ÄÄmÄ Ä " dc| cn' i nwo g' ±ÄÄmÄ Ä " dcmgtk' gn' o q| ckm" dc cni' { cp,nn ,. " i wo o quku" xg" r go dg" vqj wo " i kdk' dc nec" dcmgtk' gn' j cuenmct" xg" dw' j cuenmctc" net , "mwncp,ncp" dk' qmlkn' nupvtqn' clcprct, "f gtrgo k vkt'ÖDk' qmlkn' o Äecf grg. "r gukukrgtg" net , "cngtpevkh' dk" o Äecf grg" {<sup>3</sup> pvo kf k'Ö Rcvlqp" qm c { cp" dcmgtk' xg" hwp i wu" f c" f c j ki' qm cni' ÄÄ gtg" dk±qm' o kntqati cpl' o c" r qcpcuk' gn'dk' qnupvtqn' clcprct, "qrcteni' mwncp,ncp c mcf , t'ÖDwprct" ctcu, pf c" Rugwf qo qpcu" ur r 0" Dcekmul" ur r 0" Vi kej qf gto c" ur r 0" xg" Rk hqt o qur qtc" kpf kec" { gt' cm c mcf , t'ÖDk' qmlkn' nupvtqn' {<sup>3</sup> pvo rgtk' dw f c { j cuenmct, p, p" {<sup>3</sup> pvo kpf g" uÄf ÄÄ Ängdkk" xg" ±xgt" f quw' dk" { cmc , o , "vgo uki' gvo gmgf k'Ö Dwpwprc" dk' rmg. "o gxew" {<sup>3</sup> pvo rgtk' k' g vto gn' xg' dk' qmlkn' nupvtqn' p' gvnrk k' xg' uÄf ÄÄ Ängdkk' r k' k' ctv, t'cp" { gp' k' utcvglkgt" i grk vto gn' k' k' f c j c' hc| rncn o c" { cr , m cu, <sup>3</sup> pgtk' gmgf k'Ö

**Anahtar kelimeler:** *Vi kkewo "c guakwo "NO" dcmgtk' gn' j cuenm' dw f c { . "dk' qmlkn' o Äecf grg*

### ABSTRACT

Y j gcv" *Vi kkewo "c guakwo "NO: "ku' c' i mdcn { "uki p' hcepv' egtgcn' etqr " cpf "cnuq" ku' tgi ctf gf "cu' c' dcule" hqqf " eqo o qf kv' "y qtrf y kf g'ÖY j gcv' ku' cnuq" eqpuk' gtgf "cp" guugpvkcn' uqwtg" qh' hkdgt" cpf "xkco kpu'ÖCnuq. "kv' j cu' c" eqpegpvc' k'p' qh' uqo g" guugpvkcn' co kpq" cekf u" uwe j "cu' n' ukp'Öku' r tqf wevkqp" ku' v' j tgcvgpgf "d { "xctkquw" dcevgtkcn' f kugcugu'ÖVj ku' t' gxlgy "hqwugu" qp" o clqt" dcevgtkcn' f kugcugu' ch' gcvkpi "y j gcv' k'penw' kpi "dcevgtkcn' r' gch' utgcn' c' pf "dr' en' ej ch' "dcevgtkcn' r' gch' dri j v. "dcevgtkcn' u' j gcv' "tqv. "dcu' ni' nwo g' tqv. "dcevgtkcn' o qucle. " ur kng" dri j v" i wo o quku" c' pf " r k' pni' ug' g' Ö' Dk' qni' kecn' eqpvtqn' ci gpw" j cxg" go gti gf "cu' c" r tqo k' k' pi " cngtpev' xg' v' q' ej go kecn' r' gu' k' f gu'ÖC' t' cpi g' qh' o ketqati c' pkuo u' k'penw' kpi "dcevgtkc' c' pf "hwp i k' j' cxg' dg' gp" k' f gp' v' h' gf "cu' r' qv' gp' kcn' d' k' eqpvtqn' ci gpw' Ö' Vj g' u' g' k'penw' g' Rugwf qo qpcu" ur r 0" Dcekmul" ur r 0" Vi kej qf gto c" ur r 0" c' pf "Rk hqt o qur qtc" k' p' f kec' Ö' Dk' qni' kecn' eqpvtqn' o gv' qf u' t' gr' t' g' u' gp' v' c" u' w' u' k' p' cdng" c' pf "geq/ h' k' gp' n' f" cr r' tqe j "v' q' v' g' o c' pci go gp' v' qh' y j gcv' dcevgtkcn' f kugcugu' Ö' P' gxgt v' j g' u' u' "hwt v' j gt' t' g' u' g' cte j "ku' guugpvkcn' v' q" t' gh' k' p' g' z' k' u' k' pi " o gv' qf u' c' pf "f' gxg' m' r' p' q' x' gn' utcvgi k' u' v' j cv' gp' j c' p' eg" v' j g' g' h' k' ece { " c' pf "u' w' u' k' p' cdng" { " qh' dk' qni' kecn' eqpvtqn' Ö*

**Keywords:** *Vi kkewo "c guakwo "NO" dcevgtkcn' f kugcug. "y j gcv' dk' qni' kecn' o c' pci go gpv*



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

vj g'pwo dgt'qh'f tcy htco g'r cuuci gu'y gtg'f gycto kpgf "d{ "gzco kpkpi "vj g" { ctp's wcrk\ "cpf "wtgpi vj "tguwmu' Vj g'tguwmu" qdvckpgf "uj qy "vj cv'wukpi "c" ukpi ng'r cuuci g"f tcy htco g"tgf wegu"vj g"ectdqp "hqqv tkp'lp"vj g" r tqf wevkqp"r tqegu'd{ "griko kpcvkpi "vj g"gpgti { "eqpuwo r vkqp"qh'vy q"r cuuci g"f tcy htco gu'k\ "cf f kkp. "d{ " griko kpcvkpi "qpg" f tcy htco g. "y cuvg"kp"vj g" tcy "o cvgtken'ku" exqkf gf "cpf " tcy "o cvgtken'ucxkpi u"ctg"cnq" cej kxgf' Vj ku"uwf { "r tqxkf gu"ko r qtcvp' hkp' kpi u"qp"uwckpcdng" { ctp"r tqf wevkqp" d{ "qr vko kukpi "vj g" tge { engf "r qn' guvg' eqpvgp'cpf "gxcnckvkpi "vj g"cf xcpwi gu'qh'c" ukpi ng'r cuuci g"f tcy htco g'u{ ugo "kp'tkpi " ur kppkpi 0'

**Keywords:** F tcy htco g. "P wo dgt'qh'Rcuuci gu. "T ge { engf "Hdgt. "Uwckpcdng[ ctp"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### UNIFORM FLOW OF MICRO-POLAR FLUID AROUND A PERMEABLE SPHERE FILLED WITH VISCOUS FLUID

*P. Aparna<sup>3</sup>, P. Padmaja<sup>4</sup>, K. Krishna Murthy<sup>5</sup>, P. Raja Shekhar<sup>6</sup>*

<sup>3,6</sup> *Fgrctvo gpv'qhl'O cyj go c'keu 'XPT'Xki pcpc 'L'qyj k'k'p'unkwng'qhl'Gpi kpggtkpi 'cpf 'Vgej pqrqi {.' J {f gtcdf. '7222; 2. 'Vgrpi cpc 'Ucvg. 'kpf kc0'*

<sup>4</sup> *Fgrctvo gpv'qhl'O cyj go c'keu 'RKR0Ufj ctvj c 'k'p'unkwng'qhl'Vgej pqrqi {.' kc {cy cfc. 742229. '\*\*\*\*\* Cpfj tc 'Rt cf guj. 'kpf kc''*

<sup>5</sup> *Fgrctvo gpv'qhl'O gej cpl'ecnl'Gpi kpggtkpi. 'XPT'Xki pcpc 'L'qyj k'k'p'unkwng'qhl'Gpi kpggtkpi 'cpf 'Vgej pqrqi {.' J {f gtcdf. '7222; 2. 'Vgrpi cpc 'Ucvg. 'kpf kc0'*

#### ABSTRACT

Vj g'kpxguki cvkqp'qh'c"o letqr qmct'hmkf )u'eqpvkpwqwu'hmy "r cu'c"ur j gtlecn'C"r qtqwu'dcm'hkmgf "y kj "c" xlaeqwu'rls vkf "ku'cnngp"kpq"eqpukf gtcvkqp0'Utgcgo "hwpvkap"ku'wugf "vq"fguetkdg'y g'xgrqekv{ "hgrf"dqj "kpukf g'cpf "qwukf g'yj g'ur j gtg0Vj g'hqto wr'hqt'yj g'f tci 'cev'kpi "qp'yj g'ur j gtg'ku'ecr'w'v'v'g'f. 'cpf 'f kci tco u' u'j qy kpi 'yj g'gh'gew'qhl'rj { u'kcnr'ctco gvgtu'qp'yj g'hmy 'cpf 'f tci "qp'yj g'ur j gtg. 'uwej "cu'yj g'r qtqukv{ "cpf " o letqr qmctk{ 'r'ctco gvgtu."ctg'f kur m{ gf 0'

**Keywords** Xlaeqwu'hmkf. 'Rgto gcdrg'ur j gtg. 'O letq/r qmct'hmkf "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### GIDA GÜVENLİĞİ VE KALİTESİNİ İYİLEŞTİRMEK İÇİN TERMAL OLMAYAN YENİ TEKNOLOJİLER

*Pembe Evcı ÇÜRÜK<sup>1</sup> Fatma HEPSAĞ<sup>1</sup>*

<sup>3</sup>Fq±0Ft. "Quo cpkğ'g'Mqtmw'Çvc'©pkxgt ukxguk 'Mcf krk'W{i wrc cn, 'Dko rgt 'Hcn'Anguk 'I ,fc 'Vgnpqrlkuk'

D'ñAo Æ. 'Mcf krk': 2972'Quo cpkğ g. 'Vwtng{0"

QTEK 'KF <j wru-1qtef Qti D222/2225/6986/9464"

QTEK 'KF <j wru-1qtef Qti D222/2224/58: : /6328""

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#### ÖZET

Vcl g."uc nmm."mwmp, n"yg'i Æxgprk'i ,fcrctc"qncp"vncr . "i ,fc"crep,pf c"vgtocn'qmo c{cp"vgnpqrlkgtk'p i grk vktko gukp' vğ xkn' gvo gmgf kt0 [ Æmgn'j kf tqucvkn' dcu,p±ct." fctdgrk' grmtnm' cncpct,." wmtcuqp." wmtcxk{qrg", ,m'fctdgrk', ,n'xg'uq wnr rc| o c" Æ gtlpg" {cr,mp"±qmuc{ ,fc"ctc vto c.'i grpgmgn'u Æ g±ngt' m {cur:" { Æmgn'nckrg"ucpf ctvct,pf c"i Æxgprk' Æ Æprgt "grf g" gvo gf g"gnkk'qr' wmt,p, "i Ævgtocn' vkt0'Gvnk' o gncpk' o crct,p,p'cprc ,mo cu, "o gxew'v'Angvek'vncr rgtk'p'ncr ,rc{cp"dc ct,n"uqpw±ct"grf g" gvo gnkk'p' mtkmnr ctco gvtgrtk'p'vcp,o rcpo cu,pc" {qn'c±o , v,t0Dwkpgrgo g.'i Æxgprk'xg" { Æmgn'nckrg' Æ Æprgt "grf g" gvo gnkk'p'hwmp,rcp" {gpk'vgnpqrlkgt" j cnmpf c"gp" {gpk'dkn' kgtk'4 gvo g{k'co c±ro cmcf ,t0'

**Anahtar Kelimeler:** "Wmtcuqp."wmtcxk{qrg", ,m'fctdgrk', ,m'uq wnr rc| o c0'

#### ABSTRACT

Vj g'f go cpf "hqt"htguj . "j gcnj { . "eqpxgpkp'v'cpf "uchg" hqf u'ku'f tkxkpi "vj g'f gxgnr o gpv'qh'pqp/vj gto cn' vgej pqm' lgu'kp'vj g'hqf "ugevt0P wo gtqwa'uwf lgu'qp" j ki j "j { f tqucvke" r tguwtgu" r wngf "grgevtke" hkrf u" wmtcuqpf . "wmtcxkqrgviki j v." r wngf "iki j v'cpf 'eqrf" r rno c' j cxg'uj qy p'vj cv'vj g{ 'ctg'ghgevxg'lp' qdvckkpi " uchg" r tqf weu" y kj " j ki j " s wrkv{ " ucpf ct' u' eqo r ctgf " vq" vctf kkpccn" r tqeguug0' Wpf gtucpf kpi " vj g" o gej cpkwo u'qh'cevkap" j cu'ngf "vq"vj g"kf gpv'khec'vqp"qh'etk'kecn' r ctco gvtu"vq"cej kxg"uweguhwi'tguwuu" vj cv'o gg'ewtgpv'eqpuwo gt" f go cpf u0'Vj ku'tgxlgv "clo u"vq"uwo o ctk' g"vj g"rcvgu'npqy rnf i g"qp"pgy " vgej pqm' lgu'wngf "vq" qdvckp'uchg'cpf " j ki j " s wrkv{ " r tqf weu0'"

**Keywords:** "Wmtcuqpf . "wmtcxkqrgviki j v." r wngf "iki j v."eqrf" r rno c0'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### GIDA İŞLEMEDE YENİ TERMAL TEKNOLOJİLERİN KULLANILMASI

*Fatma HEPSAĞ<sup>1</sup> Pembe Evcı ÇÜRÜK<sup>1</sup>*

*<sup>3</sup>Fq±Of t. 'Quo cpk'g'Mqt mw' Cw '©pkxgt ukxguk 'Mcf krk'W{i wv o cn, 'Dsko rgt 'Hcm'Ånguk 'I , f c 'Vgnpqrlkk' D'Åo Å. 'Mcf krk': 2972'Quo cpk'g. 'Vwtng{0''*

*QTEK' 'K' <j wru<1qtel'f Qti D222/2224/58: : /6328''''*

*QTEK' 'K' <j wru<1qtel'f Qti D222/2225/6986/9464''*

"

#### ÖZET

I ĀpĀo Ā f g" i , f c" gpf Āmtkuklp" km' co ce, " i , f c" nerkuguklp" uc rpo cu, f , t0' Dw' ugdr ng" i , f cirtf cnk' dq' wo crct, "gpi gmg' gni' r cvl gp" o kntqati cpk' o crct, "w' cni' wwdkro gni' gpgnkmg' ±g kirk' hqt w' wewrt' xg" cpko kntqdk' cni' clepct, p" gmgpo guk' kg" uc rpo cmcf, t0' VĀngve' k' dw' o cff grgtg" hc' rcc" o ctw' "nem cni' kugo gf k kpf gp" f c j c" f q cn" g' wngv' k' g' tk' k' p' f c j c" c' " qrf w w' Ā' Ā' p' rgtg" v' c' r' d' k' p' ctwo cu, "pgf gpk' kg" i , f c" gpf Āmtkuk' u' Ā' g' m' k' q' r' c' t' c' n' i' v' c' r' r' g' t' k' n' e' t , r' c' { c' d' k' n' g' n' i' c' f , p' c' } c' n' g' t' p' c' v' h' i' , f c" k' r' g' o' g' d' k' o' r' g' t' k' c' t' c' o' c' m' c' f , t' 0' I ĀpĀo Ā f g" gp" { c { i , p" q' r' c' t' c' n' i' w' w' r' p , r' c' p' r' c' u' v' 4' k' c' u' f' q' p' x' g' u' v' g' t' k' k' c' u' f' q' p' i' k' d' k' v' g' t' o' c' n' i' { 3' 4' p' v' g' o' r' g' t' k' p' } j' g' o' g' p' j' g' o' g' p' v' Āo " i , f cirtf c" m' w' r' p , m' c' m' e' " d' g' t' c' d' g' t' " g' p' h' c' i' r' e' , u , { c' f' w' c' t' n' , d' g' u' k' p' r' g' t' f' g' d' g' u' n' g' p' o' g' 3' 4' g' n' k' m' g' t' k' x' g' f' w' w' u' c' n' i' 3' 4' ĀpĀo " kg' ki k' k' f' g' g' t' r' g' t' k' p' c' i' c' i' f , , p , i' 3' 4' v' g' t' g' p' u' q' p' w' e' r' t' c' r' e' " n' e' t , r' c , m' o' c' m' c' f , t' 0' D' w' ± c' n' o' c' k' g' " Qj o km' , u , w' o' c' x' g' f' k' r' g' m' t' km' , u , w' o' c' 3' 4' p' g' k' p' o' k' n' t' q' f' c' n' i' c' , u , w' o' c' x' g' t' c' f' { q' h' t' g' n' e' p' u , u , w' o' c' + i' k' d' k' i' g' r' k' o' k' x' g' } { g' p' k' v' g' t' o' c' n' i' v' g' n' p' q' r' l' k' k' g' t' k' g' i , f cirt , , u , p , p' q' n' w' o' u' w' } " g' n' k' r' g' t' k' p' g' o' c' t' w' " d , t' c' m' o' c' f' c' p . " Ā' Ā' p' Ā' t' c' h' 3' 4' t' Ā' p' Ā' w' c' v' p . " h' k' k' m' g' n' i' d' g' u' k' p' f' g' g' t' k' x' g' f' w' w' u' c' n' i' p' k' v' g' n' k' m' g' t' k' p' k' h' q' t' w' c' p' { 3' 4' p' r' g' t' k' p' k' } q' t' v' c' { c' n' i' q' { o' c' m' , t' 0' }

**Anahtar Kelimeler:** "Rcu'v'4k' cuf qp. 'ugt'kk' cuf qp. 'qj o km', u, w o c. 'f krgmt km', u, w c0'

#### ABSTRACT

Vj g" r tko ct { "i qcn' qh' yj g" hqf " kpf wut { "vqf c { "ku' vq" g' p' u' w' t' g' h' q' f " s' w' e' r' t' c' r' e' { 0' H' q' t' " v' j' k' u' t' g' c' u' q' p . " r' t' g' x' g' p' k' p' i' " u' r' q' k' r' i' g' " k' p' h' q' f' u' c' p' f " h' g' g' r' k' p' i' " r' c' v' j' q' i' g' p' l' e' " o' k' e' t' q' a' t' i' c' p' k' u' o' u' c' y' c' { " k' u' w' u' w' e' m' { " c' e' j' k' e' x' g' f' d' { " c' f' f' k' p' i' " x' c' t' k' q' w' u' " r' t' g' u' g' t' x' c' v' x' g' u' c' p' f " c' p' v' o' k' e' t' q' d' k' r' i' c' i' g' p' w' 0' U' k' e' p' e' g' e' q' p' u' w' o' g' t' u' f' q' p' q' v' y' c' p' v' v' q' d' g' " g' z' r' q' u' g' f' " v' q' v' j' g' u' g' u' w' d' u' c' p' e' g' u' " v' q' q' o' w' e' j . " v' j' g' h' q' f' " k' p' f' w' u' t' { " k' u' e' q' p' u' c' p' v' n' i' " m' q' n' k' p' i' " h' q' t' " c' n' g' t' p' c' v' x' g' h' q' f' " r' t' q' e' g' u' l' k' p' i' " o' g' v' j' q' f' u' l' k' p' " q' t' f' g' t' " v' q' " o' g' g' v' " v' j' g' f' g' o' c' p' f' u' f' w' g' " v' j' g' " k' p' e' t' g' e' c' u' k' p' i' " f' g' o' c' p' f' " h' q' t' " o' q' t' g' " p' c' w' t' c' n' i' r' t' q' f' w' e' u' y' k' j' " n' g' u' u' r' e' d' g' n' i' e' q' p' v' g' p' 0' C' n' j' q' w' i' j' " v' j' g' o' q' u' v' e' q' o' o' q' p' n' { " w' u' g' f' " v' j' g' t' o' c' n' i' o' g' v' j' q' f' u' l' w' e' j' " c' u' r' c' u' g' w' t' k' c' v' k' p' " c' p' f' " u' g' t' k' k' c' v' k' p' " c' t' g' " w' u' g' f' " k' p' " c' m' o' q' u' v' c' n' i' h' q' f' u' v' q' f' c' { . " t' g' u' w' u' i' c' t' g' " g' p' e' q' w' p' v' g' t' g' f' " u' j' q' y' k' p' i' " v' j' c' v' v' j' g' x' c' n' g' u' t' g' r' e' v' g' f' " v' q' p' w' t' k' k' p' c' n' i' r' t' q' r' g' t' v' k' u' " c' p' f' " u' g' p' u' q' t' { " c' r' r' g' e' t' c' p' e' g' f' g' e' t' g' c' u' g' " k' p' v' j' g' o' q' u' v' j' g' c' v' u' g' p' u' k' x' g' h' q' f' u' 0' v' j' k' u' u' w' f' { " c' k' o' u' v' q' t' g' x' g' c' n' i' v' j' g' c' u' r' g' e' u' " q' h' i' c' f' x' c' p' e' g' f' " c' p' f' " p' g' y' " v' j' g' t' o' c' n' i' v' e' j' p' q' m' i' k' u' u' w' e' j' " c' u' v' j' o' k' e' j' " g' c' v' k' p' i' " c' p' f' " f' k' e' r' g' e' v' t' k' e' j' " g' c' v' k' p' i' " " g' f' 0' o' k' e' t' q' y' c' x' g' " j' g' c' v' k' p' i' " c' p' f' " t' e' f' k' t' h' t' s' w' g' p' e' { " j' g' c' v' k' p' i' + v' j' c' v' g' z' v' g' p' f' " v' j' g' u' j' g' h' i' r' k' e' g' q' h' v' j' g' r' t' q' f' w' e' v' c' p' f' " r' t' g' u' g' t' x' g' " k' u' r' j' { u' k' e' c' n' i' p' w' t' k' k' p' c' n' i' x' c' n' g' " c' p' f' " u' g' p' u' q' t' { " s' w' e' r' t' c' r' e' u' y' k' j' q' w' " g' z' r' q' u' k' p' i' " h' q' f' u' v' q' v' j' g' p' g' i' c' v' k' x' g' g' h' g' e' u' q' h' j' " g' c' v' 0' }

**Keywords:** "Rcu'gw'k' c'v'k'p. 'u'g't'k'k' c'v'k'p. 'q'j o k' e' j' g' c' v' k' p' i . 'f' k' e' r' g' e' v' t' k' e' j' g' c' v' k' p' i' 0'

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SYNTHESIS AND CHARACTERIZATION OF BLACK PLUM WOOD NANOFIBERS BY ACID HYDROLYSIS AND ITS PHOTODEGRADATION STUDIES OF METHYLENE BLUE

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*Prasannakumar J K<sup>a\*</sup>, Krishnakumar T K<sup>b</sup>, Manjunath N S<sup>c</sup>, Shivakumaraswamy G M<sup>d</sup>*

<sup>c</sup> Fgrctwo gpv'qhlEj go kmt { .Dcrwlk'kpuakwag'qhlGpi kpggtkpi 'cpf 'Vgej pqrqi { .Fcxpcici gtg/799226. "

Mctpcvnc. 'kpfkc "Chhkkcvgf 'v'Xkuxguxctc {c 'Vgej pqrqi kecn'Wpkxgt ukf. 'Dgrci cxtk"

<sup>d</sup> Fgrctwo gpv'qhlRj { ukeu. 'Dcrwlk'kpuakwag'qhlGpi kpggtkpi 'cpf 'Vgej pqrqi { .Fcxpcici gtg/799226. "

Mctpcvnc. 'kpfkc "Chhkkcvgf 'v'Xkuxguxctc {c 'Vgej pqrqi kecn'Wpkxgt ukf. 'Dgrci cxtk"

<sup>e</sup> Fgrctwo gpv'qhlDkqvej pqrqi { .Dcrwlk'kpuakwag'qhlGpi kpggtkpi 'cpf 'Vgej pqrqi { .Fcxpcici gtg/799226. "

Mctpcvnc. 'kpfkc "Chhkkcvgf 'v'Xkuxguxctc {c 'Vgej pqrqi kecn'Wpkxgt ukf. 'Dgrci cxtk"

<sup>f</sup> Fgrctwo gpv'qhlGrgext kecn'cpf 'Grgext qpkeu'Gpi kpggtkpi .Dcrwlk'kpuakwag'qhlGpi kpggtkpi 'cpf "

Vgej pqrqi { .Fcxpcici gtg/799226. 'Mctpcvnc. 'kpfkc "Chhkkcvgf 'v'Xkuxguxctc {c 'Vgej pqrqi kecn'

Wpkxgt ukf. 'Dgrci cxtk"

#### ABSTRACT

Vj g'ewttgpv'tgugctej "go rj cuk gu'iki pqegmwwug"o cvgtkcn'DrceniRmo "Y qqf "cnuq"npqy p"cu"U//i kwo " ewo kpk'ku'utcpuhqto gf "kpvq'egmwwug"d { "rtgtgcwo gpv'y kj "P cQJ "cpf "P cErQ4"Uqnwkpq."vj g'egmwwug" qdvcckpgf "y cu'utcpuhqto gf "kpvq'pcpqegmwwug"\*P E+d { "celk "j { f tqn { uki'hqmy gf "d { "wmtcuqpleckvqp."cpf " egpvtkhwi cvkqp0' ZTF " \*Z/tc { " f khtcevkp+." UGO " \*Uecppkpi " Grgextqp" O letueqr {+ " HVKT " \*Hqvtkgt " utcpuhqto " kpltctgf " ur gextueqr {+ " cpf " VI C IF VC " \*Vj gto qi tcxko gvt { " cpf " Fkhtgtpvkn' Vj gto cni' Cpcn { uku+ctg'wugf "v'ej ctcevgtk g'vj g'pcpqegmwwug'vj cv'j cu'dggp"u { pvj guk gf 0Ceeqtf kpi "v'vj g'HVKT " hkf kpi u "vj g'ej go kecn'utwewtg"qh'egmwwug"u { pvj guk gf "htqo "vj g'ug"ci tlewmwcn'dkqo cuugu'tgo ckp" wpcnmgf "d { "vj g'u { pvj gvle'cr r tqcej 0Ceeqtf kpi "v'UGO "uwf lgu "vj g'u { pvj gvle'r tqegf vtg'hqmy gf "chgeu" vj g'o qtrj qm { "qh'qdvcckpgf "pcpqegmwwug0'ZTF "uwf lgu'tgxgn'vj g'et { ucnkpg'cpf "ugo k/et { ucnkpg" pcwtt'qh'vj g'pcpqegmwwug0'VGO "o qpqi tcr j u'knwctcv'vj g'whtceg'utwewtg'cpf "uk g'qh'vj g'u { pvj guk gf " pcpqegmwwug"tcpi kpi "htqo "32"vq"62"po 0'Uqpleckvqp"o cngu" c"tgo ctnrdng" f getgcug"kp"vj g'uk g'qh' pcqqr ctvngu0'Vj g'vj gto cni'ucdkk { "qh'pcpqegmwwug'ku'tgxgcnf "d { "VI C IF VC"uwf lgu'cpf "vj g'qdvcckpgf " pcpqegmwwug'uj qy u'vj gto cni'ucdkk { "kp"vj g'tcpi g'qh'4: 2"AE "vq"722"AE0Vj g'F gi tcf cvkqp'uwf lgu'tgxgn' vj cv'vj g'ghgevkxg'tgo qxcn'qh'o gvj { rpgg'dmng0'

**Keywords:** DrceniRmo 'y qqf . 'Egmwwug. 'hki plp. 'P cpqegmwwug. 'O gvj { rpgg'dmng0'

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# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## HASTAYKEN İŞE GELME (PRESENTEİZM): VOSVIEWER İLE BİBLİYOMETRİK BİR İNCELEME

### PRESENTEEISM: A BIBLIOMETRIC INVESTIGATION WITH VOSVIEWER

**Doç. Dr. Gökhan KERSE**

*Me hne u' ©pkxgt ukxguk "mkucf k'xg" f ct k'Drko ıgt "Hcn Ğnguk*

*QTEK F "PQ <2222/2224/3787/; 332"*

**Öğr. Gör. Dr. Şeref MADEN**

*Dqmw' Cdcpv' || gv' Dc {uc rı' ©pkxgt ukxguk "O gj o gv' Vcpt, mww' Ue n n! J k o g vgt k' O gurgnı Ğ Ğ Amıgnı mww"*

*QTEK F "PQ <2222/2224/6; 68/7667"*

**Evrım TARTAN SELÇUK**

*Mct co cpq nw' O gj o gv dgl " ©pkxgt ukxguk "QTEK F "PQ <2222/2224/6354/4987"*

### ÖZET

Dw' ±cn o cf c" j cuc {ngp" k g" i grm g" qırtcm' grg" cnpcp" rtgugpvğk o " nıxtco ,pc" qf cmıep ,m , " xg" r t g u g p v g k o n g ' k i k k { c r , m , " ± c n o c r t t f c p ' f w t w o ' v g u r k k { c r , m e { c ' ± c n , m , v t o D w f q t w n w f c ' ± c n o c ' x g t u k ' k e k p " Y g d ' q h ' U e k p e g ' f k m e v g ' c n p o , " x g ' n u p w { n ' k i k k ' u q p " 3 2 " { , n l k e p f g ' \* 4 2 3 7 / 4 2 4 6 " c t c u , + { c r , n p ' ± c n o c r t ' v g u r k ' g f k o k v t 0 [ k p g ' c t e v t o c f c ' ± c n o c ' v Ğ Ğ ' k p f g m i ' x g ' f k i ' i k d k ' n t k g t r g t g " i 3 4 g ' g r g o g r g t " { c r , m , " x g ' p l j c { g v k p f g " 3 ; 6 : " ± c n o c p , p ' g r f g ' g f k f k k ' i 3 4 r g p o k v t 0 D w ' x g t k r g t " k e k p " X Q U k g y g t " r t q i t c o , " m w n e p , m , " x g ' c o e ± ' f q t w n w u w p f c " d g r k r k ' v g u r k u g t " { c r , m , v t 0 ' ¥ c n o c f c " 3 / p e g r k m g " { c | c t r t ' c t c u , p f c n k ' x g ' Ğ m g r g t ' c t c u , p f c n k ' d e n p v , n t ' d g r k r g p o k v t 0 D w f q t w n w f c ' o { c p i . " v Ğ . " o m j c u w ' f Ğ ' x g ' o n e t c p k n e / o w t t c { . " o Ğ ' i k d k { c | c t r t , p 3 / 4 ' r n e p c ± , n v , ' i 3 4 r g p o k v t 0 Ğ m g r g t ' d c | , p f c ' k u g ' g p ' h e ' n ' d e n p v , { c ' u c j k r ' Ğ m g r t k p ' C m c p { c ' x g ' p i k u g t g ' q r f w w i 3 4 Ğ m Ğ v Ğ t 0 D k r k m g ' d w n w p c p ' e p c j v e t " n g r k o g r g t g ' d e m r f , , p f c " r t g u g p v g k o . " c d u g p v g k o . " u c n m " j g o k t g r g t . " o g u r g n k ' u c n m " x g t k o r k d m " t g h c j " i k d k ' e p c j v e t " n g r k o g r g t k p " 3 / 4 ' r n e p c ± , n v , " d g r k r g p o k v t 0 U q p ' q r t e m ' e v , h ' e p e r k k p f g ' g p ' h e ' n ' e v , h e t , p " G w t q r g e p " l q w t p e n ' q h ' Y q t n l e p f " Q t i e p k e v k a p e n R u { e j q r n i { . " J w o e p " T g r e v k a p u " k v g t p e v k a p e n l q w t p e n ' q h ' G p x k t q p o g p e n ' T g u g t e j " c p f " R w d i k e " J g e n j " x g " l q w t p e n ' q h ' Q e e w e v k a p e n J g e n j " R u { e j q r n i { " f g t i k e t k p g " { c r , r f , , ' v g u r k ' g f k o k v t 0 "

**Anahtar Kelimeler:** "J cuc {ngp" g" I grm g. "Rtugugpvğk o . "XQUkly gt. "Dkdkıqo qvtnıCpcrkı ""

### ABSTRACT

Vj ku'uwf { "hewugf "qp"vj g'eqpegr v'qh'rtugugpvğkuo . "y j k e j " k u ' e q p u k f g t g f " c u ' e q o k p i " v q ' y q t n l y j k r g ' u k e m " c p f " c w g o r v g f " v q ' f g v t o k p g ' v j g ' u c w u ' q h ' u w f k u ' e q p f v e v g f " q p ' r t g u g p v g k u o 0 k p ' v j k u ' e q p v g z v . " v j g ' Y g d ' q h ' U e k p e g ' f c v d c u g ' y c u ' e n g p ' k p v ' e q p u k f g t c v k p ' h q t ' v j g ' u w f { " f c v . " c p f " u w f k u ' e q p f v e v g f " q p ' v j g ' u w d l g e v ' k p ' v j g ' r e u / 3 2 " { g c t u \* d g y g g p ' 4 2 3 7 / 4 2 4 6 + y g t g ' k f g p v h g f 0 k p ' c f f k k a p . " g r k o k p c v k a p u ' y g t g ' o c f g ' e e q t f k p i " v q ' e t k g t k ' u e j " c u ' u w f { " v i r g . " k p f g z . " c p f " n e p i w e i g ' k p ' v j g ' u w f { . " c p f " k ' y c u ' q d u g t x g f " v j c v ' 3 ; 6 : " u w f k u g " y g t g ' q d v c k p g f 0 V j g ' X Q U k l y g t " r t q i t c o " y c u ' w u g f " h q t ' v j k u ' f c v . " c p f " e g t v e k p ' f g v t o k p c v k a p u ' y g t g ' o c f g " k p ' i k p g ' y k j " v j g ' r w t r q u g 0 H k u v ' q h ' c m ' v j g ' e q p p g e v k a p u ' d g y g g p ' c w j q t u ' c p f " e q w p t k u ' y g t g ' f g v t o k p g f " k p ' v j g ' u w f { 0 k p ' v j k u ' e q p v g z v . " k ' y c u ' q d u g t x g f " v j c v ' c w j q t u ' u e j " c u ' o { c p i . " v Ğ . " o m j c u w ' f Ğ ' c p f " o n e t c p k n e / o w t t c { . " o Ğ ' e c o g " v q " v j g " h q t g 0 Q p " v j g " e q w p t { " d c u k u . " k ' y c u ' u g g p " v j c v ' v j g " e q w p t k u ' y k j " v j g ' o q u w ' e q p p g e v k a p u ' y g t g ' I g t o c p { " c p f " G p i n e p f 0 ' Y j g p ' v j g ' n g { y q t f u ' h q w p f " v i g y g t " y g t g ' g z c o k p g f . " k ' y c u ' f g v t o k p g f " v j c v ' n g { y q t f u ' u e j " c u ' r t g u g p v g k u o . " c d u g p v g k u o . " j g e n j . " p w t u g u " q e e w e v k a p e n ' j g e n j . " r t q f v e v k k v { . " c p f " y g m d g k p i ' e c o g ' v q ' v j g ' h q t g 0 H k p c m { . " k p ' v j g ' e k e v k a p ' c p e n { u k u ' k ' y c u ' f g v t o k p g f " v j c v ' v j g " o q u w ' e k g f " l q w t p e n i ' y g t g " v j g " G w t q r g e p " l q w t p e n ' q h ' Y q t n l e p f " Q t i e p k e v k a p e n R u { e j q r n i { . " J w o e p " T g r e v k a p u " k v g t p e v k a p e n l q w t p e n ' q h ' G p x k t q p o g p e n ' T g u g t e j " c p f " R w d i k e " J g e n j . " c p f " l q w t p e n ' q h ' Q e e w e v k a p e n J g e n j " R u { e j q r n i { 0 "

**Keywords:** "Rtugugpvğkuo . "XQUkly gt. "Dkdkıqo qvtnıCpcrkı uku"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SYNERGISTIC RESPONSE OF PEG COATED MANGANESE DIOXIDE NANOPARTICLES CONJUGATED WITH DOXORUBICIN FOR BREAST CANCER TREATMENT AND MRI APPLICATION

*Muhammad Asif<sup>a\*</sup>, Rubab Saher<sup>a</sup>, Ayseha Rani<sup>a</sup>, Zaib um Nisa<sup>a</sup>, M. Fakhar-e-Alam<sup>a</sup>,*

#### ABSTRACT

Abstract text describing the synergistic response of PEG coated manganese dioxide nanoparticles conjugated with doxorubicin for breast cancer treatment and MRI application. The text is highly garbled and appears to be a placeholder or a corrupted version of the abstract.

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### FEAR APPEALS IN ANTI-TOBACCO CAMPAIGNS: PERSUASION IN CDC'S TIPS FROM FORMER SMOKERS (TIPS) CAMPAIGN

*Ghaleb Rabab 'ah<sup>1,2</sup>, Fakir Al Gharaibeh<sup>3</sup>, Rima Malkawi<sup>2</sup>*

<sup>3</sup> *Fgrctwo gpv'qhlGpi rkij 'Nepi wci g'cpf 'Nagt cwt g. 'Vj g'Wpkxgt ukf 'qhl'qtfc p. 'Co o cp. 'Lqtf cp"*

<sup>4</sup> *Fgrctwo gpv'qhlHqtgki p'Nepi wci gu 'Wpkxgt ukf 'qhl'Uj ctlcj. 'RQODqz'49494. 'Uj ctlcj. 'Wpkxf 'Ctcd' Go ktcvgu0"*

<sup>5</sup> *Tgugctej 'Kpukwng'qhl'J wo cphkgu' 'Uqekn'Uekgpegu'FKI UU'Wpkxgt ukf 'qhl'Uj ctlcj. 'RQODqz'49494. 'Uj ctlcj. 'Wpkxf 'Ctcd'Go ktcvgu"*

#### ABSTRACT

Hgct"j cu'mpi "dggp'tgeqi plugf "cu"r qvcpv'vqni'ht"r gtuwkxg"eqo o wplec'kq0C"r ngj qtc"qhl'tgugctej " j cu'gzco kpgf "vj g'tqng"qhl'hgct"err gnu'kp"lphwgpelki "vj g'vcti gv'cwf kgpeg0J qy gxgt. "uecpv'cwgp'kq"j cu' dggp"i kxgp"vq"vj g'ej qlkg"qhl'gtuwkxg"utcvgi kgu'wugf "vq"etchn'hgct"o guci gu "r ctvewrctn' "kp"vj g'r wdike" j gcnj "f qo ckp0Vj ku'uwf { "cko u'vq'dtkf i g'vj g'i cr "kp"vj g'rkgtcwtg"d { "gzco kpkpi "vj g'rtgxcngpeg"qhl'hgct" utcvgi kgu'cpf "vj g"kp'vtr r { "dgw ggp"r gtuwkq"cpf "hgct"kp"cp"cpv'uo qnkpi "eco r cki p0F tcy kpi "qp" Ctkuq'vq'u'r gtuwkq"vj ggt { "cpf "Hgct"Cr r gnu'd { "Y kwg'cpf "Cngp"\*4222+"y g"eqpf vevf "c"s wckc'kxg" cpcn'uku"qp" c"eqtr wu'qhl'49"r tguu'tgrgcugu."ur cppkpi "htqo "4234"vq"4246."ewtcvgf "htqo "Vj g'Egpgtu'ht" F kugcug"Eqpvtqni'cpf "Rtgxgp'kq'u" \*EFE + "Vkr u"htqo "Hqto gt"Uo qngtu" \*Vkr u"eco r cki p0Vj g"cpn'uku" t'gxcnu' h'xg" r t'gqo kpcpv' hgct" utcvgi kgu' w'k'ugf " d { "vj g' EFE "kp" vj gk" r t'guu' t'grgcugu" hgct/kpf wegf " pttc'kxgu" " j gcnj /j c| ctf" go r j cuku" uc'v'k'ku" g'zr gtv' gpf qtugo gpv." cpf " vti gpe { 0' Vj gug" utcvgi kgu' gpj cpeg"vj g' EFE) "o guci g" d { "co r rkh' kpi "hgct"err gnu."vj gtd { "cngtkpi "uo qngtu"ewt'g'v'dgj c'xk'wtu" cpf "cwkwf gu0Vj ku'uwf { "eqpvt'kdwgu'vq"vj g'rkgtcwtg"d { "r tqxkf kpi "kuki j w'k'vq"vj g'utcvgi kgu'cf qr vgf "kp" etchn'kpi "hgct"err gnu'kp"cpv'uo qnkpi "eco r cki pu'cpf "j qy "hgct"r cwgtpu'uj cr g'kpf k'kf w'cu' d'gj c'xk'wtcn' ej cpi g'ci c'kpu'uo qnkpi "vq'dceeq0"

**Keywords** <Hgct"err gnu."r gtuwkq."r wdike"j gcnj "eqo o wplec'kq."EFE."cpv'uo qnkpi "eco r cki p." dgj c'xk'wtcn'ej cpi g"



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#### MAXIMIZING SOLAR POWER GENERATION IN VERTICAL BIFACIAL PANEL SYSTEMS BY DESIGNING DEEP LEARNING MODELS

Farjana Rahman<sup>1</sup>, M. Thien Phung<sup>1</sup>, Sadia Ameen<sup>3</sup>, M. Shaheer Akhtar<sup>1,2\*</sup>

<sup>1</sup>I tcf wcvgf "Uej qqn'qhl'k'p'v'gi tcvgf "Gp'gti {/CK'Lgqpdwmi'Pcvkqpcn'Wpkxgt'uk'f. 'Lgqplw:'76: ; 8. 'Tgdwdrke'qhl' Mqt gc"

<sup>4</sup>Pgy "cpf "Tgpgy cdrg'Gp'gti { "Ocvgt'knu'F'gxgrq' o'gpv'E'gpvt \*Pgy TGE+ "Lgqpdwmi'Pcvkqpcn'Wpkxgt'uk'f. " Lgqpdwmi'Tgrwdrke'qhl'Mqt gc"

<sup>5</sup>Cf'xcpegf "Ocvgt'knu'cpf "F'gxkegu'Ncdqtcvq'f. "F'grctwo'gpv'qhl'Dkq/E'qpxgti'gpeg'Uekpeg.'Lgqpdwmi' Pcvkqpcn'Wpkxgt'uk'f. 'Lgqpi'gwr'Eco'rwu.'78434. 'Tgrwdrke'qhl'Mqt gc"

#### ABSTRACT

Hqtgecu'kpi "u'rt'g'p'gti { "cpf "k'p'v'gi tcv'kpi "t'gpgy cdrg'u'k'p'v'j' g"i t'k'f "ctg"x'k'cn'l'ht' "u'tcv'gi le"i m'q'cn'l'g'p'gti { " u'f' u'go "r'nc'p'k'pi 0'Vj' g"t'rc'k'f "cf'xc'p'ego'gpv'k'p"u'rt'r'qy'gt' "v'ej'p'q'm'i { "j'cu't'g'eg'p'v' "d'ggp"ko'rc'ev'gf"d {" h'ev'qt'u'we'j' "cu'm'ec'v'k'p'p."erko'cv'g."cpf"y'g'cv'j'gt"eq'p'f'k'k'q'pu."y'j'k'ej' "r't'g'ug'p'v'ej'cm'g'pi'gu'k'p"eq'p'uk'ug'p'v'u'rt'r' qy'gt' "r't'q'f'v'ek'q'p" cpf "f'k'm't'd'w'k'q'p'0' Vq" cf'f't'gu' "v'j'g'ug" ej'cm'g'pi'gu' "y'q" f'g'gr' "r'g'ct'p'k'pi " o'q'f'g'n'u' E'q'p'x'q'n'w'k'q'pc'n'l' P'g'w'c'n'l' P'g'y'q't'm'l' \*E'P'P "+"cpf "N'q'pi " U'j'q't'v'V'g'to "O'g'o'q't {" \*N'U'V'O "+"y'k'j' "o'w'n'k'j'g'c'f" c'w'g'p'v'k'q'p'o'g'ej'c'p'k'u'o' /y'g't'g'w'n'k'k'g'f "v'q'h'q't'g'ec'u'v'u'rt'r'qy'gt'i'g'p'g't'c'v'k'q'p'k'p'c'eq'o'rc'ev'u'rt'r'qy'gt'u'f' u'go 0' Vj'g'r't'k'o'c't {"i'q'c'n'l'q'h'v'j'k'u'y'q't'n'l'k'u'v'q'f'g'x'g'r'q'r "o'q'f'g'n'u'ec'r'cd'rg"q'h'c'ee'w't'c'v'g'n'l' "h'q't'g'ec'u'k'p'i "u'rt'r'qy'gt' i'g'p'g't'c'v'k'q'p'd {"c'p'c'n'l'k'p'i "v'j'g'f'c'v'c'ug'v'q'h'u'rt'r'qy'gt'0'Vj'g't'c'y' "r'qy'gt'i'g'p'g't'c'v'k'q'p'f'c'v'y'cu'eq'm'g'ev'gf"i't'q'o' . " x'g't'v'ec'n'l'o'q'p'q'h'ec'ek'n'l'c'p'f "d'l'h'ec'ek'n'l'u'rt'r'k'p'u'c'm'c'v'k'q'p'u'm'ec'v'gf "c'v'v'j'g'D'w'c'p/i'v'p.'L'g'q'p'd'w'm'U'q'w'j' "M'q't'g'c'u'rt'r' r'nc'p'v'0'F'c'v'c'eq'm'g'ev'k'q'p'h'q't' "v'j'g'x'g't'v'ec'n'l'u'rt'r'u'f' u'go u'ur'c'p'p'g'f "i't'q'o' "O'c't'ej' "4244"v'q'H'g'd't'w'c't {"42450'Vj'g' x'g't'v'ec'n'l'u'rt'r'c'p'g'n'u'y'g't'g'q't'k'p'v'g'f'k'p'lu'w'j' /p'q't'v'j' 'c'p'f' 'g'c'u'v'y'g'u'f'k'g'ev'k'q'p'u'h'q't' "v'j'g'b'q'p'q'h'ec'ek'n'l'c'p'f "d'l'h'ec'ek'n'l' eq'p'h'i'w'c'v'k'q'p'u'0'c'h'g't' "f'c'v'c'x'k'u'w'c'k'f'c'v'k'q'p"cpf "o'q'f'g'n'l'x'c'k'f'c'v'k'q'p."v'j'g'E'P'P "o'q'f'g'n'l'f'g'o'q'p'u't'c'v'g'f "u'w'r'g't'k'q't' "h'q't'g'ec'u'k'p'i "c'ee'w't'c'e {"g'x'l'f'g'p'eg'f "d {"g'z'eg'r'v'k'q'p'c'm'l' "m'y' "T'q'q'v'0'g'ep"U's'w'c't'g'G't't'q't' \*T'O'U'G "+"c'p'f "O'g'ep" U's'w'c't'g'G't't'q't' \*O'C'G "+"x'c'm'g'u'0'P'q'c'd'n'l' .k'p'lu'w'j' /p'q't'v'j' "d'l'h'ec'ek'n'l'u'f' u'go . "v'j'g'E'P'P "o'q'f'g'n'l'c'ej'k'g'x'g'f "v'j'g'o'q'u'v' r't'g'ek'ug'r'qy'gt' "h'q't'g'ec'u'v' {"k'g'r'f'k'p'i "c'p"O'C'G'q'h'2022; 5"cpf "c'p"TO'U'G'q'h'2023740'Vj'k'u'j'k'i'j' "h'q't'g'ec'u'k'p'i " r'g't'q't'o'c'p'eg'k'u'h'k'g'n'l' "f'v'g'v'q'v'j'g'g'h'g'ev'k'g'q'h'E'P'P "c'p'f "eq'o'd'k'p'c'v'k'q'p'q'h'N'U'V'O "y'k'j' "o'w'n'k'j'g'c'f "c'w'g'p'v'k'q'p." y'j'k'ej' "eq'm'g'ev'k'x'g'n'l' "g'p'j'c'p'eg'f "v'j'g'o'q'f'g'n'u'c'ee'w't'c'e {"h'q't'x'g't'v'ec'n'l'u'rt'r'u'f' u'go u'0"

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#### FRACTIONAL-ORDER STOCHASTIC MODEL FOR NOROVIRUS ANALYSIS

*Armughan Ayaz*

##### ABSTRACT

$\mathbb{R}^n$  'y ku' r er gt. "c" er ukeci' P qtqxtwu "HP qX+" gr kf go le" o qf gr' ku' f gxnqr gf "kpv" c "Itevkqpcn' P qtqxtwu" \*HP qX+ b qf gr' y kj 'Ecr wq' f gtxcvxgu' Vj g' Itevkqpcn' b qf gr' ku' y gp' f kxwugf "v" g' zco kpg' ku' f { pco keci' ej ctcevgtku' eu' y j gt g'  $R_0$  "ku" ecrewcvf "hqt" eco r cki p" qh' f kugcug' v' c' puo kulkp' 0' Vj g' r qukkxk' "cpf" "y" g' dqwpf gf pgu' qh' y g' Itevkqpcn' b qf gr' ct g' xgt' kkgf "d" { "guvdrkj kpi" "uqo g' uc' pf ctf "t' guvdrkj g' v' pks wpguu" cpf "gz kugpeg" qh' y g' uq' nwkqpu' ctg' i wctcpvgf "d" { "cr r n' kpi" "y" g' Dcpcej "hkgf" r q' kv' y g' qtgo 0' Vj g' i kxgp" cpcn' v' keci' t' guvdrkj y qy "y" g' r t' g' upeg' qh' y q' u' v' d' r' g' u' v' u' k' p' y' g' Itevkqpcn' u' u' v' go . "cpf" "dqy" "qh' y g' u' v' u' r' t' xg' y' g' k' u' c' d' k' k' v' { "k' p' y' g' u' g' p' u' g' qh' N" { "cr v' p' x' 0' C' f' f' k' k' p' c' m' { . "y" g' HP qX" o qf gr' ku' eqpxgt' v' f "kpv" y' g' u' v' e' j' c' u' k' e' "Itevkqpcn' P qtqxtwu" \*UHP qX+" o qf gr' k' p' q' t' f' g' t' "v" c' f' f' "u' v' e' j' c' u' k' e' "Itevkqpcn' u' v' e' j' c' u' k' e' v' { "k' p' f' k' u' c' u' g' g' x' q' n' w' k' p' 0' C' p' g' y' "cr r' t' q' z' k' o' c' v' k' p' i' "v' e' j' p' l' s' v' g' . "y" g' I N/ P UHF "u' e' j' g' o' g' ku' cr r' r' k' g' f' v" p' w' o' g' t' l' e' c' m' { "k' p' v' i' t' e' v' g' y' g' UHP qX" o qf gr' cpf "uc' pf ctf "h' k' p' k' g' f' k' h' g' t' g' p' e' g' u' ctg' wugf "v" r' t' g' u' g' x' g' y' g' r' q' u' k' k' x' k' v' { "cpf" "dqwpf gf pgu' qh' y g' f' k' u' e' t' g' v' k' c' v' k' p' 0' Vj g' b' qf gr' u' d' g' i' c' x' k' q' t' ku' g' z' g' o' r' n' k' g' f' "y" t' q' v' i' j' "p' w' o' g' t' l' e' c' n' u' k' o' w' r' v' k' p' u' y' k' j' "y" g' c' k' f' "qh' v' g' u' v' g' z' c' o' r' n' g' u' y' j' k' g' h' p' c' n' t' g' o' c' t' m' u' r' t' q' x' k' f' g' r' t' q' h' w' p' f' "eq' p' e' n' w' k' p' u' 0'

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#### İLK ÇAĞDAN ORTA ÇAĞA UZANAN ZAMAN DİLİMİNDE ÜNİVERSİTELERİN GELİŞİMİ<sup>1</sup>

#### THE DEVELOPMENT OF UNIVERSITIES FROM THE EARLY AGES TO THE MIDDLE AGES<sup>2</sup>

Öğr. Gör. Dr. Gülsüm Şimşek

Quo c plq g'Mqt mw' Cvc '©pkxgt ukxguk'

QTE F <2222/2223/: ; 44/42: . . "

#### ÖZET

F Āp{cf c" Āpkxgtukxgrgtk'p" i grk ko k'km'±c . "qtvc"±c . "wvw'f gxrvg." i ktk ko ek'xg"o Āngo o gmg gp" { cr ,net" qm cml'Ā gtg"±g kxkħcvgi qtkrgtg'c {t,m cmcf ,t0Dw'±cn , o cp,p'co ce, 'km'±c f cp'qtvc'±c c'w' cpcp' | co cpc" f kko kpf g" Āpkxgtukxgrgtk'p" i grk ko 'c co cu,p, 'qtvc {c'hq {o cmv,t0Nkxgtcv'Āf g' i gpgrikxkdtk' rē' Āpkxgtukxgrgtk'p" i grk ko k' qtvc" ±c f cp" dc rēv,m cmcf ,t0' Cpecn' km' ±c " f 3/4go kpf g" Āpkxgtukxgrgtk'p" i grk ko k' rē' ki k' dki krgt' rēkxgtcv'Āf g' c' | "uc { ,f c"tcuwp,m cmcf ,t0Dw'pgf gprg"ctc vto c"crēpf c"ħctmnm'ct | "gvo gmgf kt0 Ctc vto c'f gtrgo g'±cn , o cf ,t'xg" i 3/4pgo kxkxgtcv'Āf "vteco cu,f ,t0"

O 0 " Ā0' [ Ā { ,np" dc net,pf c" Rrcvq. " Cvkpc' c' f Āp { cf cnk' d'Āv'Āp" Āpkxgtukxgrgtk'p" cvcu, "qrctm' dki k'p'p' oCmef go kō" { ,.ctf ,pf cp" Ctkuq' f c" N { ngkqpw' nwtō w wt0' Ctkuq' c'p" uqpte" dki ko " | c { ,ħc { ctcml' vpcp" ħngughuk' Tqf qu' c'p" ungp'f g'k' g' g' i g±o k' v' t0' ungp'f g'k' g' g' ecp" dwēp" { gpk' ħngughuk' cmo " o [ gpk' ħncwpew' nwtō' qrctm' qtvc { c' ±,no , v,t0O 0' " Ā0' [ Ā { ,rf c' Cvkpc' c'p' dki ko " k'puc' p'c ,p' i 3/4' rē' dc rē { cp" dkt' o k' q' c' { c' mp' gn' | c' | o cu, "gugt' uc' j k' " q' c' p' ungp'f g'k' g' m' Āv' Ār' j c' p' g' k' O UOX0' [ Ā { ,rf c' " vj tk' " gf k' k' " { qm' qm w wt0' [ vpcp" ħngughuk' Cvkpc' c'p' Tqf qu' xg" ungp'f g'k' g' g' ungp'f g'k' g' g' p' Cpvcml' c' o' c' . Cpvcml' c' o' c' p' Wħc' o' c' . Wħc' o' c' p' f' c' J cttepc' i g±gt' gn' P cuwtk' [ cmwdk' xg' [ c' j w' k' g' t' k' p' { c' t' f' ,o , { m' { c' x' c' " { c' x' c' { c' ,m , v,t0' urco " ħngughuk' p' g' d' urco " T' 3/4p' g' u' p' o' ħctm' c' p' ,o rēpcp' f' 3/4go f' g' dp" T' Ā v' dp' / K' U' p' c' xg' " ħctcdk' 3/4p' ±,nēp' ħkq' q' ħctf ,t0' Cpecn' urco " T' 3/4p' g' u' p' f' 3/4go k' p' g' I c' | grk' xg' dp" T' Ā v' c' t' e' u' p' f' c' v' c' v' , o c' ±,no , v,t0I c' | c' r' k' urco k' g' w' f' g' C' t' k' u' q' ħngughuk' p' f' c' { c' p' c' p' i' g' r' g' p' g' g' ħct' , ±,no , v,t0' dp' T' Ā v' k' g' urco " i' g' r' g' p' g' m' g' t' k' p' k' C' t' k' u' q' xg' R' r' c' v' q' p' i' g' r' g' p' g' m' g' t' k' p' g' f' c' { c' p' f' ,to , v,t0' V' c' t' v' , o c' { , " I c' | grk' nē' | c' p' o , v,t0' C' p' e' c' n' I c' | c' r' k' o' k' p' i' c' r' i' k' k' g' v' k' rē' d' k' r' k' m' g' d' k' r' o . " v' g' m' p' q' m' l' k' f' g' x' r' v' { c' r' , u , x' d' o' d' c' v' f' c' p' 3/4p' g' q' r' e' p' urco " o' g' f' g' p' k' g' v' i' g' t' k' g' o' g' g' dc rēo , v,t0' D' c' v' , urco " o' g' f' g' p' k' g' v' k' p' g' ; 0' { Ā { ,rf c' " { 3/4p' g' m' g' g' g' dc rēo , v,t0' nk' o' g' f' g' p' k' g' v' c' t' e' u' p' f' c' n' k' k' k' nk' urcp { c' xg' U' e' k' n' c' o' c' " m' w' t' w' o' w' wt0' G' o' g' x' , r' g' t' k' p' { Ā { , m' t' e' c' urcp { c' o' f' c' " nē' m' cu, ħctm' f' l' u' k' r' i' p' r' g' t' g' c' k' / C' t' e' r' ±c . " ħct' u' c' . " d' t' e' p' k' e' g' . " U' Ā { c' p' l' e' g' g' u' g' t' r' g' t' k' p' N' e' v' k' e' g' o' g' x' g' j' c' m' i' f' k' m' g' t' k' p' g' ±g' x' t' k' o' g' u' k' p' k' u' c' rēo , v,t0' D' c' v' , p' o' , p' c' { f' , p' r' e' p' o' cu, p' f' c' " d' g' u' r' g' p' k' k' Ā' ±' v' g' o' g' n' ħc { p' c' n' G' p' f' Ā' Ā' u' . " U' e' k' n' c' x' g' J c' ±n' " U' g' h' t' r' g' t' k' f' k' t' o' C' x' t' w' c' o' f' c' " Ā' p' k' x' g' t' u' k' x' g' r' g' t' " m' w' t' w' o' c' f' c' p' 3/4p' e' g' " J t' k' u' k' c' p' 3/4 t' g' p' e' k' r' g' t' urcp { c' o' f' c' n' k' urco " g' k' o' " m' w' t' w' o' r' e' t' , p' c' i' ko' g' m' g' f' k' g' t' o' D' w' p' g' f' g' p' r' g' " C' x' t' w' c' " o' f' g' n' k' k' m' i' Ā' p' k' x' g' t' u' k' x' g' r' g' t' p' m' w' t' w' o' c' c' c' o' cu, p' f' c' " 3/40xg' 350' { 0: " urcp { c' o' f' c' G' p' f' Ā' Ā' u' o' g' f' g' p' k' g' v' k' c' t' c' h' p' f' c' m' w' t' w' o' p' g' k' o' " m' w' t' w' o' r' e' t' , p' f' c' p' g' u' k' p' r' e' p' k' o' k' v' t' 0' urco " d' k' r' o' " g' u' g' t' r' g' t' k' p' k' p' N' e' v' k' e' g' o' g' ±g' x' t' k' f' k' k' f' 3/4p' o' r' g' t' f' g' " C' x' t' w' c' o' f' c' " Ā' p' k' x' g' t' u' k' x' g' r' g' t' " m' w' t' w' o' c' { c' dc rēo , v,t0Q' t' v' c' ±c f' c' " m' w' t' w' o' p' k' m' i' Ā' p' k' x' g' t' u' k' x' g' r' g' t' p' k' e' g' t' k' m' g' t' k' p' f' g' l' v' p' c' p' . " T' q' o' c' x' g' urco " o' g' f' g' p' k' g' v' k' g' v' i' k' k' q' m' w' wt0"

Anahtar Kelimeler: "©pkxgtukg." m'f' c . "©pkxgtukxgrgtk'p" I grk ko k'

<sup>3</sup>Dw'±cn o c' Cpnc' t' c' ©pkxgtukguk' Uqu { c' n' Dki ko rē' G' p' u' k' Ā' u' Ā' J' c' m' m' r' k' n' k' r' g' t' x' g' V' c' p' , v' o' " C' p' e' d' k' r' o' f' c' n' p' f' c' f' q' ±0f' t0' C' u' n' | c' o' w' t' w' o' f' c' t' c' v' c' t' c' h' p' f' c' p' { Ā' Ā' v' Ā' r' e' p' x' g' " t0I 3/40I Ā' u' Ā' o' ko' g' n' i' v' c' t' c' h' p' f' c' p' j' c' | , t' r' e' p' c' p' o' j' c' m' m' r' k' n' k' r' g' t' f' g' O' Ā' n' g' o' o' g' n' k' n' i' M' w' t' w' o' , " 3/4 g' t' ±g' x' g' u' k' p' f' g' " V' Ā' n' k' { g' o' f' g' n' k' " ©pkxgtukxgrgtk'p" J' c' m' m' r' k' n' k' r' g' t' " D' k' r' o' r' g' t' k' p' g' [ 3/4p' r' i' k' n' i' D' k' t' C' t' c' v' t' o' c' / 42436' f' q' m' q' t' c' " v' g' l' p' k' p' " Ā' ±' Ā' p' e' Ā' d' 3/4 Ā' o' Ā' p' f' g' p' " o' i' g' ±o' k' v' p' " I' Ā' p' Ā' o' Ā' Ā' g' " ©pkxgtukxgrgtk'p" I' grk' ko' kō' Ā' g' v' k' r' o' k' v' t' 0"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

Vj g'f g'xgnr o gpv'qh'wpxgtuklgu'lp'vj g'y qtrf 'ecp'dg'f k'k'f gf 'k'p'v'x'c't'k'w'u'ec'v'gi q't'k'g'u'w'ej 'c'u'g'c't'n'f. 'b' k'f' r'g' ci g. 'p'c'v'k'p' 'u'c'v'g. 'g'p'v't'r' t'g'p'g'w't'c'n'f'c'p'f 'r' g't'h'g'e'v'k'p'i 'u't'w'e'w't'g'u'0'V'j' g'c'k'o 'q'h'v'j' k'u'w'w'f { 'k'u'v'q' 't'g'x'g'e'n'v'j' g' 'u'c'i' g' q'h'f' g'x'g'n'r' o' g'p'v'q'h'w'p'k'x'g't'uk'l'g'u' 'h't'q'o 'v'j' g'g'c't'n'f' 'c'i' g'u'v'q' 'v'j' g' 'b' k'f' r'g' 'c'i' g'u'0'k'p' 'v'j' g' 'r'k'g't'c'w't'g'. 'v'j' g'f' g'x'g'n'r' o' g'p'v' q'h'w'p'k'x'g't'uk'l'g'u' 'i' g'p'g't'c'm'f' "u'c't'v'u' 'h't'q'o 'v'j' g' 'o' k'f' r'g' 'c'i' g'u'0'J' q'y' g'x'g't'. "k'p'h'q't'o' c'v'k'p' "q'p" 'v'j' g'f' g'x'g'n'r' o' g'p'v' q'h'w'p'k'x'g't'uk'l'g'u' 'lp' 'v'j' g'g'c't'n'f' 'c'i' g'u'k'u't'c't'g' 'k'p' 'v'j' g' 'h'k'g't'c'w't'g'0'H'q't' 'v'j' k'u't'g'c'u'q'p'. 'v'j' g' 't'g'g'c't'e'j' 'k'u'f' k'h'g't'g'p'v'k'p' 'v'j' g' 'h'g'r'f' 0' V'j' g' 't'g'g'c't'e'j' 'k'u'c' 't'g'x'k'g'y' 'u'w'f' { 'c'p'f' 'k'u' 'o' g'v'j' q'f' 'k'u' 'h'k'g't'c'w't'g' 't'g'x'k'g'y' 0'

C'v'v'j' g' 'd'g'i' k'p'k'p'i 'q'h'v'j' g' 'K' 'e'g'p'w't' { 'D'E'. 'R'v'v'q' 'h'q'w'p'f' g'f' 'v'j' g' '-C'n'c'f' g'o' k'e'0'k'p' 'C'v'j' g'p'u' 'y'j' k'ej' 'k'u' 'h'p'q'y' p' 'c'u' 'v'j' g' c'p'e'g'w'q't' 'q'h'c'm'f'w'p'k'x'g't'uk'l'g'u' 'lp' 'v'j' g'y' q't'r'f'. 'c'p'f' 'v'j' g'p' 'C't'k'u'q'v'g' 'h'q'w'p'f' g'f' 'v'j' g' 'N' { 'n'g'k'q'p'0'c'h'v'g't' 'C't'k'u'q'v'g'. 'u'el'g'p'eg' 'y' g'c'n'g'p'g'f' 'c'p'f' 'I' t'g'g'n'l'r' j' k'q'u'q'r' j' { 'r' c'u'g'f' 'h't'q'o 'T'j' q'f' g'u'v'q' 'C'g'z'c'p'f' t'k'0'V'j' g' 'p'g'y' 'r'j' k'q'u'q'r' j' k'ec'r'i'o' q'x'g'o' g'p'v' 'v'j' c'v'e'c'o' g' 'v'q' 'h'k'g' 'k'p' 'C'g'z'c'p'f' t'k' 'g'o' g't'i' g'f' 'c'u' '-P' g'y' 'R'v'v'q'p'k'u'o' 0'V'j' g' 'h'k'd't'c't' { 'q'h' 'C'g'z'c'p'f' t'k'. 'y'j' k'ej' 'j' c'f' 'p'g'c't'n'f' "q'p'g'o' k'k'q'p' "o' c'p'w'et'k'r' v'u' 'y'j' k'ej' "u'c't'v'g'f' 'y' k'j' 'v'j' g' 'o' k'i' c'v'k'q'p' 'q'h' 'u'el'g'p'v'k'u'u' 'h't'q'o 'C'v'j' g'p'u' 'k'p' 'v'j' g' 'K' 'e'g'p'w't' { 'D'E'. 'y' c'u'f' g'u't'q' { g'f' 'c'p'f' 'f' g'u't'q' { g'f' 'k'p' 'v'j' g' 'X' 'e'g'p'w't' { 'C'F'0'I' t'g'g'n'l'r' j' k'q'u'q'r' j' { 'i' t'c'f' w'e'm'f' 'u'r' t'g'c'f' 'h't'q'o 'C'v'j' g'p'u' 'v'q' 'T'j' q'f' g'u'v'c'p'f' 'C'g'z'c'p'f' t'k'. 'h't'q'o 'C'g'z'c'p'f' t'k' 'v'q' 'C'p'v'k'q'ej'. 'h't'q'o 'C'p'v'k'q'ej' 'v'q' 'W'h'c'. 'h't'q'o 'W'h'c' 'v'q' 'J' c't't'c'p' 'y' k'j' " 'v'j' g' 'j' g'n'r' 'q'h'P' g'u'v'q't'k'c'p'u' 'L'c'e'q'd'k'g'u'c'p'f' 'L'g'y' u'0'k'p' 'v'j' g' 'r' g't'k'q'f' 'f' g'h'k'p'g'f' 'c'u' 'v'j' g' '-K' 'i'c'o' k'e' 'T'g'p'c'k'u'c'p'eg'0'k'p' 'K' 'i'c'o' k'e' 'r'j' k'q'u'q'r' j' { " 'k'p' " 'T'w'j' f'. " 'k'p' " 'U'k'p'c' 'c'p'f' 'H'c't'c'd'k' 'y' g't'g' 'v'j' g' 'r' t'q'o' k'p'g'p'v' 'r'j' k'q'u'q'r' j' g't'u'0'J' q'y' g'x'g't'. "f' w't'k'p'i' "v'j' g' 'K' 'i'c'o' k'e' 'T'g'p'c'k'u'c'p'eg'. 'c' 'e'q'p't'q'x'g't'u'f' 'c't'q'u'g' 'd'g'w' g'g'p' 'I' j' c' | c'r'k'c'p'f' 'k'p' " 'T'w'j' f'0'I' j' c' | c'r'k'q'r' r' q'u'g'f' 'v'j' g' 't'c'f' k'k'q'p' " d'c'u'g'f' "q'p' 'C't'k'u'q'v'g' 'u' 'r'j' k'q'u'q'r' j' { " 'k'p' " 'K' 'i'c'o' 0' 'k'p' " 'T'w'j' v'. "q'p' 'v'j' g' 'q'y' g't'j' c'p'f'. "d'c'u'g'f' "K' 'i'c'o' k'e' 't'c'f' k'k'q'p'u' 'q'p' 'v'j' g' 't'c'f' k'k'q'p'u' 'q'h' 'C't'k'u'q'v'g' 'c'p'f' 'R'v'v'q'0'I' j' c' | c'r'k'y' q'p' 'v'j' g' 'f' g'd'c'v'g'0'J' q'y' g'x'g't'. 'y' k'j' 'v'j' g' 'x'k'v'q't' { 'q'h' 'I' j' c' | c'r'k' 'u'el'g'p'eg'. "v'g'ej' p'q'm'i' { . 'u'c'v'g' 'u't'w'e'w't'g'. 'g'v'e'0'K' 'i'c'o' k'e' 'e'k'x'k'k'v'k'q'p'. 'y'j' k'ej' 'y' c'u' 'c'j' g'c'f' 'q'h'v'j' g' 'Y' g'u'v'. 'd'g'i' c'p' 'v'q' 'f' g'e'r'k'p'g'0'V'j' g' 'Y' g'u'v' 'u'c't'v'g'f' "v'q' 'w't'p' "v'q'y' c't'f' u' "K' 'i'c'o' k'e' 'e'k'x'k'k'v'k'q'p' "k'p' 'v'j' g'; 'v'j' "e'g'p'w't' { 0'V'j' g' 't'g'n'v'k'q'p'uj' k'r' "d'g'w' g'g'p' 'v'j' g' 'v'y' q' "e'k'x'k'k'v'k'q'p'u' 'y' c'u' "g'u'c'd'r'k'uj' g'f' "k'p' " 'U'r' c'k'p' "c'p'f' "U'el'k' { 0'V'j' g' 'u'c' { "q'h'v'j' g' "W'o' c' { { c'f' u' "k'p' " 'U'r' c'k'p' "h'q't' "e'g'p'w't'k'g'u' "g'p'c'd'ng'f' "v'j' g' 't'c'p'ur'v'k'q'p' 'q'h' 'C't'c'd'le'. 'R'g't'uk'c'p'. 'J' g'd't'g'y' "c'p'f' "U' { t'k'c'e' 'y' q't'm'i' 'q'h'f' k'h'g't'g'p'v'f' k'ue'k'r' k'p'g'u' 'k'p'v'q' 'N'c'v'k'p' "c'p'f' 'h'q'm'i'c'p'i' w'c'i' g'u'0'V'j' g' 'v'j' t'g'g' 'o' c'k'p' 'u'q'w'e'g'u' 'q'h'v'j' g' 'g'p'ri' j' v'g'p'o' g'p'v'q'h'v'j' g' 'Y' g'u'v' 'C'p'f' c'n'w'k'. "U'el'k' { 'c'p'f' 'v'j' g' 'E't'w'c'f' g'u'0'D'g'h'q't'g' 'v'j' g' 'g'u'c'd'r'k'uj' o' g'p'v'q'h'w'p'k'x'g't'uk'l'g'u' 'lp' "G'w't'q'r' g'. "E'j' t'k'u'k'c'p' 'u'w'f' g'p'u' 'w'ug'f' "v'q' "i' q' "v'q' "K' 'i'c'o' k'e' "g'f' w'e'c'v'k'q'p'c'n' 'k'p'u'k'w'w'k'q'p'u' 'k'p' "U'r' c'k'p'0'H'q't' "v'j' k'u't'g'c'u'q'p'. "v'j' g' 'g'u'c'd'r'k'uj' o' g'p'v'q'h'v'j' g' "h'k't'u'v'w'p'k'x'g't'uk'l'g'u' 'lp' "G'w't'q'r' g' " \*34'v'j' "c'p'f' "35'v'j' "e'g'p'w't'k'g'u' "y' c'u' "k'p'ur' k't'g'f' "d' { "v'j' g' "g'f' w'e'c'v'k'q'p'c'n' 'k'p'u'k'w'w'k'q'p'u' "g'u'c'd'r'k'uj' g'f' "d' { "v'j' g' "C'p'f' c'n'w'k'c'p' "e'k'x'k'k'v'k'q'p' "k'p' "U'r' c'k'p'0'W'p'k'x'g't'uk'l'g'u' 'u'c't'v'g'f' "v'q' "d'g' "g'u'c'd'r'k'uj' g'f' "k'p' "G'w't'q'r' g' "f' w't'k'p'i' "v'j' g' "r' g't'k'q'f' "y'j' g'p' "K' 'i'c'o' k'e' "u'el'g'p'v'k'k'e' 'y' q't'm'i' 'y' g't'g' 't'c'p'ur'v'g'f' 'k'p'v'q' 'N'c'v'k'p'0'V'j' g' 'e'q'p'v'g'p'u' 'q'h'v'j' g' 'h'k't'u'v'w'p'k'x'g't'uk'l'g'u' "g'u'c'd'r'k'uj' g'f' 'k'p' 'v'j' g' 'O' k'f' r'g' "C'i' g'u' 'y' g't'g' 'k'p'h'w'g'p'eg'f' "d' { 'I' t'g'g'm' 'T'q'o' c'p' "c'p'f' "K' 'i'c'o' k'e' "e'k'x'k'k'v'k'q'p'0'

**Keywords:** 'W'p'k'x'g't'uk'l'g'u' { 'G'c't'n'f' 'C'i' g. 'F' g'x'g'n'r' o' g'p'v'q'h'w'p'k'x'g't'uk'l'g'u'

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"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### YOZGAT İLİ MANDA YETİŞTİRİCİLİĞİ: İŞLETMELERİN YAPISAL ÖZELLİKLERİ VE YETİŞTİRİCİLERİN İNCELENMESİ WATER BUFFALO BREEDING IN YOZGAT PROVINCE: STRUCTURAL CHARACTERISTICS OF FARMS AND EXAMINATION OF FARMERS

Hatice ÇAT<sup>1</sup>

<sup>1</sup> t gpek " [ q | i cv 'Dq | qm | p k x g t u k x g u k " k t c c v 'H c n 'A n g u k " q q v g n p k 'D 'A o 'A o [ q | i cv 'V A t n k ' g O ' <sup>3</sup>QTEK 'K 'J w r u -A l q t e k f Q t i I '2222/2223/ : 79; /; 48; "

Orhan ERMETİN<sup>2</sup>

F t 0 " t 0 [ g u k " [ q | i cv 'Dq | qm | p k x g t u k x g u k " k t c c v 'H c n 'A n g u k " q q v g n p k 'D 'A o 'A o [ q | i cv 'V A t n k ' g O ' <sup>4</sup>QTEK 'K 'J w r u -A l q t e k f Q t i I '2222/2224/5626/2674"

#### ÖZET

Dw' ±cn o c." [ q | i cv' k k p f g n k ' o c p f c " { g v k v t l e k k k p k p n e t c m g t k u k m g t k p k ' d g r k r g { g t g m " { g v k v t l e k k n i w i w r o c r e t , p , p " d k { q i 'A x g p r k m ' c ± u , p f c p " f g g t n g p f k k m g u k ' c o c e , { r " i g t ± g m g v t k n o k v t 0 ' C t c v , t o c . " [ q | i cv' k k p f g n k ' : " k ± g f g " { g t " c r p " 93 " k r g v o g f g " { 'A ' " { 'A ' g " c p n g v g t . " i ¾ r g o r g t " x g " k p e g r g o g r g t " { c r , r e t c n i { 'A 'A 'A o 'A ' v A t 0 ' r g v o g r g t k p " : 2.5 'A p f g " o c p f c " x g " u , t " { g v k v t l e k k k ' d k " c t c f c " { c r , m o c m c " q n w . " v A o " k r g v o g r g t " n e r c n , " d e n , " d e t , p e m e t c " u c j k r v t 0 [ g v k v t l e k k g t k p " 54 ' u k p k " 73 / 82 " { c " c t c n , p f c " q i f w w ' d g r k r g p o k " x g " j c { x e p r e t , p " d e m o . " d g u n g p o g " x g " u c , o " k r g t k p k " 7 ; " q t c p , p f c " n e f , p r e t " v e t c h p f c p { 'A 'A 'A f 'A 'A ' v g u r k v ' g f k n o k v t 0 ' r g v o g r g t k p " : 9.5 'A p f g " f q w o " d ¾ a n g u k " ' : : .9 ' u k p f g " u c , o " { g t k " ' : 9.5 'A p f g ' k u g ' o c r e n i d ¾ a n g u k ' d w a n p o c f , , p f c p . ' o c p f c r e t ' d e n ' q i f w n e t , ' f w e n e t f c ' f q w o " { c r o c m c " x g ' d w c , n e t ' e p e r e t , p , p " { c p , p f c ' n e m o c m e f , t 0 ' r g v o g { g ' f , c t , f c p ' j c { x e p ' c n o , ' u , t e u , p f c ' i g t g m k ' v g u m g t k p " { c r , m o c f , , " n e t e p v k p c " ¾ p r g o r g t k p k " c n p o c f , , " x g " i g p g n k m g " f c o , | n m ' k j v k { c e , p , p " u A 'A ' k k p f g p " n e t , n e p f , , " c { t , e c " o c p f c " d q c r e t , p , p " , ' n i d q { w ' u A 'A ' k k p f g ' d , t e m r f , , " \* : 6.6 + i ¾ A r o 'A ' v A t 0 J c { x e p " d e t , p e m e t , p , p " i g p g n k m g " g x l p " c x n w u p f c " d w a n p f w w \* 86. : + x g " { g o " j c o o c f f g r g t k p k " n w r e t . " n g f k g t . " n ¾ 4 g m g t " x g " d ¾ e g m g t f g p " n u t w p o c u , " k e k p " ¾ g n i ¾ p r g o " c n p o c m u , | p " n e r c n " c r e p r e t f c " u e n e p f , , " v g u r k v ' g f k n o k v t 0 ' ¥ c n o c f c " { g p k ' f q c p " o c r e n e t f c " i ¾ d g m ' n u t f q p w ' f g l g p h g m u k { q p w p w ' : 3.9 " q t c p , p f c " { c r v , m e t , p . " { e x t w | c t r e t , p , " 89.8 " q r e t c n i n ¾ 4 g m g t g ' x g t f k m g t k p k ' d g r k v o k r g t f k t 0 [ g v k v t l e k k g t k p " 47.6 " q t c p , p f c " d k ' m u o , ' o c r e n e t c ' u A ' v g o o g ' f ¾ p g o k p f g ' g m i { g o r g o g ' { c r o c o c m e f , t 0 F c o , | n n i l u g ± k o k p k p " g p " ¾ p g o r k ' n t k g t k ' q r e t c n i o f , " i ¾ 4 'A p 'A ' o " q r e t c n i k r c f g " g f g p " { g v k v t l e k ' q t c p , " : 6.7 d k t 0 O c p f c " { g v k v t l e k k k ' { c r , n e p ' k r g v o g r g t f g ' u c , o " j l { g p k " { e x t w ' d e m o , , " d k { q i 'A x g p r k m ' u A 'A ' u c n , " x g " n u t w { v e w j g n k o r k n i k i k ' n u p w r e t f c " g k k o ' r t q i t c o r e t , p , p " f 'A ' g p r g p o g u k p k ' l c { f c n , q r e c , ' ¾ p g t k n o g m g f k t 0 "

Anahtar Kelimeler: "Dk { q i 'A x g p r k m ' O c p f c " [ g v k v t l e k k k ' [ q | i cv "

"

#### ABSTRACT

V j k u ' u w f { ' y c u ' e q p f v e w f ' v ' f g v g t o k p g ' v j g ' e j c t e v g t k u k e u ' q h ' y c v g t " d w h c n q " d t g g f k p i ' k p [ q | i cv ' r t q x k p e g " c p f ' v ' g x c n m c v g " d t g g f k p i " r t c e v k e g u ' t g i c t f k p i " d k q u e w t k v { 0 ' V j g " t g u g c t e j " y c u ' e q p f v e w f ' v j t q w i j " h e g / v q / h e g ' u w t x g { u " q d u g t x c v k p u " c p f " g z c o k p c v k p u ' q h ' 93 " g p v g r t k u g u ' h e c v g f ' k p " : ' F k u k l e u ' q h [ q | i cv ' r t q x k p e g O ' k p : 205 " q h ' v j g ' g p v g r t k u g u ' y c v g t " d w h c n q " c p f " e c v g " d t g g f k p i " c t g ' e c t t k g f " q w ' v q i g v j g t . " c p f " e m i g p v g r t k u g u " j c x g ' e m u g f ' v g y g t g f ' u j g n g t u O K ' y c u ' f g v g t o k p g f ' v j c v 54 ' " q h ' v j g ' d t g g f g t u ' c t g ' d e g y g g p ' v j g ' c i g u ' q h ' 73 / 82 . " c p f ' k v ' y c u ' f g v g t o k p g f ' v j c v 7 ; ' " q h ' v j g ' c p k o c n e c t g . ' h g g f k p i " c p f ' y q o g p " e c t t { " q w ' o k m k p i O U k e g " : 905 " " q h ' v j g ' g p v g r t k u g u ' f q ' p q v j c x g ' c ' d k v j k p i " r g p . : 0 ' " f q ' p q v j c x g ' c ' o k m k p i " c t g e . " c p f " : 905 " f q ' p q v j c x g ' c ' e c r k p i " r g p . " d w h c n q u i k x g ' d k v j ' k p ' v j g ' u e m u ' v j g { " c t g ' v k g f ' v q . " c p f " e c r x g u ' u c { ' y k j ' v j g k t ' o q v j g t u O K ' y c u ' q d u g t x g f " v j c v ' v j g " p g e g u c t { " v g u u ' c t g " p q v ' r g h t q t o g f " f w t k p i " v j g " k o r q t v ' q h ' c p k o c n i ' h t q o " q w u k f g " v j g "

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

gpytr tkug. 's wctcpkpg'o gcuwtgu'ctg'pqv'cnpg. 'cpf 'vj g'dtggf kpi 'pggf u'ctg'i gpgtcm{ 'o gv'y kj kp'vj g'j gtf 0' cpf 'y cvgt'dwhcm'dwmi'ctg'rgm'kp'vj g'j gtf '{ gctn{ '\*; 66' -0K'y cu'f gvgto kpgf 'vj cv'cpko cn'uj gmgty' g'g' i gpgtcm{ 'mcev'f 'kp'vj g'j qwug)u'eqvtv{ ctf '\*860' +.'cpf 'hggf 'tcy 'o cvgtkni'y g'g' 'uq'gf 'kp'emugf 'ctgcu' y kj qw'cnkpi 'ur gekn'r tgecw'kpu'v'q'r tqv'ev'vj go 'Itqo 'dktf u'ecua. 'f qi u'cpf 'kpugev'0'Vj g'uwwf { 'uvcvf " vj cv'vj g{ 'f k'kphgevf 'vj g'wo d'k'ecn'eqtf "qh'p'gy d'qtp'y cvgt'dwhcm'cv'c'tcv'qh": 39' "cpf "i cxg'vj g'hqcn' o go dtcp'gu'v'q'f qi u'cv'c'tcv'qh'89(8' 0476' "qh'vj g'dtggf gtu'f q'pqv'i kxg'cf f k'k'p'cn'hggf kpi 'v'q'y cvgt' dwhcm'f wtkpi 'vj g'uwemkpi 'r g'k'qf 0'Vj g'tcv'qh'dtggf gtu'y j q'uv'cv'f 'vj cv'vj g'o qu'v'ko r q't'v'p'v'et'k'g't'k'p'h'q't' dtggf kpi 'k'i'ö'c'r'r g'c't'c'p'eg'o'k'i': 60' 0'K'k'u'wi i gu'gf 'vj cv't'c'k'p'kpi 'r tqi t'co u'q'p'o k'k'k'pi 'j { i k'p'g.'ec'h'ectg.' d'k'q'ug'ew'k'v'." j gtf "j g'cmj." cpf "r t'g'x'g'p'v'k'x'g" o g'f k'ek'p'g" u'j q'w'f " dg" q'ti c'p'k' g'f "kp" y cvgt' dwhcm' dtggf kpi " gpytr tkug'0'

**Keywords:** 'Dkqugewtkv{.'Y cvgt'Dwhcm'Dtggf kpi.'I q'i cv'

**Thanks:** Vj ku'uwf { 'y cu'eqpf w'ev'f 'cu'r ctv'qh'J cv'k'g'¥ cv'au'O Ue'vj guku'0'

"  
"  
"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EXPLORING THE MULTIFACETED USES OF BIOACTIVE GLASSES IN HEALTHCARE AND INDUSTRY

Pavan Kumar Pothuganti

*Fgrctwo gpv'qhrj { ukeu. XPT'Xki pcp 'L'qy k'kpwkwg'qhl'Gpi kpggtkpi 'cpf 'Vgej pqrqi { .J {f gt cdcf. "*  
*Vgrxpi cpc. 'kpf k "*

#### ABSTRACT

Dkqcevxg'i ruugu'ctg'xgtucvkg'o cvgtknu'i cklpi "uki pkkcepv'cvgpvkp"kp'tgi gpgtcvxg"o gf lekpg. "kuuwg" gpi kpggtkpi . " cfp " xctkqwa" kpf wutken' ugevqtu' f vq" vj gk" wpls vq" r tqr gt vku" uvej " cu" dkqcevxkx{ . " dkqeqo r cvdkkx{ . " cfp " gcug'qh'ewuqo k' cvkq0Vj gk'cdkx{ 'vq'dqpf 'y kj "dkqni lecn'kuuwgu'cpf "unko wrvq" egmwrct'cevxkx{ "o cnqu'vj go "kpxcncdng"kp"o gf lecn'cr r rkecvkpu."y j kq"vj gk"ewuqo k' cdng"r tqr gt vku" gzvqpf 'vj gk'wugu'vq'kpf wutkgu'wej "cu'gpxktqpo gpvcn'ngcpwr . "ecvni'uku'cpf "grgevtqpleu'Vj gug'dkqcevxg" i ruugu'ctg'c'ercu'qhu'pvj gve'o cvgtknu'r tko ctkn' eqo r qugf 'qh'uktec. "ecrekwo . "uqf kwo . "cpf "r j qur j qtwa" qzkl gu'Y j gp'dkqcevxg'i ruugu'ctg'kp'eqpcev'y kj "dqf { 'hmk u' 'vj g{ 'hqtto 'c'j { f tqz { cr cvkg/rkng'rc { gt "qp" vj gk'uwthceg. "y j lej "emqen' 'tguo dng'u'vj g"pcwtrn'o kpgtcn'eqo r qukkqp'qh'dqpg0Vj ku'wpls vq"r tqr gt v{ " gpcdng'dkqcevxg"i ruugu'vq'dqpf "ghgevxgn' "y kj "dqpg"kuuwgu'hcckkcvkpi "dqj "quvgqepf vevkq"vj g" r tqegu'd' { 'y j lej "pgy "dqpg"i tqy u'qp'vj g'uwthceg'qh'vj g'ko r rcpv'cpf "quvgqepf vevkq"vj g'unko wrvq'qh' dqpg" hqtto cvkq-0' Tgegpv' cf xcpego gpv' kp" dkqcevxg" i ruugu' j cxg" uki pkkcepv' " dtqcf gpgf " vj gk" cr r rkecvkpu'dg { qpf "tcf kkpccndqpg'tgi gpgtcvq. "gzvqpf kpi "kp'v'ctgc'u'wej "cu'qh'v'kuuwg'tgr ckt."y qwpf " j gcrkpi . " cfp " eqpvtqngf " f twi " f grkxgt { 0' Vj gug" i ruu' o cvgtknu' ecp" dg" cnqgtf " kp" eqo r qukkqp" cfp " o cpwrcwgf "wukpi "vgej pls wgu'rkng'5F "r tkvki "cpf "uqn'i gn'r tqeguiki . "cnqy "hqt'vcnkqtf "f gi tcf cvkq" tcvu'cpf "kq"tgrngug'r tqh'ng'u'vj cv'gpi cpeg'egmwrct'tgur qpugu'kpenx'kpi "cpi kqi gpguku'cpf "cpvko letqdkn' cevxkx{ 0'E'gtvclp'dkqcevxg"i ruu'eqo r qukkqpu'ctg'r ctvewrtn' "ghgevxg'kp"r tqo qvki "uqh'v'kuuwg'tgr ckt" cfp "ceegntcvkpi "y qwpf "j gcrkpi "vj tqwi j "o gej cpkuo u' uvej "cu" cpi kqi gpguku' cfp "cpv'kph'co o cvqt { " ghgevu"o cnkpi "vj go "uwkcdng'hqt'wug'kp"y qwpf "f tguiki u'hqt'dwpu'cpf "wregtu'0'cf f kkpccm{ . "dkqcevxg" i ruugu'ecp" dg" gpi kpggtgf "vq" tgrngug" vj gter gwle'kqpu"qt" gpecr uwrvq" f twi u' "hcckkcvkpi "eqpvtqngf " f grkxgt { "qh'cpv'kph'co o cvqt { "qt'cpv'kqve"vj gter kgu'vq'vcti vqgf "tgi kqpu'0'Vj g{ "cnq'ugtxg'cu'uecthqf u'kp" kuuwg'gpi kpggtkpi . "o ko kenti "pcwtrn'kuuwgu'cpf "r tqo qvki "egni tqy vj . "y j lej "ku'f genhqt'cr r rkecvkpu" kpxqmkpi "unp. "ectvki g. "cpf "pgtxg'tgi gpgtcvq0'Dkqcevxg"i ruugu'gzj kdk'c'f kxgtug'cttc { "qh'r tqo kuki " cr r rkecvkpu'cetqu'ob wnrk'g'ugevqtu'0'k' y cvgt "v'gcvo gpv."dkqcevxg"i ruu'r qy f gtu'ctg'wkrk'gf "kp'hcckkcvkq" u' ugo u'hqt'vj gk"cpvko letqdkn'r tqr gt vku"y j lej "ckf "kp"vj g"cdutrvkq'qh'j gcx { "o gvnu"grko kpcvq'qh' eqpvo kpcpu'cpf "t'gf vevkq'qh'ob letqdkn'r tgupeg'kp'y cvgt'uwtegu'0'k'hqf "kpf wut { . "vj gk"cpvko letqdkn' ghgevu'tgpf gt'vj go "gzegmrv'cf f kxgu'hqt'hqf "r cemi kpi "o cvgtknu"r tqnpi kpi "uj grh'rkng'd { "kpi kdkkpi " dcevgtkn'i tqy vj "cpf "gpi cpeki "qxgtcm'hqf "uchgv'0'k'ci tlewnwtg. "dkqcevxg"i ruu'dcu'gf "hgtvkl'gtu'cpf " uqni'co gpf o gpw'umy n' "tgrngug"gu'gpv'kni'pwt'kpu'rkng'ecrekwo "cpf "r j qur j qtwa" hquvgtkpi "uwv'kpcdng" hcto kpi "r tcevegu" d { "o kpo k' kpi "f gr gpf gpeg" qp" u'pvj gve' hgtvkl'gtu'0' "k' equo gvleu' cfp "unp'ctg. " dkqcevxg"i ruugu'ctg'kp'v'g' tcvf "kp'v' hqtto wrvqpu'hqt'vj gk' unp'tgi gpgtcvki "cpf "cpvko letqdkn'ob wkdwgu" r tqxkpi "gh'ceekqwu"kp" etgco u' "ugtvo u" cfp "qv'gt"v'q'lecn'v'gcvo gpv' cko gf "cv'y qwpf "j gcrkpi " cfp " tglw'gpcvq0'kp'tgugctej "cpf "f gxrnr o gpv."dkqcevxg"i ruugu'ctg'w'p'gt "kpxguki cvkq'hqt'cpvko letqdkn' eqcvki u'qp"o gf lecn'f gxlegu'cpf "ko r rcpv'vq'ewtd" dcevgtkn'eqmpk'cvkq"cpf "o kki cvg'kphgevkq"tkum'0' Vj g{ 'ctg'cnq'dgkpi "gzi'rtq'gf "hqt'ouo ctv'i ruu'y j lej "ku'j qnf kpi "r qv'gpv'kni'wugu'kp"eqpuwo gt "grgevtqpleu" cfp "j gcnj ectg'o qpkqtkpi 0'

Vj ku'xgtucvklx{ "j ki j rki j w'vj g'r qv'gpv'kni'qh'dkqcevxg"i ruugu'cu'lppqxcvxg"uqmwkqpu'kp"j gcnj ectg' cfp " kpf wutken'cr r rkecvkpu'0'

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TRANSFORMING THE MODERN WORLD: THE SYNERGY OF ARTIFICIAL INTELLIGENCE, IOT, AND MACHINE LEARNING

Arkoparno De Sarkar<sup>1</sup>, Dr. Monalisa Halder<sup>2\*</sup>, Jinia Datta<sup>3</sup>

<sup>3</sup>DOVgej 03<sup>im</sup>{ gct. 'F grctvo gpv'qhlEgo rwwgt 'Uekgpeg'Gpi kpggt kpi . 'Cdcewu'Kpukwng'qhlGpi kpggt kpi 'cpf " O cpci go gpv.'O qi tc.'J qqi j n/93436: . 'Kpf kc"

<sup>4</sup>F grctvo gpv'qhlDcuke'Uekgpeg(' 'J wo cplkku.'Cdcewu'Kpukwng'qhlGpi kpggt kpi 'cpf "O cpci go gpv." O qi tc.'J qqi j n/93436: . 'Kpf kc"

<sup>5</sup>Rt kpek cn'Cdcewu'Kpukwng'qhlGpi kpggt kpi 'cpf "O cpci go gpv.'O qi tc.'J qqi j n/93436: . 'Kpf kc"

#### ABSTRACT

Vj ku'vqr ke "gzecxcvgu'kpq'vj g"eqqr gtcvkg'cpf "u{ ugo cve "CKKp"eqttgur qpf kpi "y kj "vj g"QV"cpf "O N'kp" o qf gtp"y qtrf O'D{ "gzco kpkpi "vj g"eqo dlpkpi "cdkxv{ "qh'CKcni qtkj o u"y kj "QV"f gxlegu"cpf "O N' vgej pls wgu"vj g"uwf {"uwxg{"j qy "vj ku'vej pls wg'tguj cr gu'xctkqu'r qt vqpu'qh'qwt'tgi wrct'rxgu"cpf " kphqto cvkqpcn'kpf wmtkgu'

O qtgqxt."vj ku'uwf {"tapi g'qxgt'vj g'tcpuhqto cvkxg'r qvkvkn'qhlkpvgi tcvf "CKy kj "O N'vej pls wgu'OY kj " vj g'cpcn{ uku'qhl'cr r necvqpu.'k'gzr r kpu'j qy 'k'vgf u'vq'engctgt'f gekukp/o cnkpi . 'r tf levkxg'cpcn{ vku.'cpf " ewuqo k'g'vj g"wcdkxv{ O'Vj g'uwf {"gzr nqtgu'vj g'ko r qt vpeg"qh'vcemkpi "vj gug'vej pqm'kpu'vq'r tqo qvg" tgi wrct'f gxgnr o gpv'y kj "vj g'j gr "qh'c"dtqcf "cpcn{ uku'qhl'o qf gtp"o qxgo gpv'cpf "vqf c{"tguctej "vj gqt{. " vj g'uwf {"r tqxkf gu'kpwk'kq'kpq'vj g'gxqkpi 'hpcf uer g'qh'CK'KV."cpf "O N.'j ki j rki j vki "vj g'ko r qt vpeg" qh'go dtcelpi "vj qug'cf xcpego gvu'vq'vj twu'kpf wmtkgu'hqty ctf "cpf "o gg'vj g'ej cpi kpi "pggf u'qh'o qf gtp" uqekv{ O'Vq'r tqo qvg"cdgwt'f gxgnr o gpv'kp'uqekn'cu'y gml'cu'vej plecn'hgnf "y g'pggf "vq'hqewu'qp"vj gug" ewtgpv'tgpf u'Vj gug'eqo dlpv'kpu'ctg'xgt {"gh'ge'vkg'vq'uqkxg'cmly g'r tqdrgo u'kp'uekpv'k'le'y c{" "o cnqu" ewuqo gt"f grki j vhu'Vj g'eqo r tgu'kxg"uwf {"r tqxkf g'uq'k'kq'k'ht"cwqppqo qwu'xgj kergu"pgwy qtmu'qh' eqo r wgt."ugewk'k'p'f cvc."o gf lecn'j gcnj ectg"gv'e'

Kp'eqpenw'k'p."vj ku'uwf {"hqwugu'qp'vj g'tcpuhqto cvkxg'ukf g'qhlkpvgi tcvpi 'CK'KV."cpf "O N'vej pqm'kpu' kgu" cf xcpeki "vj g'y c{"hqt"cu'ctvgt."gh'ekpv'cpf "o qtg'tg'k'cdrg"o qf gtp'y qtrf O'

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#### ENHANCED GRID STABILITY AND VEHICLE-TO-GRID INTEGRATION THROUGH BIDIRECTIONAL POWER FLOW IN ELECTRIC VEHICLES: A SIMULATION STUDY

*Abderrahmane BENAÏSSA "*

*F gr ct vo gpv'qhl'Grgevtkecn'Gpi kpggt kpi "*

*Crr rkgf "Cwqo cvkqp"cpf "Kpf wmtkn'F kci pqukeu'Nc dqt cvqt { "NCCF K'Wpkxgt ukf "qhl'F lgrtc. 'F lgrtc. "*  
*CNI GTK"*

*Drid Said"*

*F gr ct vo gpv'qhl'Grgevtkecn'Gpi kpggt kpi "*

*Wpkxgt ukf "qhl'Dc vpc "4. "Dc vpc. "CNI GTK"*

*Kouzou Abdellah"*

*F gr ct vo gpv'qhl'Grgevtkecn'Gpi kpggt kpi "*

*Wpkxgt ukf "qhl'F lgrtc. 'F lgrtc. "CNI GTK"*

*Khadidja Allahoum"*

*F gr ct vo gpv'qhl'Grgevtkecn'Gpi kpggt kpi "*

*Wpkxgt ukf "qhl'F lgrtc. 'F lgrtc. "CNI GTK"*

*Kechida Abdelhak"*

*F gr ct vo gpv'qhl'Grgevtkecn'Gpi kpggt kpi "*

*Wpkxgt ukf "qhl'F lgrtc. 'F lgrtc. "CNI GTK"*

#### ABSTRACT

Vj g"i mdcn'vcpur qtvcvkp"ugevqt "ku"wpf gti qkpi "c"uki pkkecpv'uj kh'vqy ctf u'grgevtle"xgj kengu"tcukpi "eqpegtpu'cdqw'vj g'grgevtle'i tkl'u'cdkklv'vq"o gg'vj g'i tqy kpi "gpgti { "f go cpf 0Vj ku'vcpukvkp"eqwrf "hcf "vq"ej cmppi gu'tgrv'vq"lpetgcugf "r gcnlf go cpf "hqt"grgevtlekv'pgegukevkpi "kppqxcv'xg"uqnrwkpu"htq" f go cpf "o cpci go gpv0 Xgj keng/vq/I tkl "X4I "+"vgej pqrni { "r tgu'pwa" c" r tqo kulpi "uqnrwkp" vq" vj gug" ej cmppi gu0D { "gpcdrkpi "dlf ktgevkqpcn'gpgti { "hny "dgw ggp'grgevtle"xgj kengu'cpf "vj g'i tkl "X4I "hrgtci gu" grgevtle"xgj keng"dcwgtkgu"cu"gpgti { "uqtcic g"cpf "uwr r n' "tguqwtegu0Ej cti kpi "dcwgtkgu" f wtkpi "qhl'r gcnl" j qwtu"4I 4X+"ecp"uqtg"zgegu'gpgti { "vq"dg'wklk' gf "f wtkpi "r gcnlf go cpf "r gtkqf u"X4I "+"eqpvtkdwkpi "vq" i tkl "ucdkklv'0K r ngo gpvki "c"dlf ktgevkqpcn'gpgti { "hny "u' ugo "tgs wtkgu" c'eqo r tgj gpukxg'kphcutvewtg." kpenxf kpi "kpvgnki gpv" r qy gt "eqpxgtvgtu"ecr cdrg"qh"CE IFE"eqpxgtukp"cpf "j cpf tkpi "xctkqwu"xqnci g" rpxgn0Cf xcepgf "eqpvtqn'u' ugo u'ctg"cnq"guugpvkcn'vq"o cpci g'gpgti { "hny "dgw ggp"vj g"xgj keng"cpf "vj g" i tkl "gpwtkpi "vj g'qxgtcm'u' ugo "uchgv'0Vj ku'r cr gt "r tqr qugu" c"X4I II 4X"u' ugo "ko r ngo gpvcvkp" wtkpi " grgevtle"xgj keng"ej cti kpi 0Vj g"cwj qtu' uwi i guv'go r m { kpi "c"\$X4I II 4X/dcugf "dlf ktgevkqpcn'eqpxgtvgt\$" vq "hckkkcv'gpgti { "vcpuhgt0Vj g { "o qf grgf "vj ku'eqpxgtvgt" wtkpi "cp"CE IFE"eqpxgtvgt"cpf "c"dlf ktgevkqpcn' dwem/dquu"eqpxgtvgt." cmppi "y kj "f gxnqr kpi "cp" kvgi tv'v' "eqpvtqn"o gej cpkuo 0 Uko wrcvkp" tguwmu" qdvckpgf "wtkpi "O CVNCDIUko wtkpnif go qpumcv'v'vj g'ghgevkxgpgui"qh'vj g'r tqr qugf "u' ugo "kp"o cpci kpi " gpgti { "kp"dqv "X4I "cpf "I 4X"o qf gu0Vj g"tguwmu"cnq"eqphkto gf "vj g'u' ugo )u'ghh'k'gpe { "cpf "FE"dwu" xqnci g'ucdkklv'0

**Key words:** Grgevtle"xgj kengu Xgj keng/vq/I tkl "X4I "+"dlf ktgevkqpcn'eqpxgtvgt."dwem/dquu"eqpxgtvgt." FE"dwu



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#### YAPAY ZEKÂ ALANINDAKİ GELİŞMELERİN TÜRK KAMU YÖNETİMİNE EKİSİ "

İslam KÖSEOĞLU

<sup>3</sup>F t 0'W cml©p kxgt ukvguk 'Uqu/crlDsko rgt 'O [ Q.' [ gt grl [ 3/pgvko rgt.'W cm'VÄtnk g0

<sup>3</sup>QTEK 'K' <2222/2224/4979/6723"

#### ÖZET

[ cr c { } gm'cncp,pf c'ucp" { kto k' ,rf c'3/pgo r k'cf ,o nct'cv,m , v,t0Dw'cncp c" { c cpcp'i grk o grgt'dc v'3/4 grl ugm'4Ä'gncrgf k k'i 3/4Äug'f g'hco w'ugm'4Ä'f g'3/pgo r k'4Ä'f g'gncrgo k v t 0 [ cr c { } gm'p,p'hco w' { 3/pgvko k' k'3/pgo r k'j crg'i gm guk'±g k'kh,tucv'xg' | qtnwmet , f c'dgtdcgt k'p'f g'i g'vto k v t 0 [ grk o k "Ämrgt'f c j c"±qm' h,tucvct , f g gncrgf k'kngp'i grk o gm'g'ncp'xg'i g'k'hco , "Ämrgt'dw'uÄ'g±g'±g k'k' | qtnwmet'±dc "dc c" ncm , v,t0"

[ cr c { } gm'p,p'gxtko k'VÄtnhco w' { 3/pgvko k'p'f g'Ä'v'f Ä' g'f g'net , n'ndwro w wt0VÄtnk' g'f g'i Ä±Ä'dk't'g/" f g'xngvcm' cr ,u,p,p'qm cu , " { g'p'k' Ä±Ä' g'v'ukngo k' | ng'F k'kcnF 3/pÄ' Ä' "Q'k'k'p'k' h'w'w cu , 'xg'dw' h'w'w w'p" { cr c { } | gnc" xD' v'gnpqm' | k'g't' nco w' { 3/pgvko k'p'g'p'v'g' t'g' ±cn o crct , " { cr c { } | gm'p,p' nco w' { 3/pgvko k' uÄ'g±g'ng'k'p'g'cmet , m cu , pf c'ncp' { n v , t , e , cf , o nct'q'rcm'i 3/4v'g't'k'g'd'k't'0Dw'±cn o cp,p'co ce , " { cr c { } | gm' cncp,pf c" { c cpcp'i grk o grgt'p'VÄtnhco w' { 3/pgvko k'p'k'p'g'f Ä' g'f g'g'ncrgf k' k'xg'VÄtnhco w' { 3/pgvko k'p'k'p' dw' i grk o grgt'g' i 3/4v'g't'f k' k' t'gh'gmuk' q'v'c'c' nq' { o cm'v't0' Dw' dc nco f c" f g'xngv'p' dg'rg'ng'f k' k' nco w' r q'k'k'ncrct , pf cp'xg'w'p'f w'nc't , j k' o g'v'gt'g'h'ef ct' i g'p'k' "dk' 'v'g'ur k'v'c'p'ek' k' { cr , m , v , t 0"

"Anahtar kelimeler: [ cr c { } gm'VÄtnhco w' { 3/pgvko k' Mco w'j k' o g'v0

#### ABSTRACT

Ko r qt vep'v'ugr u'j cxg'dggp'cncp'kp'v'j g'hgrf "qh'ct'k'k'elcn'kp'v'gnki gpeg'kp'v'j g'ncu'v'y gpv' " { gct u 0' Cmj qwi j " v'j g'f g'xng'p' o gpw'kp'v'j ku'hgrf "ctg'uggp'v'q' ch'ge'v'j g'r tkxcv'g'ugevt'kp'v'j g'htu'r r'ncg'v'j g' { "j cxg'cncp' uki p'k'k'ecp'v' { ch'ge'v'f v'j g'r vdrle'ugevt'0Vj g'ko r qt vep'g'qh'ct'k'k'elcn'kp'v'gnki gpeg'ht'f' vdrle'cf o k'p'k'nt'cv'k'p' j cu'dt'qwi j v'y kj 'k'xct'k'q'w'qr r qt w'p'k'k'gu'cp'f "ej cngpi gu0Y j k'g'f g'xng'p' gf "eqw'p't'k'gu'j cxg'g'x'c'nc'v'g'f v'j g' qr r qt w'p'k'k'gu'o qtg' f g'xng'p' k'p' "cp'f 'w'p'f g'f g'xng'p' gf "eqw'p't'k'gu'j cxg'dggp'f'ce'g'f y kj "xct'k'q'w'ej cngpi gu' kp'v'j ku'r tqegu0'Vj g'g'xq'nc'k'p' "qh'ct'k'k'elcn'kp'v'gnki gpeg'j cu'h'q'w'p'f "c" j ki j "ng'gn'qh't'g'ur qpug'kp' "Vvtnkuj " r vdrle" cf o k'p'k'nt'cv'k'p'0' Vj g' g'z'k'ng'peg" qh' c" ut'qpi " g/i q'x'g't'p'o gpv' k'p'ht'c'ut'w'ew't'g' kp' " Vvtnng { . " v'j g' gu'cd'rkuj o gpv'qh'v'j g'F ki k'cn'V't'c'p'uh't'o cv'k'p' "Q'h'leg'y kj v'j g'p'gy "i q'x'g't'p'o gpv'u' { u'go . "cp'f v'j g'gh'q't'u'qh' v'j ku'q'ti cp'k' cv'k'p'v'q'kp'v'gi t'cv'g'ct'k'k'elcn'kp'v'gnki gpeg'g'v'e0'v'ej p'q'ri k'gu'kp'v'q'r vdrle'cf o k'p'k'nt'cv'k'p' "ecp'dg" u'j q'y p'cu'h'c'ek'k'cv'k'p'i "ugr u'kp'v'j g'v't'c'p'uh't' "qh'ct'k'k'elcn'kp'v'gnki gpeg'v'q'r vdrle'cf o k'p'k'nt'cv'k'p' "r tqegu0' Vj g'c'ko "qh'v'j ku'uw'f { "ku'v'q' t'g'x'g'cn'v'j g'z'v'gp'v'v'q'y j ke'j "v'j g'f g'xng'p' o gpw'kp'v'j g'hgrf "qh'ct'k'k'elcn' kp'v'gnki gpeg'j cxg' ch'ge'v'f " Vvtnkuj " r vdrle" cf o k'p'k'nt'cv'k'p' "cp'f " v'j g' t'g'cv'k'p' " qh' Vvtnkuj " r vdrle" cf o k'p'k'nt'cv'k'p' "v'j g'ug'f g'xng'p' o gpw'0'kp'v'j ku'eq'p'v'z'v'c" eqo r t'g'j g'p'uk'x'g'f g'v'g'ev'k'p' "cp'cn' { u'ku'j cu'dggp' eq'p'f v'ew'g'f "It'qo "v'j g'r vdrle'r q'k'el'gu'f g'v'g't'o k'p'g'f "d { "v'j g'v'c'v'g'v'q'v'j g'v'g't'x'k'legu'v'j g' { "r t'q'x'k'f g'0

Keywords: "C't'k'k'elcn'kp'v'gnki gpeg' "Vvtnkuj " r vdrle"cf o k'p'k'nt'cv'k'p'."Rvdrle'v'g't'x'k'leg0

"

"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SERVANT LEADERSHIP: DEFINITION PRINCIPLES AND EFFECTS

##### Büşra Pütün<sup>1</sup>

<sup>3</sup>Mqtmw"Cvc"©pkxgt ukxguk" mkucf'k'xg" fctk'Dtko rgt "HcnÑnguk "F qmqt c" rgo g"DñAo Ñf 3/pgwko "xg" Qti cpk|cu|qp "Cpc "Dtko "F cn+"Quo cpk|gVñnk|g. "F qmqt c" tgepek+ "Qtef <22/2224/458: /: 387." "

##### ÖZET

Dw'±cn o c"j k o gvrnt "rkf gtrkn'vcp,o ,p., "kmgrrtkpk'xg"gvnkrtkpk'lpegrgo gni'Ä gtlpg" { cr ,m , v,t0Nkf gtlp" 3/pegrknk'qrctem'ngpf kpk'vknr ±krtkpk'kj v{k c±rt,pc"j k o gv'gvo g { g'cf cf , , "dk"rkf gtrkn'vct| ,f,t0T qdgtv' MOI tggprgch'vctch,pf cp'i grk v{krgp'dw' { cmc ,o . 'rkf gtlp'3/pegrk kpk'±cn cprct,pc. "qr nwo vpc'xg'3/4i Ñv'Äp" v'Äo "r c { f c rct,pc"j k o gv'gvo gni'qrf w w'cprc { , pc" f c { cp,t0J k o gvrnt "rkf gtrgt. "ucf geg'qti cpk|cu|qpwp" j gf ghgtkpg"wr c o c { , "f g kn" c { p, " | co cpf c "dktg { rgtk'p'nk kug'n'i grk ko rgtkpk'f guvgmgo g { k'f g"j gf ghgtgtrt'0 Dw'v'Ät'rkf gtrkn'±cn cp'dc nñ ,.k "vevo kpk'xg'xgto rkrkn'i kdk'qno n'w'upw±rct'f q vtedkkt0I tggprgch vep" uqpte"Nett { "Ur gctu"J k o gvrnt "Nkf gtrkn'O gtnj k plp" f kt gm'4n'Ä Äp'Äp"dc ,pc"i g±o k vkt0I tggprgch ,p" { cr v , ,±cn o crctc'gp'k'k'dkko f g" { qtwo " { cr cdkrgp'nk krgtf gp"dktkuk'qrctem'nedw'gf kro gm'gf k "3/4i Äp" C04245+"I tggprgch ,p" { c| ,rct,pc"j k o gv'gvo gni'qrf w w'cprc { J N kp"32"3/4 grk kpk'rkugrgo k vkt0'Dwprct="3/pegrkn" nk kgtkf kprgo g'xg'cprco c { c'±cn o cm'f Ä "i Äe'Ä'mvctdko g."go r c'k'mvctdko g'xg'nedw'ngpgdko gm'i gtl' ±gm'ngdko g'nedkrtk'gk"ug| i k "krtk'k'i 3/4gdko g'nedkrtk'gk"knpc" gvo g'nedkrtk'gk"rctmpf c"qrctdko gni'xg" cni ,rco c" nedkrtk'gk" | kj kpugn' ko i g"i Äe'Ä" xg" vqr nwnmct, " dkt" ctc { c" i gvtgdko g" nedkrtk'gk'pg" ucj kr " qrctdko g { k'k'epf g'dct,pf,to cmcf ,t"3Lqur j "( "Y kpuvq. "4227<, +0'

J k o gvrnt "rkf gtrkn'o qf grk="go r c'k'f kprgo g." ghctm,m"vqr nwo ucn'utwo nwnm'xg"±cn cprct,p'i grk ko kpg" { 3/pegrkn'f guvgm'i kdk'cpc'kmgrrtkk±gtk0Ctc vto crct. "j k o gvrnt "rkf gtrkn'w' i wco crct,p,p'3/4i Ängtf g'f c j c" uc n,m,"k "kk nkrgtk" f c j c" { Ängm'o qvxcu|qp" xg"r gthqto cpu'kg"uqpw±rctpf , ,p,"i 3/4ngto gm'gf k0C { p, " | co cpf c .±cn cprct,p'k rgtkpg'f c j c'dc n'j kugvo gtrtkpk'uc r c { ctm'3/4i Äv'h'Än'Ä Äp'Äp"i Ä±rgpo gukpg'hvcm" uwpct0I tggprgch ,p"3; 92 rk' { ,rctf c "rkgtc'Ät g'ne| cpf ,tf , , "J N rkn'kg"ki k'k'krgtk'k'dkt" | co cprctf c "dkt" ±qm'ctc vto c"qtwc { c"±nno , v,t0'Dw'±cn o crct, "lpegrg { gtni'j k o gvrnt "rkf gtrkn'cprc { , ,p,"ucj kr "qrf w w' excpvlct'xg'f gl excpvlct, " { gt'cm cmcf ,t0'Dwprct' excpvlct, "qrctem="J k o gvrnt " { 3/pgvek'v'Äo "dktg { rgtg" 3/pgo ugt. "dwpw'ctc±" f g k'ico c±"qrctem'i 3/4o gm'g. "Gnr "ctnec rct,p,p'i grk ko kpg"qrctem'uc rct. "Nkf gtrgt" wo w'c ,r c { p'wwo "xg'f extep, rctf c "dwnpw'ı xu0F gl excpvlct, "kug=O gxew'j k { gtct knif Ä gpg" | ctct" xgtgdkrtgt. "Dc| , "k "i 3/4gprgt"dw' { cmc ,o c "egxcr "xgto g { gdkkt. "J k o gvrnt "rkf gtrkn'f 3/p'Ä Äo e'Ä'rkf gtrkn' { cmc ,o ,pc"±qm'hc| r "dgp| go gm'gf k'ı xu'i kdk'3/4 gnkmg' "dwnpw cmcf ,t"3Y cvgtto cp. "4233+0'

J k o gvrnt "rkf gtrk k'p'3/4i Äugndc ct, "Ä gtlpf gnk'gvnkuk'ucf geg'k 'qtvc o ,pf c'f g kn"vqr nwo ucn' { cr , "Ä gtlpf g" f g" i gpk " dkt" gvnk' ccrp,pc" ucj kr vkt0'Dw' dc rco f c. "j k o gvrnt " rkf gtrkn' o qf grk" i gngpgmugn' rkf gtrkn' { cmc ,o rct,pc"m { curc" f c j c" u'Ät Ä Ärgdkkt" xg"gvnk'kdk" { 3/pgwko "cprc { , , "wpo cmcf ,t0'Dw'uc { gf g'vcp,o . " kmgrrtkpk'xg"gvnkrtkpk'cprco co , | f c'f c j c" { ctf ,o e, "qno cmcf ,t0'

**Anahtar Kelimeler:** "J k o gvrnt "rkf gtrkn'go r c'k'k "vevo kpk'3/4i Äv'h'Än'Ä Äp'Äp"gvnk'rkf gtrkn'

##### ABSTRACT

Vj ku'uwf { "y cu'eqpf veyf "vq"gzco kpg'v'j g'f gtlpkkq. "r tlpkr ngu'cpf "ghgewu'qh'ugt xcpv'ngcf gtuj kr 0K'ku'c" rncf gtuj kr "w'rg'kp'y j lej "v'j g'ngcf gt" r tko ctkn' "f gf kec'vu"j ko ugrh'vq'ugt xkpi "v'j p'ggf u'qh'j ku'hqmqy gu0' Vj ku'rr tqcej .f gxgmr gf "d { "T qdgtv'MOI tggprgch 'ku'dcugf "qp'v'j g'wpf gtucpf kpi "v'j cv'v'j g'ngcf gt"u'ı tkqtkv' " ku'v'ugt xg"j ku'go r m { ggu "u'qelgv' "cpf "cm'wengj qrf gtu'qh'v'j g'qti cpk' cv'q'p0Ugt xcpv'ngcf gtu'c'ko "pqv'qpn" vq"cej l'xg'v'j g'i qcu'qh'v'j g'qti cpk' cv'q'p"dw'cnu'v'q" uwr r qtv'v'j g'r gtuqpcn'f gxgmr o gpv'qh'kpf k'k'f wcn0' Vj ku'v'g'qh'ngcf gtuj kr "ecp'r tqf weg'r qukkxg't guvnu'w'ej "cu'go r m { gg'eqo o ko gpv. "lqd'uc'v'k'v'q'p'cpf " r tqf v'v'k'k'0Chgt "I tggprgch "Nett { "Ur gctu'dgeco g'v'j g'f k'gevq't'qh'v'j g'Ugt xcpv'Ngcf gtuj kr "E gpgvt0J g'ku'



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

eqpukf gtgf "v"dg"qpg"qh"vj g'r gqr rg'y j q"ecp"dgu"eqo o gpv"qp"t tggprgch"y qtn"U"r gctu"3; ; 7+"kugf "32" ej ctcevgtku"qh" J N" dcugf "qp" I tggprgch"u" y tkkpi u" Vj gug" ctg=" r tkqtkv. "rkugpkpi "v" cpf "v {kpi "v" wpf gtucpf "r gqr rg." lo ci kpcvkqp." go r cvj { "cpf "ceegr vcepg." vj g"cdkks { "v" ugr "dcem" kpwkqkqp." hqtguki j v." r gtuwukqp." cy ctgpgui" cpf "r gtegr vkqp." o gpvni"ko ci gt { "cpf "vj g"cdkks { "v" dtkpi "eqo o wpkkgu"vqi gj gt " \*Lugr j (" Y kpuqp." 4227<; +Vj g"ugtxcpv"ngcf gtuj kr "o qf gn'kpenw' gu'o clp"r tkpek ngu'uwej "cu"go r cvj { ." rkugpkpi ." vcpur ctgpe { ." uqekni'tgur qpukdkk { "cpf "uwr r qt v' hqt" vj g" f gxgnr o gpv'qh'go r m { ggu" T gugctej " uj qy u" vj cv'ugtxcpv"ngcf gtuj kr "r tcevegu" tguwn'kp" j gcmj lgt" y qtni'tgrevkpuj kr u" j ki j gt "o qvxcvkqp" cpf " r gthqto cpeg'kp" qti cpk cvkqu" C vj g' uco g' vko g. 'k'eqpvtkdwgu'v' vj g' utgpi vj gpki "qh" vj g' qti cpk cvkpcni' ewmwg" d { "o cnkpi "go r m { ggu" hgn' o qtg" eqo o kwgf "v" vj gk "lqdu" O cp { "uwf lgu" j cxg" go gti gf "kp" vj g" 3; 92u" tgi ctf kpi " J N." y j ke j " I tggprgch' dtqwi j v' vj " vj g" rkgtcwtg' D { " gzco kpkpi " vj gug" uwf lgu." vj g" cf xcpwi gu' cpf " f kcf xcpwi gu' qh' vj g" ugtxcpv"ngcf gtuj kr " cr r tqcej " ctg" rkugf O' Vj gug" cf xcpwi gu' ctg" cu' hqmy u= / " Ugtxcpv' o cpci gtu" ectg" cdqw' cni' kpf kxf wcu" cpf " ugg" vj ku' cu' c" i qeni' pqv' c" vqgn" Cmny u' vj g" f gxgnr o gpv' qh' vgo o cvgu." Ngcf gtu" g zj kkv' cvkwf gu" cpf " dgj cxkqtu" vj cv' kpukm" j qr gi " gve' F kcf xcpwi gu' ctg= Vj g { " ecp" f co ci g' vj g' gzkmpki " j lgtctej lecn' qtf gt. " Uqo g" go r m { ggu' o c { " pqv' tgur qpf " vj " vj ku' cr r tqcej. " Ugtxcpv'ngcf gtuj kr " ku" xgt { " uko kxt " vj " vj g" vcpuhqto cvkpcni'ngcf gtuj kr " cr r tqcej. " gve' \*Y cvgt o cp." 4233 + O' Vj g" ghgev' qh' ugtxcpv'ngcf gtuj kr " qp" qti cpk cvkpcni' uweegui" j cu" c" y kf g" ctgc" qh' kphwpep' pqv' qpn { " kp" vj g' dwkpguu' gp xktpo gpv' dw' cnu' qp" vj g' uqekni' wewt g O' k' vj ku' eqpvz v' vj g' ugtxcpv' ngcf gtuj kr " o qf gn' qh' gtu" c" o qtg" uwu' kpcdng" cpf " gj lecn' o cpci go gpv' cr r tqcej " eqo r ctgf " vj " vcf kkpni' ngcf gtuj kr " cr r tqcej gu' O' k' vj ku' y c { . " kv' gnr u' wu' wpf gtucpf " ku' f ghkpkqp. " r tkpek ngu' cpf " ghgeu' O'

**Keywords** < Ugtxcpv'ngcf gtuj kr ." go r cvj { ." lqdu' uc' vku' cevkqp. " qti cpk cvkpcni' ewmwg. " gj lecn' ngcf gtuj kr

# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## ÖĞRENME BECERİLERİNİN WEB OF SCIENCE VERİ TABANINA DAYALI OLARAK İNCELENMESİ

### ANALYSIS OF LEARNING SKILLS BASED ON WEB OF SCIENCE DATABASE

Öğr. Gör. Dr. Zehra YILMAZER

Ukcuc' Ewoj wt k' gv' ©pkxgt ukaguk' [ ,rf , | grk' O [ Q "

Qtekf 'P q <222; /2227/6; 89/48; ; "

#### ÖZET

.. tgpog = ödktg { rgtkp " w { ctcprctc " nct , " i ¾mgtf k k' i ¾ rpgdkgp " fextcp, nctf cnk' fg k ko rgtö " qrtcnl' vcp, o ncpo , vt " Gtvo gt 'xg' Pgy d { .4235-0' Dq { cv ku' xg' Mırdæ \*3; ; 7+İ ¾g'¾ tgpog g' dgegtkukkg. "cun, pf c" dktg { kp " dkt " cncpf c " wncrc o cu, p, " uc nc { cp " ug | i kugn' dk " f wtwo f wt " xg " ¾ tgpog g' dgegtkukpk' vgo grf g " w { i wrco c' cncp, 'kg' dki k' g' T ¾p Å v Å to g' u Å tgekp' gp' qnw cp' knk' ducu cnc' kcf g' gwo gn' o Åo n Å pf Å t0 " Ctc v, to cf c " 3; 97 " xg " 4246 " { , nct, " ctcu, pf c " ö¾ tgpog g' dgegtkgtk " nıpwuw " kg " ki k' k' qrtcnl' { c { , pncpo , " o cncrgtg' g' gp " ± qm' mncp, ncp " cpcj vt " ngrko grgtk " { c { , p, u, m , p, p " { , nct " k ± pf gnk' f g k ko k " { cr, ncp " cte v, to cncf cnk' cv, h' cncp " { c { , pnc. " dw' nıpwf c " cmkh' qrtcnl' ± cn cp " cte v, to ce, nct. " f gti kgt. " Åmrgt " xg " mıtwo nct, p " ddkrk' qo gvkni' cpcrk' kpkp " { cr, m cu, " co c ± ncpo cmcf, t0' Cte v, to cf c " co c ± n " ¾pgmgo g " { ¾pvo rgtkpf gp' ¾n Å ¾pgmgo " { ¾pvo k' ug ± k k v t0' Cte v, to cf c " pkn' cte v, to c " { ¾pvo rgtkpf gp' f wtwo " ± cn o cu, " { ¾pvo k' mncp, m , v t0' Cte v, to cp, p " xgtkgtkpk' cpcrk' kpf g' T ' Rtqi tco mo c' F k' k' ö ddkrkuj kpk { ö " r cngv' r tqi tco , ' mncp, m , v t0' "

#### Yöntem

Cte v, to c. " ¾ tgpog g' dgegtkgtk' nıpwuw' pf c " { c { , pncpo , " qncp " ± cn o cncf, p " f go qi tchki' ¾ gnknıgtk' xg " { ¾pvo kpg' ck' ¾ gnknıgtk' k' ddkrk' qo gvkni' r cto gvtgrt " ± gt ± gxgkpf g' kpegrg' gp' dkt' f wtwo " ± cn o cu, f, t0 " Cte v, to c " xgtkgtk' Y qU' xgtk' vdcpp, pf cp " grf g' gf kno k v t0' Cte v, to c " ¾pgmgo k' ¾n Å ¾pgmgo " cm c " { ¾pvo k' kg' qnw wtwo w wt0' n Å ¾pgmgo gf g' ¾pegf gp' dgrıngpo k' qncp' dkt' vmo " ¾pgo " ¾n Å rgtk' xctf, t " xg' dw' ¾n Å rgtk' ncr uc { cp' d Å v Å p " f wtwo nct " kpegrgo gn' k' ugpk " " Rcwqp.4236-0' Dw' ± gt ± gxgf g' cte v, to cp, p " 3; 97 " kg " 4246 " { , nct, 'kg' u, p, tncpf, t, m cu, 'xg' ö¾ tgpog g' dgegtkgtk' h' ngrko grgtk' r' d Å v Å p " f lıgtf g' vctcpo cu, " ¾n Å " qrtcnl' dgrıngpo k v t0' Qnw wt wncp " nıkgtrgtg " i ¾g " xgtk' ugk' qnw wto c " c co cncf, " vcnk " gf kgt gn' ö¾ tgpog g' dgegtkgtk' nıpwuw' pf c " { cr, m , " 5: 8; " ± cn o c " grf g' gf kno k v t0' Dw' ± cn o cncf " o cncrgtrg " u, p, tncpf, t, rf , , pf c " 4932 " cf gv " o cncrg " qrf w w " i ¾ Å n Å v Å t0' Ctf, pf cp " dw " o cncrgtrg " ög kko " cte v, to cncf, ö. ög kko f g' f k' k' rıgrt' ctcu, ± cn o cncf. ö r ukınlı k' g kko k. ö i grk ko " r ukınlı k' k' xg' ö¾ gr' g kko ö " cpcj vt " ngrko grgtk' kg' u, p, tncpf, t, nctcn' grf g' gf kpg " 36; 6' o cncrg' vgn' c' t " öUE k. " öUE k. " öGUE k. " öGZRC P F GF ö' f c " { c { , pncpo , " qm cncf, pc " i ¾g " grgo k " xg " gp " uqp " 35: 7 " o cncrg " cte v, to c " f c j k' gf kgtgm " ± cn o cncf, p " u Å t g ± " k ± gt kpf g " ugti krf k' nıgtk' f g k ko " xg " i grk ko " ddkrk' qo gvkni' r cto gvtgrt " c ± u, pf cp " qvc { c " nıpwuw w wt0 "

Xgtk' ug v kpk' cpcrk' kpf g' ö T ö' r tqi tco mo c' f k' k' ö ddkrkuj kpk { ö' r cngv' r tqi tco , ' mncp, m , v t0' "

#### Sonuçlar

Dw' cte v, to c " kg " 3; 97 " /4246 " { , nct, " ctcu, pf c " Y qU' xgtk' vdcpp, pc' nct { , n " ö¾ tgpog g' dgegtkgtk' cncp, pf c " 35: 7 " o cncrg' qrf w w' xg' gp' lı " nct " { c { , p, p " 359 " o cncrg' kg " 4244 " { , nıpf c " { cr, rf , , " i ¾ Å nı gmgf k t0' Cte v, to c " dwi wrct, pc " i ¾g " ö¾ tgpog g' dgegtkgtk' kg' ki k' k' { c { , pncpo , " 35: 7 " o cncrg' g' vqr nco " 3784 " lctnn " cpcj vt " ngrko gpkp " mncp, rf , , " i ¾ Å nı gmgf k t0' " Dwncf " k ± gt kpf gp " gp " ± qm' 389 " nıg " ögf vecv k pö " cpcj vt " ngrko gpkp " nıncp, rf , , " vgr k' gf kno k v t0' Cte v, to c " dwi wrct, pf c " ö¾ tgpog g' dgegtkgtk' kg' ki k' k' { c { , p " { cr cp " f gti kgtf gp " gp " { Å mgnı kpf gz " uc { , u, pc " ucj kr " qncp " 32 " f gti k' g' vqr nco " 449 " o cncrg' kpk " { c { , pncpf , , " xg' kmı, tc { , " O gf lecn' Vgej gt " 59 + f gti kpkp " cıf , , " i ¾ Å nı gmgf k t0' [ c { , pnc { cp " o cncrgtrg' g' gnı k' qncp "

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kmi32"Äpkgtukg"ctcu,pcf c'kmiü,tc{, "49" {c{,p"kg"J cegwgr g"Wpk0cmr cncf,t0Ctc v, to cf c'grf g'gf krgp"dk" f k gt"dwi wö" tgpö g'Dgegtkgtk"kg"ki kkk{c{,prc{cp"o cncrgntf g'gwnk"qncp"kmi32" {c| ct'ctcu,pcf c'kmi ü,tc{,"8" {c{,p"kg" \ j cpi [ Öpk"crf , ,f,t0Gp"±qncv,h'uc{,u,pc"ucj k"qncp" {c| ct,p"kg"Uej o kf vJ Q 0\*35+" qrf w w' gurk" gf km k vt0' Ctc v, to c" dwi wnt,pc" i ¾g" ö¾ tgpö g" dgegtkgtk" kg" ki kkk {c{,prc{cp" o cncrgntf g'gwnk"qncp"kmi32"Äng"ctcu,pcf c'kmiü,tc{, ; 3; 5" {c{,p"kgp"WUCdp"crf , ,i ¾Än gmgf k0' **Anahtar Sözcükler** <dkrk{qo gvkncpcrk , g kko .¾ tgpö g.¾ tgpö g'dgegtkgtk

#### KAYNAKLAR

Dq{c\ ku." TÖGÖ" Mqnd." FÖCÖ\*3; ; 7+0' Htqo " ngctpkpi " uv'rgu" vq" ngctpkpi " unkmü" vj g" gzgewkxg" unkmü r tqhkgt0Lqwtprnqhl0 cpci gkcnRu{ej qnqi {."32\*7+;5/390j wr u1lf qkQti B2B32: 248: 5; 6; 7322: 7; 5: " Gtvo gt."R0' C0" P gy d{." V0' L0' \*4235+0' Dgj cxkqtuo ." eqi pkxkxuo ." eqputwevwxkxuo <eqo r ctkpi " etkktcni' hgcvwtgu'htqo "cp",putwevwxkpcnif guki p'r gtur gevxxg0Rgtlqto cpeg'k0 rtqxgo gpv'S wctvgtif. '48\*4+'65/930' Rcwqp."O' S' 0' \*4236+0' Pkgn'ctc v, to c" xg'f g' gtrgpf kt o g" [ ¾pvgo rgtk" \*O' D' Äv' Äp." U' D' 0' F go kt. " ±gx0' Rgi go " Cmf go k0\*Qtllkpcn±cn, o c'3; ; 2f c" {c{, o rcpf, + " "

#### ABSTRACT

##### Introduction

Ngctpkpi "ku'f ghkpgf "cu'öej cpi gu'lp"vj g"qdugtxcdng"dgj cxkqtu"qh'lpf kxf wcu'vqy ctf u'wko wkö" \*Gtvo gt"( " P gy d{."4235+0Cu'r qukgf "d{ "Dq{c\ ku'cpf "Mqnd"\*3; ; 7+ "vj g'ecr cek{ "vq'ngctp"ku'cp"lpwkkxg"ucv'vj cv' gpcdngu"cp"lpf kxf wcu'vq"dgeqo g"r tqhkgtkpv'kp" c"i kxgp"hggrf 0'Vj g"gzr tguakp"qh'ngctpkpi "unkmü"ecp"dg" dtqcf n' "eqpegr wcrk{ gf "cu'c"vy q/ugr 'r tqeguu' eqo r tkulpi "vj g'cr r rkecvkqp"ctgc"cpf "vj g'v'cpuhqto c'v'kqp"qh" vj cv'cr r rkecvkqp"kp'v'hpqy rnf i g0'

Vj g"qdl gevxxg"qh'vj ku'uwf { "ku'vq"eqpf wev'c"dkrkqo gvkle"cpnc{ uku'qh'vj g"o quv'htgs wgpvni' "wugf "ng{ y qtf u" kp'ct'kengur' wdrukj gf "qp"vj g'uwdlgev'qh'Sngctpkpi "unkmü"dgvy ggp'3; 97"cpf "42460Cff kkkqpcn{ . 'vj g'uwf { " y kn'gzco kpg"vj g"qxgnwvqp"qh'r wdriecv'kqp"htgs wgepe { "qxgt"vko g. "kf gpvkh{ "ekgf "r wdriecv'kqpu"kp"tgrcvgf " tgugetej . "cpf "cpnc{ | g"vj g"eqpvtkdwkqpu"qh'tgugetej gtu. "lqwtpcnu. "eqwv'kku. "cpf "kpukwv'kqpu"cev'kgn{ " gpi ci gf "kp'vj ku'hggrf "qh'uwf { 0'kp"vj ku'uwf { . 'vj g'etkgtkqp"uco r rkipi "o gjv qf . 'y j lej "ku'qpg"qh'vj g'r wtr qukxg" uco r rkipi "o gjv qf u" y cu'ugrgev'f 0' Vj g"ecug"uwf { "o gjv qf . 'y j lej "ku'qpg"qh'vj g's wcrkcv'kxg" tgugetej " o gjv qf u" y cu'wugf "kp'vj g"tgugetej 0'Vj g'f cvc"htqo "vj g'uwf { "y gtg"cpnc{ | gf "wukpi "vj g" T'Rtqi tco o kpi " Ncpi wci g'Sdkrkuj kp{ \$'r cenai g'r tqi tco 0'

##### Methodology

Vj g"tgugetej "ku'c"ecug"uwf { "vj cv'gzco kpgu"vj g" f go qi tcr j le" cpf "o gjv qf qnqi kcn'ej ctcev'gtk'k'ku' qh" r wdrukj gf "uwf lgu'qp"ngctpkpi "unkmü"y kj kp'vj g'htco gy qtni'qh'dkrkqo gvkle"r ctco gvtu0'

Vj g"tgugetej "f cvc"y gtg"qdv'kpgf "htqo "vj g"Y qU'f cvdcug0'Vj g"tgugetej "uco r r'ng"y cu'htqo gf "wukpi "vj g" etkgtkqp" uco r rkipi " o gjv qf 0' kp" etkgtkqp" uco r rkipi . " c" ugv" qh" r tgf gvgto kpgf "ko r qt'wpeg" etkgtk" ku" gucdrukj gf . "cpf "cmükwv'kqpu"vj cvö gg'v'vj g'ug'etkgtk'ctg'ugrgev'f "hqt"gzco kpcv'kqp" \*Rcwqp."4236+0'kp"vj ku' htco gy qtm'kv'y cu'f gvgto kpgf "vj cv'c' hko kcv'kqp"qh'vj g"tgugetej "vq'vj g" { gctv'dgvy ggp'3; 97"cpf "4246"cpf " c'ugctej "qh'cmh'cpi wci gu'ht'vj g'vgto u'Sngctpkpi "unkmü"y qwv "dg"cp"cr r tqr tkcv'etkgtkqp0'kp"ceeqtf cpeg" y kj "vj g"gucdrukj gf "etkgtk."c"v'cni'qh'5: 8; "uwf lgu'qp"vj g'uwdlgev'qh'Sngctpkpi "unkmü"y gtg"kf gpvkhgf " vj tqwi j "vj g'eqo r r'ngv'kqp"qh'vj g'ur gekk'gf "f cvc"ug'v'et'ge'v'kqp"u'ci gu0C'tgxkgy "qh'vj g'rkgtcwtg'tgxgcnf "vj cv' 4.932'ctv'ng'u'o gv'vj g'etkgtk'htq'kpenwukp"kp'vj g'uwf { 0'Uwdugs wgpvni' . 'vj g'ctv'ng'u'y gtg'rko k'gf "vq'vj qug" eqp'v'k'kp' "vj g'ng{ y qtf u"\$gf wecv'kpcn'it'gugetej . "\$'kpv'gtf k'ekr r'pct { "uwf lgu'kp"gf wecv'kqp.\$'Sr u{ej qnqi { " gf wecv'kqp.\$'Sf gxgnr o gpv'cni' u{ej qnqi { . "\$'cpf "Sur gekni'gf wecv'kqp0'Qh'vj g'36; 6'ctv'ng'u'kf gpvkhgf . "35: 7" y gtg'tgv'kpgf "dcugf "qp"vj g'kt"r wdriecv'kqp"ucwu0'Vj g' h'kpcn'3.5: 7'ctv'ng'u'y gtg'kpenmf gf "kp'vj g"tgugetej . "

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y j lej "y cu"eqpf wevgf "wukpi "vj g"UEK"UEK"GUEK"cpf "GZRCP F GF "f cvdcugu0Vj g"gxqmwkp"qh"vj g" uwf lgu'kp"s wguwkp'y cu'tgxgcrf "kp'vgo u'qh'dkdkqo gtle'r ctco gvtu0'

Vj g"\$T\$"r tqi tco o kpi "rcpi wci gu"\$Ddkrkuj kp{"\$r cenci g'y cu'go r m{"gf "hqt"vj g"cpn{uku'qh"vj g"fcw"ugv0'

#### Results / Expected Outcomes

Vj g"r tgugpv"uwf {"tgxgcu"vj cv"3.5: 7"ctvengu"r gtvckpki "v"vj g"hgfr "qh"\$ngctpki "unkm\$"j cxg"dgpp" tgi kvgtgf "kp"vj g"Y qU'f cvdcug"dgw ggp"3; 97"cpf"42460'Vj g"j ki j guv'pwo dgt"qh"r wdrkecvkpu"y cu" qdugt xgf "kp"4244."y kj "359"ctvengu0Vj g'tgugctej "hpf kpi u'lpf kecvg"vj cv'c'vqcn'qh"3.784'f kpkpevhg{y qtf u" y gtg'wkl{gf "kp"vj g"3.5: 7"ctvengu'r wdrkuj gf "qp"\$ngctpki "unkm00Vj g'hg{y qtf "\$gf wecvkqp\$y cu'kf gpvkhgf " cu'c'ng{"vgo "kp"vj g'eqtr wu"qeewtkpi "c"vqcn'qh"389"ko gu0Vj g'tgugctej "hpf kpi u'lpf kecvg"vj cv'c'vqcn'qh" 449"ctvengu'y gtg'r wdrkuj gf "kp"vj g"32'lqwtpcn'y kj "vj g"j ki j guv'lpf gz'pwo dgt"co qpi "vj qug'r wdrkuj kpi "qp" \$ngctpki "unkm0\$O gf kecn'Vgcej gt"\*59+"y cu'kf gpvkhgf "cu'vj g"o quv'htgs wgpvn{"ekgf "lqwtpcn'kp"vj ku'hgrf 0' J cegwgr g"Wpkxgtukv{"ku'vj g'vqr /tcpngf "kpuwkwkp"co qpi "vj g'vqr "32'wpkxgtukv"y kj "vj g"j ki j guv'pwo dgt" qh'r wdrkuj gf "ctvengu."y kj "49"r wdrkecvkpu"v"ku'etgf k0Vj g"uwf {"cf f kkpqcm{"tgxgcrf "vj cv\ j cpi "[ 0' y cu'vj g"o quv'r tqnhle"cwj qt"co qpi "vj g'vqr "32'eqvtdwqtu"v"ctvengu'r wdrkuj gf "kp"vj g"\$ngctpki "Unkm\$" ecvgi qt{.y kj "ukz"r wdrkecvkpu0Vj g'cwj qt"y kj "vj g"j ki j guv'pwo dgt"qh'ekcvkpu"y cu'Uej o kf vJ ( 0\*35+0' Vj g"tgugctej "hpf kpi u'lpf kecvg"vj cv'vj g"Wpkxgf "Ucvgu"ku'vj g"eqwpt{"y kj "vj g"j ki j guv'pwo dgt"qh" r wdrkecvkpu"qp"vj g'vqr le"qh'hgctpki "unkm."y kj "; .3; 5"ctvengu0'

**Keywords**<dkdkqo gtle"cpn{uku."gf wecvkqp."hgctpki ."hgctpki "unkm"'

"

CİNSİYET VE YAŞ FAKTÖRLERİNİN DİŞ ÇÜRÜĞÜ ÜZERİNE ETKİSİ  
EFFECT OF GENDER AND AGE FACTORS ON TOOTH DECAY

Elif Reyhan DURAK<sup>1</sup>

<sup>1</sup>F10<sup>1</sup> t00{guk'Pgx gj kt'J ce,'Dgmc 'Xgrk'Opkxgt ukxguk'Fk 'J gnko ik k'Hcn'Anxguk 'Tguvqt c'vHfFk " Vgf c'xkuk'Pgx gj kt.'V'Ank'g"

ÖZET

Fk "+ÃÄ ÄpÄp"vcp,o ,"=dcmgtkrktk'c ,| "k'gtkukpf g"nqmpk cu{qpw "dw'qtvc o f c"±q cm cu,"xg" co cprc " f k'gv' xg" nqpcn' hcm'4ngtkpk" gvnkg ko g" i kto guk' uqpvev' qnw cp" o vnk'hc'4k' gn' xg" gphmuk' 3/4 " dk' j cucn,m,t0Y Ä'Änlqmw wo wpf cnk'knkpeki'hcm'4ngt="c . 'ekpuk' gv.'v'Äm'Ä'm'dgungpo g. 'f k'kp'o qthqmlk'k'xg" nqpw w" c ,| "j k'gpk' f k" h't±crco c" cn ncpn ,. " g kko " ugxk' guk' xg" uqu{qgnqppo kn' f vtw " i kdk' gvngpntf k'0'Dw'±cn o cp,p'co ce,"=ekpuk' gv'xg" {c "hcm'4ngtkpk. 'f k' "+ÃÄ Ä'Ä'qmw wo w'Ä' gtlpg'g'v'nkukpk" kpegrpo guk' k'0'37/87" {c "ctcu,"33: "j cuc"Ä' gtlpf g" {Ä'Ä'Ä'gp"dw'±cn o cf c. "j cucrc't"nef ,p" xg" gtngni' qrcrcn'knk'g."37/52" {c "52/72" {c "72" xg"Ä' gtlk' {c "qrcrcn'f c"Ä'±'cn'i twdc" {t,rf ,0J cuc'vcnk' "ukngo k' Ä' gtlpf gp" o gxew' ±Ä'Ä'mgtk' ne {f gf kf k'0' Xgtkrkt' kucvukmgn' qrcrcn' f g gtrgpf k'kf k'0' Ekpuk' gv' xg" {c " f c ,no ,pc"i 3/4g'j cuc"uc {,u,"=37/52" {c "ctcu,pf c."nef ,prct'gtnmgmtg"i 3/4g'f c'j c"hc| rc"uc {,f cf ,t052" {c " Ä' gtlpf gnk'j cucrc'tf c" gtnmgmt" nef ,prctc"i 3/4g'f c'j c"hc| rcf ,t0'Ekpuk' gv' xg" {c "f c ,no ,pc"i 3/4g'±Ä'Ä'm' u,m ,=37/52" {c "ctcu,pf c'xg'52/72" {c "ctcu,pf c"nef ,prctf c" gtnmgmtg"i 3/4g'f c'j c"hc| rc"i 3/4Ä'f Ä'0'72" {c " xg"Ä' gtlk'f g gtrgpf g" gtnmgmtf g"±Ä'Ä'm'i 3/4Ä'no g"u,m , "f c'j c"hc| rc" dw'w'p' w'0'Uc {,ucn'qrcrcn'hc'tm,n,met" dw'w'puc" f c" f g gtrgt" kucvukmgn'ctcu,pf c" cprco n,"hctn' dw'w'p' cf , "r @.27-0 [ cr,np" dw'±cn o cp,p" uqpvev'p' c" grf g" gf krgp" dwi wct" f g gtrgpf k'kf k' kpf g" hctm," gk' qmlkn' tkun' hcm'4ngtkpk" ±Ä'Ä'm' tkunk' Ä' gtlpf g'kucvukmgn'qrcrcn'cprco n,"qm cuc" f c"gvnkgtk'qr' w w'i 3/4Ä'f Ä'0'Hctm" gk' qmlkn' hcm'4ngtkpk' f k " ±Ä'Ä' Ä'Ä'qmw wto c't'knkpkp. "o gxew'±Ä'Ä'mgtk'p'v'gf c'xk'xg'vcnk'k'p' f g gtrgpf k'kf k' k'f c'j c"hc| rc"±cn o c {c" kj vk' c±'xctf ,t0'

Anahtar Kelimeler: 'F k 'Y Ä'Ä' Ä'Ä'Tgtqur gmki'Y cn o c. 'Tkun' hcm'4ngtk'

ABSTRACT

Vj g'f ghpkkqp'qh'vqqy 'f gec { "ku'K'ku'c"o vnk'hc'v'q'k'nc'p'f 'kphg'v'k'w'f'k'ug'c'v'j cv'q'ee'w'u'cu'c't'gu'w'n'q'h'v'g" eqmpk' cv'qp'q'h'dce'v'g'k'kp'v'j g'o qwj . 'vj gk' r' t'q'k'g'v'k'p'kp'v'j ku'gp'x'k'q'p'o gp'v'p'f 'vj g'kp'v'g'c'v'k'p'q'h'f'kg'v' c'p'f "j qu' h'ce'v'q'u"qxgt"v'o g'0'Uge'q'p'f'ct { "h'ce'v'q'u"kp"v'j g'hq'to cv'k'p' q'h'ect'k'g'u'ctg="Ci g."i g'p'f'gt. "uc'k'xc." p'w't'k'k'q'p."o q'r'j q'm'i { "c'p'f' r' q'uk'k'q'p'q'h'v'j g'v'q'q'y . "q't'cn'j { i k'g'p'g."v'q'q'y 'd't'w'uj k'p'i 'j c'd'k'u'g'f'v'ec'v'k'p'g'x'g'n'c'p'f " u'q'ek'q'g'ee'q'p'q'o le"uc'w'u'0'Vj g'r'w'r'q'ug'q'h'v'j ku'uw'f { "ku'v'q'g'z'co k'p'g'v'j g'g'h'g'ew'q'h'i g'p'f'gt" c'p'f "ci g'h'ce'v'q'u'q'p" v'j g'hq'to cv'k'p'q'h'f'g'p'v'c'n'ect'k'g'u'0'k'p'v'j ku'uw'f { "eq'p'f'v'ev'g'f'q'p"33: "r'cv'k'p'w'u'd'g'y'g'g'p'v'j g'ci gu'q'h'37/87. "vj g' r'cv'k'p'w'u'y'g't'g'f'k'kf'g'f'k'p'v'q'y'q'i t'q'w'u'cu'o'c'rg'c'p'f'f'g'o'c'rg."c'p'f'v'j't'g'g'u'w'd'i t'q'w'u'cu'37/52" {g'ct'u'q'r'f'52/72" {g'ct'u'q'r'f'52" {g'ct'u'q'r'f'c'p'f "cd'q'x'g'0'G'z'k'k'p'i "ect'k'g'u'y'g't'g'g'eq't'f'g'f'v'j t'q'w'i j "v'j g'r'cv'k'p'w'u'h'q'm'y /w" u'f'ug'o'0'Vj g'f'c'v" y'g't'g'g'x'c'n'v'ev'g'f' u'c'v'k'k'ec'm'0'P'w'o d'g't" q'h' r'cv'k'p'w'u'c'ee'q't'f'k'p'i "v'q"i g'p'f'gt" c'p'f "ci g' f'k'k'k'd'w'k'p'="d'g'y'g'g'p'v'j g'ci gu'q'h'37/52. "y'q'o g'p'c't'g'o'q't'g'p'w'o g't'q'w'u'v'j c'p'o g'p'0'k'p'r'cv'k'p'w'u'q'x'g't'v'j g'ci g' q'h'52." o g'p'c't'g'o'q't'g'p'w'o g't'q'w'u'v'j c'p' y'q'o g'p'0' H'g's'w'g'p'e { "q'h'ect'k'g'u'c'ee'q't'f'k'p'i "v'q"i g'p'f'gt" c'p'f "ci g' f'k'k'k'd'w'k'p'="d'g'y'g'g'p'v'j g'ci gu'q'h'37/52'c'p'f'52/72. "y'q'o g'p'y'g't'g'o'q't'g'f'g's'w'g'p'v'v'j c'p'o g'p'0'Vj g'h'g's'w'g'p'e { "

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qh'ectkgu'y cu'hqwpf "vq"dg"j ki j gt"kp"o gp"cv"vj g"ci gu"qh"72"cpf "cdqyg0Cnj qwi j "vj gtg"y gtg"pwo gtlecl' f khtgpegu."pq"ucvukmcmf "uki pkhecpv'f khtgpeg"y cu'hqwpf "dgy ggp"vj g"xcnwg0Y j gp"vj g"hpf kpi u" qdvkpgf "cu"ctguwn"qh"vj ku"uwf {"y gtg"xcnwgf."k'y cu"uggp"vj cv'f khtgpv'gkqmi lecl'tkni'hevqtu"j cf " ghgeu"qp"vj g"tkni'qh'ectkgu."cnj qwi j "pqv'ucvukmcmf "uki pkhecpv0O qtg"uwf lgu'ctg"pggf gf "vq"xcnwg" vj g"tkni'qh'f khtgpv'gkqmi lecl'hevqtu'ecwupi "f gpv'lectkgu'cpf "vj g'tgcvo gp'cpf "hmqy /w"qh'gzkupi " ectkgu0"

**Keywords:** 'F gpv'lectkgu 'Tgtqr gevkg'Uwf { . 'Tkni'hevqtu'



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uqekni'ö gf kc'cp'cngtpevkg'r vdrle'ur j gtg'vq'vj g'v'cf kkpqcn'r vdrle'ur j gtg'ku'vj cv.'vprkng'v'cf kkpqcn'ö gf kc'vqqu.'kv'ku'itgg'itqo 'egpuqtuj kr 'cpf 'cmqy u'lpf kxf vdr'qr kpkpu'vq'eqo g'vq'vj g'itg'xgt { 'gcukn'0

Vj g'wpegpuqtgf 'eqxgtci g'qh'pgy u'qp'xkqngpeg'ci ckpu'y qo gp'qp'uqekni'ö gf kc'f qgu'pqv'etgcv'c'ugpug' qh'uqekni'urkf ctkv' 'cpf 'f qgu'pqv'itgcf 'vq'c'ö qtg'xqecni'tgcev'kp'cpf . 'cu'c'tguwn.'f qgu'pqv'itgcf 'vq'c'r qukkxg' qweqo g0Cnj qwi j 'vj g'eqxgtci g'qh'xkqngpeg'lp'uqekni'ö gf kc'cpf 'v'cf kkpqcn'ö gf kc'ku'pqv'vj g'ö ckp'uqwtg' qh'xkqngpeg'lp'uqekni'ö . 'kv'hi kko k' gu'vj g'kpekf gpv'cpf 'etgcv'itg/xk'vko k' cv'kp'qp'vj g'xk'vko u' 'cpf 'dtkpi u' vj g'xk'vko'v' 'qh'xkqngpeg'vq'vj g'itg'itqp'v'g'xgp'ö qtg'0Vj g'itku'y j q'gzco kpg'vj g'gh'gevu'qh'vj g'ö gf kc'vq' gzco kpg'vj g'tgr'v'kp'uj kr 'dgvy ggp'vj g'f kur m' { 'qh'xkqngpeg'cpf 'ci i tgu'kxg'cv'kwf gu'j cxg'ucv'gf 'vj cv'vj g' xk'vko'v' 'qh'xkqngpeg'lp'eqo o v'p'ecv'kp'v'q'qu'ku'gh'ge'v'xg'lp'ö cni'pi 'xkqngpeg'ö qtg'y kf gur t'gcf 'lp'uqekni'0

K'vj ku'eqpv'gzv.'c's v'gu'k'pp'ck'g'eqpuk'k'pi 'qh'v'gp's v'gu'k'qp'u'qp'vj g'uv'dl'ge'v'y cu'cr r'rk'gf 'vq'vy q'j w'p'f t'gf' hgo cng'uv'w'f gp'u'uv'w'f { k'pi 'cv' , t'p'cni'Xq'ecv'kp'cni'Uej q'q'ni'0Vj g'cpuy gt'u'y gtg'c'p'cni' | gf 'cpf 'k'p'v'g'tr t'g'v'f 'k'p'vj g' URUU'r tqi t'co 0Vj g't'gu'nu'q'd'v'c'k'p'gf 'itqo 'vj g'uv'w'f { 'y gtg'vj cv'itg'o cng'uv'w'f gp'u'j cf 'f'k'h'le'w'k'gu'lp'v'w'k'pi' r g'qr ng'q'w'uk'f g.'vj g' { 'h'gn'vj g'p'ggf 'vq'eq'pu'c'p'v'w'f 'r c' { 'c'w'gp'v'k'p'v'q'vj g'k' 'uv'tt'q'w'p'f k'pi u'y j k'ng'y c'ni'k'pi 'qp'vj g' ut'ggv.'cpf 'vj cv'vj g'ug'x'g'p'u't'g'ut'k'ev'gf 'y qo gp)'it'ggf qo u' 'cpf 'p'gi cv'x'gn' { 'c'h'ge'v'gf 'vj g'k't's w'erk'v' { 'qh'it'kg'0

**Key words:** Xkqngpeg.'Y qo gp.'Uqekni'0 gf kc.'Rvdrle'Ur ceg.' , t'p'cni'W'p'k'x'g't'uk'v'f

ABSTRACT BOOK



TÜRK DİLİNE HİZMET EDEN BİR BİLGE: KORKUT ATA

Mustafa TANÇ\*

ÖZET

VÄtnif kkk "VÄtnifkup,p,p'f w'i w'xg'f Ä Äpeg"Ätgvdkm gulpg'ko m-p'xgtgp."Ätgvkrgp"fw'i w'xg'f Ä Äpegrtk' dgrtk'nmctmct"±gt±gxgulpf g"i grgegnl'nm cmtc"cmcto c{,"uc rc{cp."j cwc"i g±o k "pgukmgteg"uwpwcp" f Ä Äpegrtk'kpcrc c'i ¾gxl'Ämnggp'ctkj ,f gtpk g'xg'eq tch'i gpk rk g'ucj kr 'f Äp{cp,p'uc{,n'f kngtkpf gp" dtkkf k'0' m'gf gd,"o gvprtk": 0{Ä {,rc'ck'M/ÄmÄm'cdkf grtkf k'0M/Äi'Vki kp."Dki g'Mc cp'xg'Dki g'Xg| k" Vqp{wmw'cf,pc'f kkrp'dw'cp,uct."vc mt"Ä gtpg'nc| ,pctm{|c| ,m , vt0Cdkf grtkp'f krp'g'dcm, ,o ,| f c" VÄtm±gpk'k rgo k 'xg'i grk o k 'dk'f k'qf w wpw'cj cwnm'i ¾gdkk'k ODwf c'dk' g'VÄtnif krp'k'qr nwo f c" ±qni' g'krgt"i kf gp'dk" f g'xkf gp"dgk'ecpn'xg'k ngm'dk"dk±o f g"mwmp,rf , ,p,"i ¾vgtk'0M/ÄmÄmngtf gp" uqptc"W'i w'rt" f ¾pgo k'dc rct'0Dw'f ¾pgo ."VÄtmngtk" {gtrg kn'j c{cvc"i g±vngtk"vct,o c" f c{cn" gj k" {c co ,p,"¾pegrf kngtk'dk" gxtg'qnt'0Hctm,"o gf gpk'g'vgrg'xg'f g k knimÄmÄmngtrg"u,m'krk nkr't'nmwmt'0' co cpk' o "{cp,p'c'Dw'k o ."0 cplj ck' o ."J ,tkm'k'cpn'mi kdk'kcp±rct±qni' {¾pnÄkrk nkr't'k'egt kulpg'i kkrk'0' Dkj cuc. ¥ kpeg."Ucpntk±g'xg'Vkdgv±gf gp'r gni±qni' kp,"o gvpr"VÄt'f krp'g'±gxtkrk'0Dw'uc {gf g'VÄtm±g" {gpk' xg' | gpi kp'o gvpr"VÄtmngtk'ncxw wt'0"

320 {Ä {,rc" i g'kpf k kpf g" VÄtmngt." urco k'gvk' ncdwi' gf gt" xg" Cdf wngtko " Ucwni' Dwi tc" J cpöp ¾pf g'rk kpf g'kmi'0 ÄnÄo cp"VÄtnif gxg'k'qrcp'Mctej cpn'ct, 'mwct'0Dw'f ¾pgo f g." {cp,| ec" urco "mÄmÄÄ" i grk o grgt'nc {f go gl "c{p," co cpf c"VÄtm' urco "gf gd,"Ä Äp'rtk'f g'dÄ{ Än'o guchgrt"cnt'0O gf gpk'gv' f g k lo krp'k'dk" {cpu,o cu,"qrcem' urco "kpcpe,pc'ck'ncxco rct"VÄtnif Ä Äpeg"±g'gd'k'cv,pc"i kto g'g' dc rct'0VÄtnif k'cf,pc"¾pgo rk'gugtrg"qtvc {c"nupw'0[ wwh'J cu"J cekdkp" Mwcf i w'Dkri ck"Mc i ctn," O c j o w'öp'F kcpw'NÄi cvw'VÄtmÄ'Gf kd'Cj o gf "dkp'O c j o w' | Änpgm'öpk'CygdgvÄn'J cnt {,nÄ."J ceg" Cj o gf | gux,öpk'F kcp/, "J km gvkd'wprct'e Ä griddkt'¾p'gm'0M,ucc"VÄtnif k'k'ctkj , 'ug{k'k'egt kulpf g" r gni±qni'gf kr ." ckt."f Ä ÄpÄ'xg'dki gpk'f krp'f gp'¾pgo rk'gugtrg'ncxw wt'0UÄgm'k'i grk k'xg' | gpi krg k'0' v'g"VÄtnif krp"i grk kr " | gpi krg o gulpg'xg'f kn' {qmw'rc'hÄmÄÄp"i grgegnl'hw cmtc"cmct,m cu,pc"j k' o gv' gf gp'¾pgo rk'dki grtg'f gp'dk'kf g'Mqtmw'c'w'f ,t0Dkf k'ko k' f g'Mqtmw'c'w'p'f krp'f gp'i ÄpÄo Ä g'wrc cp" j km' {grtkp"VÄtnif krp'g'nc| cpf ,tf , ,nextco rct."u¾ "xctn'ct,."VÄtnimÄmÄÄpÄp"gut'f gnk' {cpu,o crct,." f krp"ctkj , "uÄt±"k'egt kulpf gnk"i grk ko k"VÄtnif krp'k'f g k lo "uÄt±g'ngtkp" {qtwo rcpo cu,."VÄtnif krp'g" ncv, , "cprcv,o "ncdk'k'g'vgrtk"VÄtnif Ä Äpeg" {cr ,u,p,p"gut'f gnk' {cpu,o crct,"i kdk'napw'ct" kpegrgo g'g' ±cn ,necm,t0"''''

Anahtar Kelimeler: "VÄtnif kkk" "Mqtmw'c'w." "VÄtnif krp'g" j k' o vgrtk'0"''''

\*Prof. Dr. Osmaniye Korkut Ata Üniversitesi İnsan ve Toplum Bilimleri Fakültesi Türk Dili ve Edebiyatı Bölümü mustafatanc@osmaniye.edu.tr ORCID ID: 0000-0002-7782-5049



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

kpqto crk\ 'y cu'r txxpvgf "v"uqo g"gzvpp0K'ku'uggp"vj cv'vj g"j ki j gu'kpetgcug"60' +qeewttgf "kp"422; " f wg"v"vj g"ko r cev'qh'vj g'422: "i mdcn'etkuku0Vj gtg'y cu'cnuq"cp"kpetgcug"eqo r ctgf "v"vj g"r txxkqwu" { gct" f wtkpi "vj g"Eqxf /3; "Rcpf go ke"r gtkqf 0'F wtkpi "vj ku'r gtkqf ."vj g"cxgtci g"qh'vj g"kpqto cil'geppqo { "kp" Vwtng{ 'ku'cv'c'j ki j 'hxxgn'y kj '53Q ' 0'

**Key Words:** Uj cf qy 'Geppqo { . 'Uk g'qh'Uj cf qy 'Geppqo { . 'Vcz 'Cf o kpkmtcvkp0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TÜRKİYE'DE KREDİ KARTI KULLANIM EĞİLİMLERİ: SON İKİ YILIN ANALİZİ CREDIT CARD USAGE TRENDS IN TURKEY: ANALYSIS OF THE LAST TWO YEARS

Yunus Emre KAHRAMAN

Ft0 t gko "Å{guk "Quo cpk g "Mqtmw" Cvc "Opkxgt ukvguk"

QTE F <2222/2224/2528/7449"

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#### ÖZET

Dw±cn o c. "VÅnk{gof gnkhtgf k'netv, 'hwmp, o 'g kko rgtkpk'up'knk' { ,n³4 grkpf g'cpcrk 'gf gtmhkpcpucn'xg" uqu{q/gmnpqo kn'gnkrgtkpk'kpegrgo gmgf k'OVÅnk{g'gmnpqo k'upf g'4244'xg'4245' { ,net, 'ctcu, pf c' { c cpcp" gphru{qpkw'dcumret. 'ctvp' { c co 'o cnk{gvrgtk'xg' i grk' f c ,no , pf cnk'f g k ko rgtk'p'ntgf k'netv, 'dqt±rpo c' f cxtcp, ret, p, 'pcu, n' gvnk'gf k k' f g gtrgpf k'ko k vlt'0¥ cn, o cf c. "ntgf k'netv, "mwmp, e, "uc { ,u, pf cnk' ctv, . " dqt±rpo c' qtcprct, . " i gtk'³4 go g "uÅtg±gtk' xg" lck "qtcprct, pf cnk' f cni c' rpo c' rct " f gvc { n "dk" gnk'f g "grg" cnpo , v, t'0C { p, | co cpf c. "ntgf k'netv, "dqt±rct, "Å g'k'pf g' cn, pcp "f Å gprg { lek' vgf dktg'k'p' gvnk'gtk' xg" dw' f ³4pgo f g'ctvp "f k'kcn'³4 go g "±³4 Åo rgtk'kpegrgo k vlt'0O cnr'g. "ntgf k'netv, ret, p, p' dkt g { ugn'vÅng'ekrgt "xg" mÅ±Ån' k ngvo grgt "Å g'k'pf gnk' gvnk'upk' cpcrk ' gf gtm' hpcpucn' qmw { c | ctn , p "³4pgo k' xg" uÅtf Å Ångdkrk' dqt±rpo c' utcvlgk'gtk'p' f ckt "dwi wrt" uwo cmcf , t'0 Grf g' gf k'gp "uqpw±rct. "³4 gnk'ng' hpcpucn' uc n , p " nqtwpoc u, " xg" dqt± { ³4pgo k' utcvlgk'gtk' i grk vlt'ko guk' c±, u, pf cp" nco w' xg" ³4 gn' ugm³4g' ³4pgtk'gt' uwo cmcf , t'0

Anahtar Kelimeler: M'gf k'Mctv, 'Dqt±rpo cu, 'Hpcpucn'F cxtcp, . 'Hpcpucn'Rk{ cuc'xg'Mwtwo rct "

#### ABSTRACT

Cdutcev<Vj ku'uwf { "gzco kpgu'vj g'hpcpekn'cpf "uqekq/geppqo le'lo rcev'qh'etgf k'ectf "wuci g'tgpf u'kp" Vwtng { "qxgt'vj g'r cu'vy q" { gctu0K'cuuguu" j qy "kphr'vkapct { 'r tguwtgu 'tkupi "rkxpi "equu. 'cpf "uj k'hu'kp" kpego g'f k'utkdwkq "dgw ggp "4244" cpf "4245" j cxg "kphw'gpegf "etgf k'ectf "dqttqy kpi "dgi cxkqtu"kp"vj g" Vwtnkuj "geppqo { 0'Vj g'uwf { 'r tqxkf gu'c'f g'vck'gf "cpcn' uku'qh'vj g'kpetgcug'kp"vj g'pwo dgt "qh'etgf k'ectf " wgtu "dqttqy kpi 'tcv'gu 'tgr c { o gpv'r tqeguugu. 'cpf "hwew'v'k'qpu'kp'kp'v'gtgu'vcv'gu0C f f k'kqpcmf . 'vj g'lo rcev' qh'tgi wr'vt { "o gcuw'gu'qp'etgf k'ectf "f gdv'cpf "vj g'tkug'qh'f ki kcn'r c { o gpv'uq'nw'k'qpu'f wtkpi "vj ku'r g'k'kf " ctg "gzco kpgf 0'Vj g'ctv'eng' cpcn' | gu'vj g'gh'geu'qh'etgf k'ectf u'qp" kpf k'kf wcn' eqpuwo gtu'cpf "uo cm' dw'k'p'guugu. "go r j cuk' kpi "vj g'lo r q'v'peg'qh'hpcpekn'rk'gtce { "cpf "uw'v'k'p'cdng' "dqttqy kpi "utcvgi k'gu'0'Vj g' h'kf kpi u' qh'gt "k'uki j vu' cpf "tgeqo o g'pf v'k'qpu' h'qt "dqj " r wdrke" cpf " r tkxcv'g' ugevtu' qp" utcvgi k'gu' vq" uchgi wctf 'hpcpekn'j gcnj "cpf "o cpci g'f gdv'gh'ge'v'xgn' 0'

Keywords: 'Etgf k'ectf "Dqttqy kpi . 'Hpcpekn'Dgi cxkqt. 'Hpcpekn'O ctngw'cpf "k'p'v'k'w'k'qpu'"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### FİNANSAL KARARLARDA SÜRÜ PSİKOLOJİSİNİN ETKİSİ: DAVRANIŞSAL BİR BAKIŞ THE IMPACT OF HERD PSYCHOLOGY ON FINANCIAL DECISIONS: A BEHAVIOURAL PERSPECTIVE

Yunus Emre KAHRAMAN

Ft0' t gko "Åf guk 'Quo cpk' g'Mqtmw'Çvc 'Çpkxgt ukaguk'

QTE F <2222/2224/2528/7449"

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#### ÖZET

Dw' ±cn, o c." hpcpcu'n r k{cucrtf c" {cv,t,o e," fextcp, rct,p," gvrkg{gp" 3/4pgo rk' dk" hcm3/4" qncp" uÅtÅ' r ukmqlkuk'k'peggo gmgf kt0'UÅtÅ'r ukmqlkuk" dktg{rgtkp'ngpf k'dkri k'xg"fg gtrgpf ktogrtpf gp"| k{cf g" ±q wpmw wp" fextcp, rct,p," vnrk" gvo g" g krko kpf g" qrf wmrct," f wto w' kcf g" gf gt0' " | grkmg" r k{cuc" f cri cncpo cmt,.,j, | n' h{cvf g k ko rgtkxg'htk' f3/4pgo rgtkpf g."uÅtÅ'r ukmqlkuk' {cv,t,o e, hctctret, "Å gtkpf g" dÅ{ Ån'dk" gvrkg' g"ucj k' vkt0'±cn, o cf c."uÅtÅ'fextcp, ,p,p" {cv,t,o e,rt,p"tkun'cni ,u,p,"pcu,n'fg k vtf k k" hpcpcu'n'dcncpctc"xg"cpk'±3/4nÅ rgtg"pcu,n'nvcvmf c"dwwpf w w'etc v,t,m cmcf ,t0'C {t,ec."dw'lgpqo gpkp" pgf gprgtk'xg" {cv,t,o e, "r ukmqlkuk'Å gtkpf gnr'gvrkg'k'f g"grg"cn,po cmcf ,t0'Uqpw±"qrctcm'dktg{rgtkp'dw" g krko f gp"nc±pedkro grgtk'k'p"utcvglkgt"xg"fgextcp, ucn'hpcpu'r gtur gmktpf gp"cn,pedkregm'3/4pgo rgt" 3/4pgtkro gmgf kt0'Dw'±cn, o c." {cv,t,o e,rt,p'fcj c'dk'p'±k'xg'tcu{ qpgrhctctret'c'rdkro grgtk'k'p'htmpf cnm' qnw wto c{,"co c±rco cmcf ,t0'

Anahtar Kelimeler: "UÅtÅ'Rukmqlkuk" [ cv,t,o e,"Fextcp, rct,,"Hpcpcu'nRk{cucrtf "

"

#### ABSTRACT

Vj ku'uwf { "gzco kpgu"j gtf "ru{ej qmı { . "y j lej "ku"cp"ko r qtcvp'hcevq" chgevpı "kpxguqt" dgj cxkwt "kp" hpcpekn'no ctngw0J gtf "ru{ej qmı { "tghgtu"vq" c'ukwcvkp"y j gtg"lpf kxf wcu'vgpf "vq" hqmıy "v" g'dgj cxkwt" qh'v" g'o clqtkv{ "tcv" gt'v" cp'v" gk"qy p'hpqy rfi i g'cpf "lwf i go gp0'Gur gekm' "f wtkı "o ctngv'hwewcvkpu" tcr k' "r tleg'ej cpi gu'cpf "etkuku'r gtkf u." j gtf "ru{ej qmı { "j cu'c" i tgcv'ko r cev'qp" kpxguqt "f gekukpu0'Vj ku" r cr gt'kpxguı cvgu"j qy "j gtf "dgj cxkwt"ej cpi gu'kpxguqtu'r gtegr vkqp"qh'tkum'cpf "eqpv'kdwgu"vq'hpcpekn' dwdngu" cpf "hcu" "etcuj gu'0' O qtqaxgt." vj g"ecwugu" qh' vj ku" r j gpqo gpqp" cpf "ku" ghgevu" qp" kpxguqt" ru{ej qmı { "ctg'cnq" f kwawgf 0Cu'c' tguwı." utcvgi lgu'cpf "o gcwtgu'v" cv'ecp'dg'cngr'htqo "c" dgj cxkwtcn' hpcpeg" r gtur gevkg" ctg" uwi i guvgf "vq" j gr "lpf kxf wcu'cxqkf "v" ku'vgpf gpe { 0'Vj ku'uwf { "clo u'vq" tckug" cy ctgpguu'vq" v'kpxguqtu'ecp"o cng"o qtg'kphqto gf "cpf" tcvkpcn'f gekukpu0'

Keywords: "J gtf "Ru{ej qmı { . "kpxguqt "Dgj cxkwt. "Hpcpekn'0 ctngw"

"

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III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

PALYATİF BAKIM HASTALARINDA TAMAMLAYICI VE BÜTÜNLEŞİK TERAPİ VE HEMŞİRELİK  
COMPLEMENTARY AND INTEGRATED THERAPY IN PALLIATIVE CARE PATIENTS AND NURSİNG

Ejdane COŞKUN<sup>1</sup>

<sup>3</sup> tOI ¾40F t0'Quo cpkğ'g'Mqt mw'Cxc 'Cpłxgt ukğuk 'Uc nmiDkko rgt k'HcnĀnguk 'J go kt grkn'Quo cpkğ'g' VĀtnkğ'gO'

<sup>3</sup>QTEK 'K' <j wr uAlqt ekf Qti D222/2224/3; ; ; /7893'''

Gamze KÖKBAŞ<sup>2</sup>

<sup>4</sup> t gpek 'Quo cpkğ'g'Mqt mw'Cxc 'Cpłxgt ukğuk 'Uc nmiDkko rgt k'HcnĀnguk 'J go kt grkn'D¾4Āo Ā''' Quo cpkğ'g':VĀtnkğ'gO'

<sup>4</sup>QTEK 'K' <j wr uAlqt ekf Qti D22; /2229/8; ; ; /9923'''

Gizem HOLT<sup>3</sup>

<sup>5</sup> t gpek 'Quo cpkğ'g'Mqt mw'Cxc 'Cpłxgt ukğuk 'Uc nmiDkko rgt k'HcnĀnguk 'J go kt grkn'D¾4Āo Ā''' Quo cpkğ'g':VĀtnkğ'gO'

<sup>5</sup>QTEK 'K' <j wr uAlqt ekf Qti D22; /222: /7454/9792'''

Meltem KILIÇ<sup>4</sup>

<sup>6</sup> t gpek 'Quo cpkğ'g'Mqt mw'Cxc 'Cpłxgt ukğuk 'Uc nmiDkko rgt k'HcnĀnguk 'J go kt grkn'D¾4Āo Ā''' Quo cpkğ'g':VĀtnkğ'gO'

<sup>6</sup>QTEK 'K' <j wr uAlqt ekf Qti D22; /222; /8885/; 38; '''

ÖZET

Y J Qø{c'i ¾4g'Rcn{cvkhdemo .{c co , 'vgj f kv'gf gp'j cucnmpgf gpkğ'ng'{c cp,rep'r tqdrgo rgtkp=c t,p,p'xg' f k gt" r tqdrgo rgtkp." gtngp" vep,nc o c" xg" f g gtrngf kto g" kğ" hı kngn" r uknuqu{cn' xg" ur ktvĀgn' i gtmıpklo rgtkp" nct ,ncp o cupc" f c{cn" ce," ±gno gpkp" ¾pıngpo guk' xg" j chıngvko gukpg" {¾pıgnı wı i wco crct,p" {gt" cıf , , " {c co " ncrıgukpk" i grk vıto gpkp" j gf gıngpf k k' dk" {cnc ,o " qırcenı vcp,o ncpo , vt0p" \*Y J Q."4246-0'Rcn{cvkhdemo f cnk'vgo grı'co c±'j cuc"xg'j cuc" {c mpırcı,p,p'j cucn ,p" f gxc o " gvı k' uĀtg±"dq{ vpec"xg" uqptcnk' uĀtg±g" o g{f cpc" i grıdırgegnı hı kngn' xg" f wı i wcnı uqtwpırcı" c±,upf cp" {ctf ,o e, " qm cmı,t0'Rcn{cvkhdemo ,p" dw' uĀtg±g" cu,nı qf cmıcpf , , " nıpw'j cucnıncp" | kı cf g" ugo r vqo " nıpwıqnĀf Āt" xg" j cucp,p" {c co " nıphıqtwpw" { Āmıgnı gmkı0'Ugo r vqo " nıpwıqnĀ" kıkp" mĀt cvkı' vgf cıxkgtg" gnı qırcenı dcı , " vco co nı { ,e, " xg" dĀvĀpıng knı wı i wco crct" mıncp,m cmcf ,t" \*Grık"4238-0'Dw' wı i wco crct" j cuc. " j cuc" {c mp, " xg" cırcp,pf c" wı o cp" qırcp"uc nı mı r tqıgu{qpgmgıtkıpk" f cı knı qıf w w'pıqp" hıto cmıqııknı wı i wco crctf ,t0'Uqp" { ,ncıf c" mĀt gıgnı dk"uc nı mı j kı o gvı'ug±pgp k'qırcenı vıqı nıo " xg"uc nı mı ±cn cpırcı , " vıch,pf cp" nı dıwı i ¾4o g{g" dc nıo , . " vĀo " f Āp{cf c" xg" VĀtnkğ'g'g" mıncp,o , " {c i ,p'j cırg" i gıo k vı " \*Mıj tkıdct" ( " Ugn±wm"4246-0'V,ddk'vıf cıxkğ'gnı qırcenı uc nı mı j kı o gvıtkıpg'ctırcp" vıncı"uc nı mı r tqıgu{qpgmgıtkıpk" xg" ¾4 grıkmıg" dĀvĀpıng knı uc nı mı dımo ,p, " f gvıgmıg{gp" j go kt grıtkıpk" wı i wco crct,pf c" mıncp,m cu,p, " nı ±,p,m cı | " j cırg" i gvıto k vı0'Dwıpw" uıpwıwpf c" j go kt grıtkıpk" i Āpıgnı rıktıcvĀĀ vıctıo cnı" xg" j cdıgf ct" qm cnıf ,t00 cuı" vıter kıkıpk" gp" ±qmı vıteıj "gf kıgp" {¾pıvgo " qıf w wı ¾4 Āmı gımf k" \* | cıpc."4245-0' Dw' pıgf pırg" vco co nı { ,e, " xg" dĀvĀpıng knı vıter kıtkıpk" mıncp,o , " i kık'gvınkı" qm cı {cp" ±g kırk'f gvıgmıg{ıek' {¾pıvgo rıtk' mıkpıı wı i wco crct,pf c" gnı qırcenı mıncpıo cnıf ,ırcı0'Dw' f gırgıo gf g" dw' nıpw' xg" mıncp,o " cırcırcı , " Ā gıtkıpg" qf cmıcpıo cnıco cırcıpo , vt0'''

Anahtar Kelimeler: 'Rcn{cvkhdemo . 'vco co nı { ,e, 'vıter kıgt. "dĀvĀpıng knı vıter kıgt. " j go kt grıknı

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"  
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ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ABSTRACT

Ceeqtf kpi "v"Y J Q. Rcnkcxg'ectg'kuf ghkpgf 'cu'cp'cr r tqcej 'vj cvkpenw gu'r tcevegu'cko gf "cv'r tngxpvpki " cpf 'cmgxlcxkpi 'lwhtkpi 'dcuf 'qp'b ggkpi 'r j { ukecn' r u'ej quqeknc'cpf 'ur kkwcn'pggf u'cpf 'gctn' f'kci pquku" cpf "gxcnmcxkq"qh'r tqdngo u'gzi r gkpegef "f vg"vq"rktg/vj tgcvgpkpi "f kugcugu "r ckp"cpf "qvj gt"r tqdngo u"cpf " clo u'vq'ko r tqxg'vj g's wcrk'v' "qh'rhg0"Y J Q. 4246-0Vj g'o ckp'r wtr qug'qh'r cnkcxg'ectg'ku'vq'j grr 'r cvkpwu" cpf "vj gk'tgrcxgu'f wtkpi "vj g"qpi qkpi "r tqegu'qh'vj g'f kugcug"cpf "kp"vgo u'qh'r j { ukecn'cpf "go qv'kpcn' r tqdngo u'vj cv'o c { "qeewt 'kp'vj g'hqmjy kpi "r gkqf 0'Vj g'o ckp'hqewu'qh'r cnkcxg'ectg'kp"vj ku'r tqegu'ku" u' o r vqo "eqpvtqn'tcvj gt"vj cp"vj g'f kugcug"cpf "vq"lpetgcu"vj g'r cvkpwu"eqo hqt'v'qh'rhg0'kp"cf f kxqp"vq" ewt'cxg'v'gco gpw "uqo g'eqo r ngo gpvt { "cpf "kpwgi tcvf "r tcevegu'ctg'wugf "hqt'u' o r vqo "eqpvtqn'Grdk" 4238-0Vj gug'r tcevegu'ctg'pqp/r j cto ceqni kcn'r tcevegu'lxqxkpi "vj g'r cvkpw. "vj g'r cvkpw'u'tgrcxg'cpf " j gcmj "r tqhgukpcn'y j q'ctg"gzr gtu'kp"vj gk'hgrf 0'kp"tgegpv' { gctu. "k'j cu'dgi wp"vq'dg'ceegr vgf "d { "vj g" uqekv' "cpf "j gcmj "y qtmgtu'cu'c'i mdcn'j gcmj "ugt'xleg'qr v'kq"cpf "ku'wug'j cu'dgego g'y kf gur t'gcf "cm'qxgt" vj g'y qtrf "cpf "kp"Vwng { "Mgj tkdct" ( "UGNwm"4246-0'kp"cf f kxqp"vq"o gf kcn'v'gco gpv."vj g'kpetgcu"pi " f go cpf "hqt"j gcmj "ugt'xlegu'j cu'o cf g'k'lp'kxkcdng'hqt"j gcmj "r tqhgukpcn'cpf "gur gekcm' "pwtugu'y j q" uwr r qtvj qrkuk'j gcmj 'ectg'v'wug'k'kp'vj gk'r tcevegu'0Cu'c'tguwn. 'pwtugulj qwrf 'uecp'vj g'ewt'gpv'kgtcwtg" cpf "dg'kphqto gf 00 cuuci g'vj gtr { "ku'uggp"vq'dg'vj g'o quv'r tghgtg' "o gvj qf "\*" | ecp."4245-0'Vj gthgtg." vj g { "uj qwrf " cf f kxqpcn' " wug'xctkquw" uwr r qv'xg"o gvj qf "v' v' ctg" kpg'hg'cxg. "uwej " cu' vj g" wug" qh" eqo r ngo gpvt { "cpf "kpwgi tcvf "vj gtr kgu "kp"vj gk'erk'kcn'r tcevegu'0'Vj ku'tgxkgy "clo u'vq'hqewu'qp"vj ku" vqr k'cpf "ku'ctgeu'qh'wug0

**Keywords:** 'Rcnkcxg'ectg.'eqo r ngo gpvt { 'vj gtr kgu 'kpwgi tcvf 'vj gtr kgu 'pwtukpi "

#### REFERENCES

- 60 Y qtrf " J gcmj " Qti cpk'cxkq." \*Y J Q+." j wr u'ly y y 0y j q'kpv'pgy u'tqgo l'ce'v' u'j ggulf gvcknr cnkcxg/ectg""G0V0'260304246"
- 70 Grdk"J 0\*4238-0Rcn'cvkh'Demo 'xg'Vco co r { ,e, 'Vgf cxkngt0Mkpkni'V,r 'Ckng'J gnko rk k': \*5+.'53/ 550'
- 80 MGI T DCT. 'I 0' ( "UGNWM"0 0\*4246-0Rcn'cvkh'Demo 'I 3/4gp'Mcpugt'J cuvret, pf c'0 A' k kp" C t, 'xg' Cpuk' { gv'g'©| gt'kpg'Gwuk'k'1 grpgmgn'F gtrgo g0Lqwtpcn'qh'Vtcf kxqpcn'0 gf kcn'Ego r ngo gpvt { " Vj gtr kgu.'9\*3+0"
- 90 " | ecp."P 0\*4245-0'Rcn'cvkh'Demo "J cuvret, pf c"Ruknuqu' { cn'Ugo r vqo rct, p" [ 3/4p'gko k0'Uc nmi' Rtqhu' { qpgmgtk'K'c' v'to c'F gti kuk'7\*4+. '35: /3670

# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## SAĞLIK HİZMETLERİNDE SÜRDÜRÜLEBİLİRLİK: KRONİK HASTALIKLAR ÜZERİNDEKİ ETKİLERİ SUSTAINABILITY IN HEALTHCARE: EFFECTS ON CHRONIC DISEASE

Derya TULÜCE<sup>1</sup>

<sup>3</sup>F q±0F t0'Quo cplk'g'Mqtmw'Cvc'©pkxgtukguk'Uc nni'Drko rgt'k'HCn'Anguk'J go kt grkn'D/4Ao Å " Quo cplk'g.'VÅtnk'g"

<sup>3</sup>QTEK 'KF <j wr u-1qt ekf Qti I222/2224/3562/235Z"

### ÖZET

Co c±<'Uc nni'j k' o gvtk'p'f'g'uÅtf Å'Ångdkrtkrm="gmppqo kni'xgto rkrkm"uqu{cn'ncv,no "xg"±gxtg"nqtwo c' qm cni'Å gtg'Å'vgo grlcm'4'kg'kk nkrgpf ktko gmgf k0M'qpkni'j cuvcn,mct'kug'w'wp'uÅ'grk'v'f'cxk'xg'dcmo " i gtmkt'gp" j cuvcn,mct'f,t0' Dw' f gtrgo gpkp" co ce,=" uc nni' j k' o gvtk'p'f'g' uÅtf Å'Ångdkrtk' k'p" ntqpkni' j cuvcn,mct,p'{"3/4p'vgo k'Å' gtlpg'g'v'k'gt'k'p'k'p'ukugo cvkni'q'rtcm'l'p'egrgpo guk' k0"

[ 3/4p'vgo < F gtrgo g" o qf gtlp'f'g" r n'p'p'p'p' dw' ±cn o cf c="RvdO gf." Ueqr wu" I qqi ng" Cnef go kni' xgk' v'cdp'rt,p'f'c'buw'ck'p'cdk'k'k'v'ö'c'p'f'ö'j gcnj ectgö'c'p'f'ö'ej tqple'f'kugcugö'c'p'c'j v'ct'ng'ko grgt'k'x'g'VÅ'm'0 gf r'k'p'g' xg"VT" F'k' k'p" xgk'v'cdp'rt,p'f'c'ö'uÅtf Å'Ångdkrtk'k'ö."öc nni'j k' o gvtk'ö" xg"ö'ntqpkni'j cuvcn'ö" c'p'c'j v'ct' ng'ko grgt'k'm'w'p'p'rtcm'l'ctco c'{"cr,rtcm'4242/4246'ctcu,p'f'c'{"c'p'p'p'o , "ctc v'to c'rt, "l'p'egrg'p'f'k0"

Dwi w'rt'< [ cr,ncp' l'p'egrgo g" uqpw'w'p'f'c" k'p'i k'k' eg" c'p'c'j v'ct' ng'ko grgt' k'g" v'ct'p'p'p' xgk' v'cdp'rt,p'f'c' ±cn o c'rt'c" w'c ,nf,0' Dw' ±cn o c'rt,p" ±q w'p'w' w' f gtrgo g" o c'ne'ng" 3/4 grk' k'p'f'g'f'k0' Ctc v'to c' o c'ne'ng'rt'k'p'k' {"c n'rt,." f'k'cdg'k" n'p'ug't" xg" i cu'k'q'p'v'g'u'k'p'cn' t'c'j cu,v,| n'm'ct, " q'nc'p" j cuvcn'ct, " n'er ucf , , " d'g'rt'k'p'f'k0Dw'±cn o c'rt,p.'uÅtf Å'Ångdkrt'k'uc nni'j k' o gvtk'p'k'p'ht'q'p'k'ni'j cuvcn , "q'nc'p" j cuvcn'ct,p'ö' g'v'cd'q'k'ni' uqpw'w'rt,."w'p,nc' c'{"3/4p'vgo r'gt'k'j cuvcn'ct,p'h'k' k'ng'ni'c'm'k'x'g'rt'k'Å' gtlpg'g'v'k'gt'k'k'uc' v'p'f',0"

Uqpw'w'rt'<M'q'p'k'ni'j cuvcn,mct'f'c'uÅtf Å'Ångdkrt'k'uc nni'j k' o g'k'ö' qf' grk'j cuvcn'ct,p'dcmo 'n'c'k'x'g'rt'k'p'k'q'w'o n'w' q'rtcm'ng'v'k'ng'o gmgf k0C'{"p,| co c'p'f'c."dcmo "o c'rk' g'v'k'p'k'c'c'cnw , ."j cuvcn'ct,p'ö' g'v'cd'q'k'ni' uqpw'w'rt, "Å' gtlpg'g' v'k'ni'k'q'f' w' w'j cu'c'k'g'uc nni'r' t'q'hu'q'p'p'ng'rt'k'p'k'k'g'v'k' lo k'p'k'ct'w'f' , , "o g'x'ew'n'c'{"p'c'nc'ct,p'n'w'w'p'p'o ,p'c' n'ev'm" uc n'cf , , "d'g'rt'k'v'k'o gmgf k0'Dw' uqpw'w'rt" f'q' t'w'w'w'w'p'f'c="uÅtf Å'Ångdkrt'k'uc nni'j k' o g'k'x'g'ht'cm," ntqpkni'j cuvcn'ct'k'g'f'q' t'w'f'c'p'dcmo "o c'rk' g'v'k'Å' gtlpg'g'v'k'ni'k'p'k'f'g' g'rt'p'f'k'g'p'±cn o c'rt,p'{"cr,m'cu,." j cuvcn'ct,p" o q'v'k'x'g' q'm' c'rt, "k'g" k'i k'k' i g'k' d'k'f' k'k'o r'gt'k'p' c'n'p'o cu,." j cu'c" o go p'w'p'k'g'v' ±cn o c'rt,p,p" r n'p'p'p'o cu,"x'g'n'p'p,c'f'c'c'cn'ctc v'to c'rt,p'{"cr,m'cu,3/4p'g'k'v'o gmgf k0'

**Anahtar Kelimeler:** UÅtf Å'Ångdkrtk'k'uc nni'j k' o g'k'uc nni'dcmo ,."ntqpkni'j cuvcn'ni'

### ABSTRACT

Clo <'Vj g'eqpegr v'qh'u'w'w'ck'p'cdk'k'k'v' "k'p"j gcnj "ugt'x'legu"ku'eqp'v'k'p'i gpv'w'q'p"v'j tgg'h'w'p'f'co gp'v'cn'h'cev'qtu'< ge'p'q'p'ke'g'h'k'p'p'c'{"u'q'ek'n'r'ct'v'ek'c'v'k'p'c'p'f'g'p'x'k'q'p'o gp'v'cn'r' t'q'v'g'v'k'p'0C'ej tqple'f'kugcug'ku'f'g'h'k'p'f'cu' c"eq'p'f'k'k'q'p"v'j cv't'g's'v'k'g'u'n'p'p'i /v'g'to "t'g'c'v'o gp'v'c'p'f'ect'g'0'Vj g"q'd'g'v'k'x'g'q'h'v'j ku't'g'x'k'g' "ku'v'q'eq'p'f'w'v'c" eqo r't'g'j g'p'v'k'x'g'c'p'f' "u'v'g'o c'v'k'e"gz'co k'p'c'v'k'p'q'h'v'j g'ko r'cev'q'h'u'w'w'ck'p'cdk'k'k'v' "k'p"j gcnj "ugt'x'legu"q'p"v'j g" o c'p'c'i go gp'v'q'h'ej tqple'f'kugcug'0'

O g'v'j q'f'q'm'i {"<'k'p"v'j ku'w'w'f'{"v'j g'RvdO gf."Ueqr wu" c'p'f'I qqi ng"U'ej q'rt'f'c'v'cd'c'ug'u'y g'g'ug'ct'ej g'f'w'uk'p'i " v'j g'ng'{"y q't'f'u'S'u'w'w'ck'p'cdk'k'k'v'{"\$. "\$j gcnj ectg,\$"c'p'f"\$ej tqple'f'kugcug'0'Vj g'VÅ'm'0 gf r'k'p'g'c'p'f'VT"K'p'f'gz" f'c'v'cd'c'ug'u'y g'g'c'nu'ug'ct'ej g'f'w'uk'p'i "v'j g'uc'o g'ng'{"y q't'f'u'0'Vj g'w'w'f'k'g'u'r'w'd'rt'k'uj g'f'd'g'w'g'g'p"4242" c'p'f'4246" y g'g'v'j g'p'gz'co k'p'f'0'

T'g'u'w'w'<'Vj g't'g'x'k'g' {"k'g'f'g'f' "u'w'f'k'g'u'ht'q'o "v'j g'ue'p'p'g'f'f'c'v'cd'c'ug'u'v'j cv'w'ug'f"G'p'i r'k'uj "ng'{"y q't'f'u'0'Vj g" o c'l'q't'k'v'{"q'h'v'j g'w'w'f'k'g'u'f'g'p'v'k'k'g'f' "y g'g't'g'x'k'g' "c't'v'k'g'u'0'Vj g't'g'ug'ct'ej "c't'v'k'g'u'eq'x'g't'g'f'c'p'w'o d'g't'q'h'ur'g'el'k'k'e"



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r cvkpv'i tqwu "kpenf kpi "vj g"grf gtnf. "kpf kxf wcn" y kj "f kcdgvgu" vj qug" y kj "ecpegt" cpf "vj qug" y kj " i cutqkpvugvkpcn'f kqtf gtu' Vj g" ko r cev' qh' vj gug" uwf lgu" qp" vj g" o gvdqrk "qweqo gu" qh' r cvkpvu" y kj " ej tqple" f kugcugu" f kci pquke" o gyj qf u' cpf "r j { ulecn'cev kxk\ "rgxgn' qh' r cvkpvu' y cu' gucdrikuj gf 0'

Eqpenwukqp<Vj g" uwvckpcdrng" j gcnj "ugtxleg" o qf gn'kp" ej tqple" f kugcugu" j cu' c" dgpghlekri' ko r cev' qp" vj g" s wrk\ "qh' ectg" r tqxkf gf "vq" r cvkpvu' Hwt vj gto qtg. "k'ku' cuugtvgf "vj cv' vj ku' er r tqcej "tgf wegu" vj g" equv' qh' ectg. "chgevu" vj g" o gvdqrk "tguwmu" qh' r cvkpvu. "kpetgcugu" eqo o wplecvkqp" dgvy ggp" r cvkpvu" cpf "j gcnj " r tqhguukqpcnu. "cpf " eqpvtkdwgu" vq" vj g" wug" qh' gzkunkpi " tguqvtegu' k\ " rki j v' qh' vj gug" h\ pf kpi u. " k' ku' tgeqo o gpf gf "vj cv' uwf lgu" dg" eqpf wevgf "vq" gxcnvcg" vj g" ko r cev' qh' uwvckpcdrng" j gcnj "ugtxlegu" cpf " f khtgtpv' ej tqple" f kugcugu" qp' f kgeve' ctg' equu. "vq" tgegkxg' hggf dcn' qp" r cvkpv' o qvxcv' kqp. "vq" r rcp' r cvkpv' uc' kuh' cvkqp" uwf lgu. "cpf "vq" eqpf wev' g' xkf gpeg/ dcugf "t' guctej 0'

**Keywords:** "Uwvckpcdkk\ ." j gcnj ectg. "j gcnj 'ectg. "ej tqple" f kugcug"

İSLAMİ FİNANSIN EKONOMİK KALKINMA VE SOSYAL BARIŞA ETKİSİ  
THE IMPACT OF ISLAMIC FINANCE ON ECONOMIC DEVELOPMENT AND SOCIAL PEACE

Dr. Tuğba KONUK

Doç. Dr. / Uzm. Dr. / Doç. Dr. / Öğretim Üyesi, "Qtef" 2222/2224/95: 3/6353"

ÖZET

Makalede, İslami finansın ekonomik kalkınma ve sosyal barışa etkisi araştırılmaktadır. İslami finansın, geleneksel finans sistemlerinden farklı olarak, faizsiz ve şeriat prensiplerine dayandığı belirtilmektedir. Bu sistemin, özellikle gelişmekte olan ülkelere sunduğu avantajlar ve sosyal barışa olan etkisi vurgulanmaktadır. Araştırma, İslami finansın ekonomik büyüme ve istihdam üzerindeki olumlu etkilerini göstermektedir. Ayrıca, sosyal adalet ve barışın sağlanmasında İslami finansın önemli bir rol oynadığı ifade edilmiştir.

İslami finansın ekonomik kalkınma ve sosyal barışa etkisi, geleneksel finans sistemlerinden farklı olarak, faizsiz ve şeriat prensiplerine dayandığı belirtilmektedir. Bu sistemin, özellikle gelişmekte olan ülkelere sunduğu avantajlar ve sosyal barışa olan etkisi vurgulanmaktadır. Araştırma, İslami finansın ekonomik büyüme ve istihdam üzerindeki olumlu etkilerini göstermektedir. Ayrıca, sosyal adalet ve barışın sağlanmasında İslami finansın önemli bir rol oynadığı ifade edilmiştir.

Daha önce, İslami finansın ekonomik kalkınma ve sosyal barışa etkisi araştırılmaktadır. İslami finansın, geleneksel finans sistemlerinden farklı olarak, faizsiz ve şeriat prensiplerine dayandığı belirtilmektedir. Bu sistemin, özellikle gelişmekte olan ülkelere sunduğu avantajlar ve sosyal barışa olan etkisi vurgulanmaktadır.

**Anahtar Kelimeler:** İslami Finans, Ekonomik Kalkınma, Sosyal Barış, İslami Finansın Etkisi

ABSTRACT

The article examines the impact of Islamic finance on economic development and social peace. It highlights that Islamic finance, unlike conventional systems, is based on interest-free and Sharia principles. This system offers significant advantages and contributes to social peace, particularly in developing countries. The study shows that Islamic finance has a positive effect on economic growth and employment. Additionally, it is noted that Islamic finance plays a crucial role in ensuring social justice and peace.

Islamic finance's impact on economic development and social peace is distinct from traditional systems, being based on interest-free and Sharia principles. This system offers significant advantages and contributes to social peace, particularly in developing countries. The study shows that Islamic finance has a positive effect on economic growth and employment. Additionally, it is noted that Islamic finance plays a crucial role in ensuring social justice and peace.

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

utguugu"vj g"ko r qtvpeg"qh"rtgugtxkpi "pcwtg"cpf "gpwtkpi "vj cv'uqekgv"i tqy u"kp"cdrcpegf "y c{"vq" gucdrikuj "gs wkcdrg'uqeknr gceg0

I kxgp"vj ku'bo kpf ug v."Kırcı le "Hırcpeg"ftgevn"ko r cew'dqv "geqpqo le "f gxgnr o gpv'cpf "uqeknr gceg0Vj g" cko "qh'vj ku'uwf {"ku'v'vj gqvgkcm{"gzr rck'vj g'ghgew'qh"Kırcı le "Hırcpeg"qp"geqpqo le "f gxgnr o gpv'cpf " uqeknr gceg0K'ku'dgkxgf "vj cv'vj gtg'ctg'kpwt"le kpv'uwf kgu'kp"vj g'kgtcwtg"qp"vj ku'qr le."cpf "vj gtghgtg." vj ku'uwf {"cko u'v"eqvtdwg"v'vj g'gzkukpi "dqf {"qh'npqy rgi g0

**Keywords:** "Kırcı le "Hırcpeg."Geqpqo le "F gxgnr o gpv."UqeknrGceg"

GÖÇMEN GİRİŞİMCİLİĞİNDE FIRSATLAR VE ZORLUKLAR OPPORTUNITIES AND CHALLENGES IN IMMIGRANT ENTREPRENEURSHIP

Dr. Tuğba KONUK

Doç. Dr., ODTÜ İktisadi İdari Bilimler Fakültesi, İktisat Bölümü, Ankara, Türkiye

ÖZET

I. Giriş: Bu çalışmada, göçmen girişimcilerin işletmelerini kurma ve sürdürme süreçlerindeki zorlukları ve fırsatları incelemek amaçlanmıştır. Çalışma, göçmen girişimcilerin yaşadıkları zorlukları ve fırsatları tanımlamak ve bunları açıklamak için yapılmıştır.

Yöntem: Araştırma, niteliksel bir çalışmadır. Veriler, göçmen girişimcilerle yapılan derinlemesine görüşmeler ve odak grupları aracılığıyla toplanmıştır. Veriler, tematik analiz yöntemiyle analiz edilmiştir.

Bulgular: Göçmen girişimcilerin işletmelerini kurma ve sürdürme süreçlerindeki zorlukları, yasal ve idari bariyerler, finansman bulma zorlukları, dil ve kültür farkları, sosyal destek eksikliği ve ailevi zorluklar olarak tanımlanmıştır. Fırsatlar, göçmen girişimcilerin farklı kültürleri ve deneyimleri birleştirerek rekabet avantajı elde etmeleridir.

**Anahtar Kelimeler:** Göçmen girişimcilik, zorluklar, fırsatlar, işletme kurma, sürdürme.

ABSTRACT

Introduction: This study aims to examine the challenges and opportunities in the process of immigrant entrepreneurship. The study identifies the challenges and opportunities faced by immigrant entrepreneurs and explains them.

Method: This is a qualitative research. Data was collected through in-depth interviews and focus groups with immigrant entrepreneurs. The data was analyzed using thematic analysis.

Findings: The challenges faced by immigrant entrepreneurs in the process of starting and maintaining their businesses are identified as legal and administrative barriers, difficulties in finding financing, language and cultural differences, lack of social support, and family difficulties. Opportunities are identified as the ability of immigrant entrepreneurs to combine different cultures and experiences to gain a competitive advantage.

**Keywords:** Immigrant entrepreneurship, challenges, opportunities, business creation, maintenance.

VİRAL BİR LEZZET DUBAİ ÇİKOLATASI  
A VIRAL TASTE DUBAI CHOCOLATE

Alper ATEŞ<sup>1</sup>

<sup>3</sup>F q±OF t0'Ugn±wml©pkxgt ukvguk 'Vwt k/ o 'Hcnñnguk 'Vwt k/ o 'Tgj dgtrk k 'Mqp{c. 'Vñtnk' g0'

<sup>3</sup>QTEK 'K' <j wru<llqte k/ Qti D222/2224/6569/9528"

Halil SUNAR<sup>2</sup>"

<sup>4</sup>... t0I ¾40'I kt gump'©pkxgt ukvguk 'Vkt gdqmw'0 gj o gv'Dc {t cml0 [ Q. 'Ug {cj cv/Vwt k/ o 'xg'G rnpge"

J k/ o gvgt k'D/ñAo Æ 'I kt gump. 'Vñtnk' g0'

<sup>4</sup>QTEK 'K' <j wru<llqte k/ Qti D222/2224/7353/6278"

ÖZET

F wdck' ¥ knqrvcu," uqu{cn' o gf {cf c" ¾pgo rk' dk" rqr Ægrtkñ' ne| cpo , ." uwpf w w' cv' xg" f qnw' nqo dkpcu{qpw{rc'kpcprct,'gnkuk'cn,pc'cm , vt0Dw'Ä'Äp'uqu{cn'o gf {cp,p'i ÆÄ'kpcprct,p' k/ plpf g'kg" ucf geg'dk'±knqrvc'qrctcnlf g kn'c{p,| co cpf c'nñu'xg'j c| | ,p'j km-{gukpk'cprvcp'grk'dk'rg| | gv'ugphqpk' qrctcn' j ,| n" dk" gnkf g" nupwo rpf ,t,m , vt0' MÄpghg." vj kp" xg" Cpvr " huw , p,p" gphgu" rg| | gvgtk' rg" ±knqrvc,p'dk'rg ko k'uqpwew' gpi kprg gtgm'qtvc {c'±,nep'dw' {gpk'i wto g'rg| | gv'F wdck'ek'ecpn" {go gni' mñÄ'Äp'Äp'gp'¾pgo rk'xg'dk'pkrk k'gp' {Ängni'ugo dqnÄ'j cnkg'i gm k vt0Qtiklpcni'F wdck'¥ knqrvcu, 'ññu' ±knqrvc' Ä'Äp'grtk' nupwupf c" w/ o cprc o , " Äuv' f Ä g| " dwkn' dk' ±knqrvc" f Ämm-p, " qrcp" Hz " F gugtv' Ej qeqrvcgt'ctch,pf cp' {ctcv,m , 'xg'u,p,tn'uc { ,f c'Ägvko g' g'f gxco "gvo gmgf k0Dw'Ä'Äp'Äo '¾4 grknmgt'k' kg'hkgtcvÄ'f g'öxkcn' {k' gegni'qrctcnlf rpf ,t,mp'hextco ,p'ner uco ,pc'i kto gmgf k0Dw'±cn' o c'xkcn'dk' {k' gegni'qr'F wdck'¥ knqrvcu,p,¾4 mñÄ'Äp'Ä'xg'xkcmg o g'uÄ'gekpk'±,mco c { , 'co c±rc c mcf ,t0Dw'co c±' ner uco ,pf c'Ä'Äp'j cmm'pf cnk' {c| ,n. 'i ¾4ugnxg'k kuerno gf {c'hc {pcmct,ctc vt,m , vt0F wdck'¥ knqrvcu,p,p" xkcmg o gulpg'pgf gp'qrcp'hcm¾4rgt'dgnr'rgpo k 'xg'gp'±qni'tc dgvi ¾4gp'vctknrt'f gtrpgt'gm'dwprctf cp'vgn' dk'vctkh'qnw wtwd w wt0Ctc vto cf c'F wdck'¥ knqrvcu,p,p'xkcn'dk' {k' gegni'qm cu,p,'dgp| gtuk' vcf ,pc." i ¾4ugn'±gnkkk kpg. "kphwpegt"qf cmm'vcp,v,o c'xg'uqu{cn'o gf {cp,p'i Ä'Äp'g'dqt±w'qrf w w'uqpw±rct,pc" wt ,m , vt0

**Anahtar Kelimeler:** "Xkcn' {k' gegni'Xkcmg o g. 'F wdck'¥ knqrvcu, 'Hz' F gugtv'Ej qeqrvcgt0'

ABSTRACT

F wdck' Ej qeqrvcg' j cu' i ckpgf " uki pkh'ecpv' r qr wrctk' { " qp" uqekcn' o gf kc." ecr vxcv'pi " r gqr rg" y kj " ku" eqo dkpcv'qp'qh'vcug'cpf 'vgzwtg0Uqekcn'o gf kc's wlenm' {r qukk'qpgf 'vj ku'r tqf wev'cu'c'ej qeqrvcg'dct'cpf 'cp' grkg'u' o r j qp { "qh'hcxqtu" vgnkpi "c" uqt { "qh'nzw'w { "cpf "r rncuw'g0'Eqo dk'p'pi "ej qeqrvcg'y kj "mÄpghg." vj kp'cpf "r kucej k' hcxqtu" vj ku'p'gy "i qwto gv'f grkece { "j cu'dgeqo g'F wdck'u'xkdtcpv'hqf "eww'wg'u'o quv' gugpvcni'cpf "j ki j n' {tgeqi pk' gf "u' o dqr0'Hz "F gugtv'Ej qeqrvcgt." c" j ki j /gp'f "dqwks wg" ej qeqrvcg'uj qr " ur gekrk' kpi "kp'nzw'w { "ej qeqrvcg'r tqf wev." j cu'etgevgf "cpf "eqpv'p'w'v'q" r tqf weg" Vj g" Qtki kpcni'F wdck' Ej qeqrvcg'kp' hko kgf "gf kkp'u0Y kj "cmku'ej ctcevt'kmeu. 'vj ku'r tqf wev'hcm'y kj kp'vj g' \$xkcn'hqf \$'ueqr g" kp'vj g'hkgtcv'g0Vj ku'uwf { "clo u'v'g'zr mlp'vj g'uqt { "cpf 'vj g'xkcn'k' cvkp'r tqegu'qh'F wdck'Ej qeqrvcg." c" xkcn'hqf 0k'pxguki cv'pi 'y tkwgp. 'xkuwn'cpf 'cw' k' b' gf kc' uqwt'gu'cdqw'vj g'r tqf wev' cu' ctv'qh'vj ku'i qcn0' Y g'kf gp'vh'gf 'vj g'hcxqtu'vj cv'rgf "v'F wdck'Ej qeqrvcg'u'xkcn'k' cvkp." eqo r krgf 'vj g'o quv' qr wrct' tgekr gu" cpf "etgcvgf "c' l'pi rg' tgekr g0Vj g'uwf { "eqpenf gf 'vj cv'F wdck'Ej qeqrvcg'qy gu'ku'xkcn'ucv'w'u'v'ku'v'pls wg" vcug. 'xkuwn'rcr r gcn'kphwpegt/f tkxgp'r tqo qv'kp. 'cpf 'vj g'r qy gt'qh'uqekcn'o gf kc0"

**Keywords:** "Xkcn'hqf . "Xkcn'k' cvkp." F wdck'Ej qeqrvcg. 'Hz' F gugtv'Ej qeqrvcgt0'

GECE EKONOMİSİNİN TURİZME YANSIMASI: GECE TURİZMİ  
THE REFLECTION OF THE NIGHT ECONOMY ON TOURISM: NIGHT TOURISM

Alper ATEŞ<sup>1</sup>

<sup>3</sup>F q±0F t0'Ugn±wnt'Çpkxgt ukxguk 'Vwt k' o 'Hcnñnguk 'Vwt k' o 'Tgj dgtrk k 'Mqp{c. 'Vñnk' gO'

<sup>3</sup>QTEK 'KF <j wr u<llqte k' Qti D222/2224/6569/9528"

Halil SUNAR<sup>2</sup>"

<sup>4</sup>"... tOI ¾40'I kt gump'Çpkxgt ukxguk 'Vkt gdqrw'O gj o gv'Dc{t cmO[ Q. 'Ug{cj cv/Vwt k' o 'xg'G rñpeg"  
J k' o gvgt k'D'ñAo Å 'I kt gump. 'Vñnk' gO'

<sup>4</sup>QTEK 'KF <j wr u<llqte k' Qti D222/2224/7353/6278"

ÖZET

Öl geg" gñupqo kukö" gp" i gpgñ" j crik' ng" cm co " xg" i geg" ucvgtkpf g" hcck' gv" i ¾4mgt gp" k ngvo grngtkp" xg{c" nk kgtkp" gñupqo kni'hcck' gvgtkp'xg" j k' o gvgtkp'k'hc'f g" gf gtOMgpwgn'cncpct" xg" wtk' o " f gukpccu{ qprct, " i geg" hcck' gvgtkp' i grk" {ctco c. "uqu{ cñ'gvnkrg ko k'vg xknlgvo g'xg" {gtgnj' cm'xg' wtkmgt' k'ep" dgpl' gtu k' " f gpg{ko rgt'wpo c'r' qvcupk' grkp'hcni'gwkn±g'dw'ncxco "uqp" co cprctf c'ki ki ¾4o g{g'dc nco , v,tOI geg" gñupqo kukukj f co , 'ctv,cdckk' xg" {gtgnk ngvo grgt' k'ep'¾4pgo rki grk'uc nco {cdckkOC {p,| co cpf c'dgp' gtu k' " mñññ' gnj' gpi kprkngtki 'Ap', , ,pc±,net,t. " {gtgnj' cm' xg' wtkmgt' k'±gnp' dk" cvo quhg" {ctcv,t. j cteco cncrct, " ctv,t,t" xg" nupcnc co c. " g rñpeg" xg" ki k'k' ugm¾4ngtf g" kukj f co " {ctcv,ncu,p, " f guvgmgtO' Cpecni' i geg" gñupqo kuk " i ãñññ' ãñññ' {¾4pgo gm'nco w'i Åxpik k'p'uc nco cm'xg' nupw'kj v'k' c±rct, " kn' ñect' k'hcck' gvgtk' f gpi grgo gnñ' kdk' qtnwncrct, " f c'dgtcdgtkpf g' i g'ktkOI geg' wtk' o k'hcck' gvgtk' k'ep" gj k'ngt. "ecpn' dk" i geg" j c{cv,p,p'ec' lkgupk'uñññ' ãñññ' k'ng' g'vq' rno " ±,netnet, {nc' f gpi grgo grk' k'0Dw±cn o c. f 'ñññ' {c±cr, pf c' hcctm' f gukpccu{ qprctf cnc' ki geg' wtk' o k'w' i wnc co cncrct, p, hcct ,nc vto cñ' qrcncnk' p'eggo g{ k'co c±nc co cncf , tO' Dw'k'peggo g' i geg' wtk' o k'p' c'xcpcvl' xg' f gl cxcpcvlrct, p, "dgtrkng{ gegmktO'

Anahtar Kelimeler: I geg' Gñupqo kuk' I geg' Vwt k' o k' Vwt k' o 'F gpg{ ko k'Ö

ABSTRACT

Vj g"\$pki j v'geqppo { \$'tghgtu'vq"geqppo ke "cevxxkkgu"cpf "ugt xlegu"vj cv'qr gtcv"r tko ctkñ' f wtkpi "gxgpkpi " cpf "pki j wko g"j qwtu'Vj ku'equegr v'j cu'i ckpgf "tcevxp"tgegpvñ' "cu'wtdcp"ctgeu'cpf "vqwtuo "f gukpccu{ qprct" tgeqi pk' g'vj g'r qvgpvcni'qh'pki j wko g'cevxxkkgu'vq" i gpgtcv'tgxgpw. "r tqo qvg' uqekncil'pvtcevxp. "cpf "qhg" wpswg" g'zr g'kgpegu" hqt "ñecni"cpf "vqwtuo"Vj g"pki j v'geqppo { "ecp"dquu'go r m{ o gpv'cpf "i gpgtcv" uki p'k'ecpv'tgxgpw" hqt "ñecni'dwukpuguuO'K'qhg"dtkpi u'wpswg'ewwnc'ñ'g'zr tgukpccu'vq' rki j v'etgevpi "cp" cvo qur j gtg"vj cv'cwtcev'ñecni'cpf "vqwtuo" f tlxgu"ur gpf kpi . "cpf "uwr r qtw' lqd"etgevxp"kp" j qur k'cck' . " gpvg'vckpo gpv. "cpf "tgrcvf" ugevtuO' J qy gxgt. "vj g"pki j v'geqppo { "cnuq" dtkpi u' ej cngpi gu" uwej "cu" o cpci kpi "pqkug. "gpwtkpi "r wdri"uchgv. "cpf "dcrcpekpi "tguf gpvcni'pggf u'y kj "dwukpccu'qr gtcvxp"u' Hqt" pki j v'vqwtuo "cevxxkkgu"eklgu"o wu' dcrcpeg"vj g'cr r gcn'qh'c" xkdtcpv'pki j v'k'hg"y kj "uwuc'k'pedk'k'v" cpf " eqo o wpsv" "k'pvtgmuO' Vj ku"uwf { "clo u'vq"gzco kpg"pki j v'vqwtuo "r tcevlegu"kp" f k'hg'gpv' f gukpccu{ qprct" y qtrf y kf g'eqo r ctevxxgn' O'Vj ku'gzco k'p'cvxp"y kni' f gvgt o kpg'vj g'cf cxcpcvi gu'cpf "f k'cf cxcpcvi gu'qh'pki j v' vqwtuo 0"

Keywords: P ki j v'Geqppo { . 'P ki j v'Vqwtuo . "Vqwtuo "Gzr g'kgpegO'

**III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH  
CONFERENCE**

**LAW ENFORCEMENT AGAINST VIOLATION OF RESIDENCE PERMIT (OVERSTAY)  
BY FOREIGN CITIZENS IN INDONESIA**

(Case Study of Decision Number 1972 / PIDSUS / 2017 / PN.JKT.BRT)

*Inoto saro , Cyfrianus Yustus Mambay , Aris Rismawan , Krisna Wahyu Nugroho , Amos Junianto,  
Saiful Arifin*

*Ej tkmkcp'Wpkxgt ukf 'qh'Kpf qpguk.'Ocwgt'qh'Ncy 'Uwf { 'Rtqi tco.'Lcnc'vc.'Kpf qpguk'0'*

**ABSTRACT**

Vj g" gpt { " qh" hqtgki p" pcvkqpcni" kpvq" Kpf qpguk" ku" vpcxqkf cdng." cu" Kpf qpguk" ku" r ctv" qh" vj g" i mqden" eqo o vpkv' c'pf 'ecppqv'ldg'ugr ctvcgf 'htqo 'vj g'qpi qkpi 'i mqdenk' cvkq'0w'pf qvdv'gf n'. 'vj g'kpetgculpi 'pwo dgt" qh' Xkukqtu" g'vgtkpi " Kpf qpgukcp" vgtkqat { " cnuq" kpetgcugu" vj g" rquukdkkv { " qh" pgy " r tqdrgo u" ctkulpi .r ctv'wrcntf { 'ko o ki tcvkq'xkqr'v'kpu' kpenw' kpi 'qxgtuvc { kpi 'tgukf gpeg'r gto ku'c'pf 'o kwug'qh'xkuc" c'pf 'tgukf gpeg'r gto ku'0'q'p'vj g'q'v'j g't'j c'pf . 'hqtgki p'pcv'kqpcni'y j q'ctg'uw'ld'gev'v'q'ko o ki tcvkq'cev'kpu'qh'g'p" hgg'v'v' cv'vj g'rcy "gphqtego gpv'cev'kpu'ci c'kpu'v'j go "ctg'w'p'ck'qt'f'g'v'ko gp'v'0'vj g'r tqdrgo "h'qto w'rc'v'kpu" k'p'vj ku'vj guku'ctg'z'y j cv'ku'vj g'u'f'ug'o "qh'rcy "gphqtego gpv'ci c'kpu'xkqr'v'kpu'qh't'gukf gpeg'r gto ku'qxgtuvc { + " d { "hqtgki p'ek'k' g'pu'k'p'Kpf qpguk'c'p'f "j qy "ku'vj g'rcy "c'r r'ng'f "c'p'f "ko r r'go gp'v'f "t'gi c't'f kpi "xkqr'v'kpu'qh" t'gukf gpeg'r gto ku'k'f' g'ekuk'p'pwo dgt"3; 94"Tr k'f' u'u'4239"Tr p'0m'0'lt'v'v'j ku't'gug'cte'j "ku'c'p'qto cv'x'g'ngi c'n' t'gug'cte'j "y k'j "c"ecug'c'r r'tq'cej 0'vj g'f'c'v'w'ug'f "ku'uge'q'p'f'c't { "f'c'v'k'p'vj g'hqto "qh'r' t'ko c't { "ngi c'n'o cv'g't'k'n'z' vj g'3; 67"eq'pu'k'w'w'k'p' .vj g'et'ko k'p'c'n'eq'f'g' .vj g'et'ko k'p'c'n'r' t'q'eg'f' w'g'eq'f'g' .rcy "pwo dgt'8"qh'4233"eq'p'eg't'p'k'pi " ko o ki tcvkq' .c'p'f "f' g'ekuk'p'pwo dgt"3; 94"l'k'f' u'u'4239"l'p'0m'0'lt'v'0'uge'q'p'f'c't { "ngi c'n'o cv'g't'k'n'i'ct'g'q'd'v'k'p'g'f" h'qto "d'q'q'm'i'c'p'f "q'v'j g't'rk'g't'c'w'g' .v'g't'v'c't { "ngi c'n'o cv'g't'k'n'i'k'p'vj g'hqto "qh'f' l'ev'k'p'c't'k'u" "vj g'p'vj g'"eq'm'g'ev'f" ngi c'n'o cv'g't'k'n'i'ct'g"eqo r k'g'f "c'p'f "c'p'c'n' { | g'f'0'vj g't'g'u'w'm' "qh' vj ku'uw'f { "eq'p'c'n'f' g'v'c'v'rcy "g'p'h'q't'e'g'o gp'v' ci c'kpu'xkqr'v'kpu'qh't'gukf gpeg'r gto ku'qxgtuvc { + "d { "hqtgki p'ek'k' g'pu'k'p'Kpf qpguk"ec'p"dg'uw'ld'gev'v'q" et'ko k'p'c'n'r' g'p'c'n'k'g'u'qh'ko r t'ku'q'p'o gp'v'c'p'f "h'k'p'g'u'd'c'ug'f "q'p'rcy "pwo dgt'8"qh'4233"eq'p'eg't'p'k'pi "ko o ki tcvkq'0' k'p'f' g'ekuk'p'pwo dgt"3; 94"l'k'f' u'u'4239"l'p'0m'0'lt'v' .vj g'l'w'f' i g'eq'p'uk'f' g't'g'f "vj g'r'g'p'i vj "qh'v'j g'qxgtuvc { . "vj g' t'g'c'u'q'p" h'q't" vj g'qxgtuvc { . "c'p'f "vj g'f' g'h'g'p'f' c'p'v'u" cv'k'w'f' g'k'p" j c'p'f' kpi "f'q'y'p" vj g'ug'p'v'g'p'eg'0' vj ku'f' g'ekuk'p' go r j'c'uk' g'u'vj g'ko r q't'c'p'eg"qh'h'k'to "rcy "g'p'h'q't'e'g'o gp'v'y' j k'g"u'k'n'i'r'c { kpi "cv'g'p'v'k'p"v'q" vj g'r' t'k'p'ek'r' r'g'u'qh'i' l'w'v'k'eg'c'p'f "r' t'q'r' q't'v'k'p'c'r'k'v' { 0'"

**Keywords:**qxgtuvc { . 'tgukf gpeg'r gto ku'xkuc'xkqr'v'kpu' .Kpf qpguk' .r' t'q'r' q't'v'k'p'c'r'k'v' { 0'"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### VALORIZATION OF ALGERIAN MYRTUS COMMUNIS L. FRUITS THROUGH THEIR INCORPORATION INTO A VALUE-ADDED FUNCTIONAL FOOD PRODUCT

TAIBI Abdeslem \*, MOKRANI Abderrahmane <sup>2</sup>, HAMITRI-GUERFI Fatiha, KADI Ahcene, TEFANE Mohand and ARROUL Younes.

*Ncdqtcvqt { 'qhdKqo cvj go cveu. 'Dqarj { ukeu. 'Dqej go km { 'cpf 'Uekpvqo gt { '\*N5DU± 'Hc eww { 'qh'P cwt cn' cpf 'Nhg'Uekpogu 'Wpkxgt uk { 'qhdGlc k0'*

#### ABSTRACT

Vj ku'uwf { "hewegu"qp"vj g"gzvcevkqp"cpf "qr vko k cvkqp"qh'r j gpqrk"eqo r qwpf u"ltqo "Cni gtkcp"o { twg" \*O { twu"eqo o wpku"NO="Dkqcevkg"eqo r qwpf u="Gzvcevkqp="Ej ctcevgtk cvkqp=" hpevkqpcnlhqf "s wcrk { "

**Keywords:** O { twg" \*O { twu"eqo o wpku"NO="Dkqcevkg"eqo r qwpf u="Gzvcevkqp="Ej ctcevgtk cvkqp=" hpevkqpcnlhqf "s wcrk { "



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### WATER DISTRIBUTION SYSTEM (WDS) DESIGN AND PERFORMANCE ANALYSIS USING VARIOUS SOFTWARE'S: A REVIEW

*Shabroj Gous Satarmaker<sup>1</sup>*

*O'Vgej O'Eqputwekq"O'cpci go gpv'Uwf gpv.'Fgrctw gpv'qhlEkkl'Gpi kpggt'kpi.'Tclctco dcrw'Kpuakwag' QhVgej pqrqi {. 'Tclctco pci ct'U'cnj ctcrg.'Kpf k "*

*Prof. M. M. Maske<sup>2</sup>*

*Cuukacpv'Rt qhguqt.'Fgrctw gpv'qhlEkkl'Gpi kpggt'kpi.'Tclctco dcrw'Kpuakwag'QhVgej pqrqi {. " Tclctco pci ct'U'cnj ctcrg.'Kpf k "*

*Dr. S. S. Sayyed<sup>3</sup>*

*J gcf "qhlRtqi tco."Ekkl'Eqputwekq"cpf "O'cpci go gpv'Tclctco dcrw'Kpuakwag'QhVgej pqrqi {." Tclctco pci ct'U'cnj ctcrg.'Kpf k "*

#### ABSTRACT

Vj g'f guki p"cpf "r gthqto cpeg"cpn'uku"qh"Y cvgt "F kmtkdwkq"U{ uogo u"\*Y F U"ku"etkkl'cni'ht"gpwt'kpi " gh'ek'gpv"t'g'k'cdng"cpf "uw'ck'pcdng"y cvgt "f g'k'x'gt {"vq"wt'dcp"cpf "twt'cn'ct'gcu'Vj ku'tgx'kgy "f g'k'x'gu'k'pv"vj g" xet'k'q'w'u'q'hy ctg"v'q'qni"go r m{ gf "k"Y F U"r'nc'p'k'pi ."f guki p."uko w'c'v'k'p."cpf "r gthqto cpeg"gx'nc'v'k'p." j ki j rki j vpi "vj g'k't'ecr'cd'k'k'ku"cpf "cr r r'ec'v'k'p'u'0'Mg{"u'q'hy ctg"cr r r'ec'v'k'p'u't'g'x'k'gy gf "k'p'nc'f g"GRCP GV." Y cvgt ECF." Y cvgt I GO U." cpf "J 4QP GV" g'v'e'0' Vj g'ug"v'q'qni"q'hl'gt" c" tcpi g" qh" h'p'e'v'k'p'nc'k'ku" u'w'ej " cu" j { f t'c'w'le"cpf "y cvgt"s'w'c'k'v{"o qf g'k'p'pi ."l'eg'p'ct'k'q"cpn'uku."qr v'ko k' c'v'k'p."cpf "t'g'cn'v'ko g"o q'p'k'q't'k'pi ."y j k'ej " ctg"gu'g'p'v'k'ni'ht"gh'g'e'v'k'g"Y F U'o cpci go gp'0'D{"u{ uogo c'v'k'c'm{"eqo r ct'k'pi "vj g'h'g'c'w't'g'u"cpf "u't'g'pi vj u'q'h" g'ej " u'q'hy ctg." vj g" t'g'x'k'gy " r t'q'x'k'f'g'u" x'c'w'c'dng" k'p'uki j u' k'p'v" vj g'k't" u'w'k'c'd'k'k'v{" h'q" f k'x'g't'ug" r t'q'l'g'ev' t'g's'v'k't'go gp'w'c'p'f "q'r g't'c'v'k'p'nc'le'q'p'f k'k'q'p'u'0'Vj g'k'p'v'gi t'c'v'k'p'q'h'v'j g'ug'c'f x'c'p'eg'f "v'q'qni'k'p'v"Y F U'o cpci go gp'v' h't'co gy q't'm'u'w'r r q't'w'u't'q'd'w'u'f g'ek'k'q'p/o c'n'k'pi "r t'q'eg'u'g'u"gpj c'p'eg'u'v'j g'r t'g'ek'k'q'p'q'h'u'f uogo "r gthqto cpeg" r t'g'f'k'v'k'p'u" cpf "h'c'ek'k'c'v'g'u" vj g" f g'x'g'q'r o gp'v' qh" o q't'g" t'g'uk'k'g'p'v" cpf "gh'ek'k'g'p'v" y cvgt "f k'm't'k'd'w'k'q" k'p'ht'c'ut'w'ew't'g'u'0'c'f'f'k'k'q'p'c'm'f . "vj g't'g'x'k'gy "v'p'f'g't'ue'q't'g'u'v'j g'k'o r q't'v'c'p'eg'q'h'h'g'x'g't'c'i k'pi "vj g'ug"v'q'qni'v'q'c'f'f'g'u" eq'p'v'go r q't'c't {"ej c'n'g'p'i gu'k'p"y cvgt "f k'm't'k'd'w'k'q."u'w'ej "cu"l'p'et'g'c'uk'pi "f go cpf ."ci g'k'pi "k'p'ht'c'ut'w'ew't'g."cpf " er'ko cv'g"ej c'pi g"ko r c'ew'0'Vj t'q'w'i j "eqo r t'g'j g'p'uk'x'g"cpn'uku"cpf "eqo r ct'k'q'p."vj ku't'g'x'k'gy "c'k'o u'v'q"i w'k'f'g" g'pi k'p'g'g't'u'c'p'f "f g'ek'k'q'p/o c'n'g't'u'k'p"u'g'r'g'e'v'k'pi "vj g'o q'u'c'r r t'q'r t'k'c'v'g'u'q'hy ctg"u'q'w'k'q'p'u'ht"q'r v'ko k' k'pi "Y F U" r gthqto cpeg" cpf "uw'ck'pcd'k'k'v{0' Vj g" h'k'p'f'k'pi u" v'p'f'g't'ue'q't'g" vj g" r q'v'g'p'v'k'ni' qh" vj g'ug" u'q'hy ctg" v'q'qni" v'q" t'g'x'q'n'w'k'q'p'k' g" Y F U" o cpci go gp'v" w'ko cv'g'n' "eq'p'v'k'd'w'k'pi "v'q" vj g" c'f' x'c'p'ego gp'v' qh" uw'ck'pcdng"y cvgt " f k'm't'k'd'w'k'q"r t'c'ev'k'g'u'0'

**Keywords:** " Y cvgt " F k'm't'k'd'w'k'q" U{ uogo " \*Y F U:" t'g'cn'v'ko g" o q'p'k'q't'k'pi ." k'p'ht'c'ut'w'ew't'g" t'g'uk'k'g'p'eg." uw'ck'pcdng"y cvgt "o cpci go gp'v'0'

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#### THERMAL FLOW BEHAVIOR OF WATER-BASED HYBRID NANOFLUIDS INCORPORATING MAGNETIC AND NON-MAGNETIC NANOPARTICLES

Misbah Fareed<sup>1\*</sup>, Dr. Abid Hussanan<sup>1</sup>

<sup>3</sup>Fgrctwo gpv'qhl'ocvj go c'keu 'Fkxkukqp'qhl'Uekgpeg'cpf 'Vgej pqrqi {. 'Wpkxgt ukv' qhl'Gf wecvkqp. 'Ncj qt g.' 76222. 'Rcnkacp'

"

#### ABSTRACT

Vj ku'r cr gt'rtgugpu'vj g'eqpvtkdwkqpu'qh'j { dtkf "pcpqhmkf" qxgt "c" utgvej kpi "uj gg'lp"vj g'rtgugpeg"qh' xkueqwu" f ku'k cvkqp'0'Eqpegkxg"vj cv'vj g'EwóHg:Q<sub>6</sub>"y cvgt"j { dtkf "pcpqhmkf" "ku" c" P gy vqpkcp" hmkf "y kj " eqpucpv'vj gto cñ'eqpf vevkxv' { "cpf "xkuequk' 0'Vj g'cr r tqr tlcvg"uko kctkv' "vcpuhqto cvkqpu'ctg"cr r rkgf "vq" tgf veg"vj g'r ctvkn'f khtgpkvkn'gs wevkqp'lpvq"vj g'u{ ugo "qh'vj g'pqprikpget"qtf kpet { "f khtgpkvkn'gs wevkqp." y j kej "ku" uqrxgf "pwo gtkecm' 0'Vj g'T wpi g/MwccóHgj rdgti "o gj qf "ku" wugf "vq" qdvckp"vj g'pwo gtkecn' uqrvkqpu" hqt" xgmekv' "cpf "vgo r gtcwtg" hgrf u' Vj g'r gthqto cpeg"qh'y gnónpqy p"r ctco gygtu"ci ckpu' xgmekv' "cpf "vgo r gtcwtg" hgrf "j cu'dggp'xkuwcn' gf "i tcr j kecm' 0'Vj g'vgo r gtcwtg" f kwtkdwkp'f gemtgf " my "r gthqto cpeg" hqt "kpetgcukpi "vj g'xcnvg"qh'vj g'Gengtv'pwo dgt'0'Vj g'vgo r gtcwtg" hgrf "kpetgcugu"y kj " kpetgcukpi "xcnvgu"qh'o ci pgle" hgrf "cpf "tcf kvkqp"r ctco gygtu'0'Vj g'qdvckp'gf "tguwmu" f go qpucv'gf "vj g' gthgevkxg'cr r decvkqp'qh'j { dtkf "pcpqhmkf u'0'"

"

"

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#### TEACHERS' EDUCATIONAL PERFORMANCE: EVIDENCE FROM MIDDLE SCHOOLS

"

*Qader Vazifeh Damirchi*

*Rj (F 0kp'EwmwtenO cpci go gpv'cpf 'Rrcppkpi . 'F gr ctvo gpv'qhlHkt u'lugeqpf ct { 'Gf wecvkqp. 'O lpkmt { 'qh' Gf wecvkqp. 'Rctu'Cdcf. 'Kcp "*

*Jamal Shafaei Ajirlu*

*Rj (F 0Uwf gpv'lp 'Rwdrke 'Cf o lpkmt cvkqp. 'F gr ctvo gpv'qhlHkt u'lugeqpf ct { 'Gf wecvkqp. 'O lpkmt { 'qh' Gf wecvkqp. 'Rctu'Cdcf. 'Kcp "*

"

#### ABSTRACT

Qpg'qh'vj g'o quv'ko r qtvcpv'eqpegtpu'qh'r qrlk { o cngtu "qhlkcnu "cpf "cf o lpkmtcvqtu'lp "Kcp)u'gf wecvkqp" u{ ugo 'j cu'dggp'vj g'ko r tqxgo gpv'cpf 'gpj cpego gpv'qh'vj g'r gthqto cpeg'qh'gf wecvkqpcn'cpf 'tcklpi 'uc'hd' Vj g'r tqf wevklx { "cpf "gpj cpego gpv'qh'vgcej gtu) 'gf wecvkqpcn'r gthqto cpeg. "cpf "lpf ggf "vj g'eqpvkpwqwu" ko r tqxgo gpv'qh'vj g'gf wecvkqpcn'u{ ugo "kuqrh'tgs vkt gu'kpvrki gpv'cpf "u{ ugo cve'cevkapu.'pgeguukcvkpi " vj g'kf gpv'khec'cvkqp" cpf "cngtcv'kqp" qh' gh'gevkxg' hcevqtu' Vj ku' uwf { " y cu' eqpf wev'gf " y kj " vj g' clo " qh' kpxguki cvkpi "vj g'gf wecvkqpcn'r gthqto cpeg"qh'o kf f'ng'uej qqn'vgcej gtu'Vj g'ucv'knce'n'r qr v'cvkqp'hq'vj ku' tgugcej "eqo r tkgu'o kf f'ng'uej qqn'hq't"i knu'cpf "dq { u "v'cvkpi "542"lpf kxk'vcnu'Vj g'uco r ng'uk' g'y cu' f g'vto kpgf "dcugf "qp'O qti cp'u'cdng."y j lej "tguwngf "kp" c'ugr'cvkqp"qh'397"lpf kxk'vcnu'k'q'ht o cvkqp"y cu' eqmgevgf " vj tqwi j " uko r ng" tcpf qo " uco r r'kpi " xlc" cp" qprkpg" s'wgukppckg." {kgrf kpi " 392" eqo r ngv'gf " tgr qpugu'Gf wecvkqpcn'r gthqto cpeg"y cu' o gcum'gf "wukpi "vj g" \ cpf k's'wgukppckg"\*4235+."y kj "h'ceg" xcnk'kf "gucdrkuj gf. "cpf "vj g'xcnw'qh'Etqpdcej )'crr j c'hq't'vj g'gf wecvkqpcn'r gthqto cpeg"s'wgukppckg" y cu'hqwpf "vq" dg'20 360'F guetkr v'xg" cpf "kphgtgpv'cn'ucv'knce'n'vguu"y g'gtg" go r ng { gf "vq" cpcn { g'vj g' s'wgukppckg'f cvc'0'k'vj g'f guetkr v'xg" cpcn { uku "h'gs w'gpe { "cpf "r gtegpvc' g'h'gs w'gpe { "vguu"y g'gtg'w'k'kf gf. " y j k'g'vj g'kphgtgpv'cn'cpcn { uku'kpxq'k'gf "c'qpg/'uco r ng'v'vgu'0'Vj g'tgugcej 'tguwuu'f go qpuc'v'gf. 'y kj "; 7' " egtv'cv'v'f. "vj cv'uej qqn'f k'gevtu'cpf 'f gr w'f 'r t'kpek'cnu'qh'o kf f'ng'uej qqn'ctg'ucv'k'k'gf 'y kj "vj g'gf wecvkqpcn' r gthqto cpeg"qh'vgcej gtu'J qy g'xgt. "vj g'qxgtcm'cxgtci g'cpf "vj g'cxgtci g'qh'vj g'lpf k'cv'qtu'lpf k'cv'g"vj cv' ucv'k'cev'kqp'ku'd'g'ny "i g'p'g'cni'g'zr gev'cv'k'pu."y kj "g'zegng'p'v'cpf 'f g'ukt'cdng'tcv'kpi u'd'g'kpi "s'v'k'g'tctg'cpf "vj g' o clqtk'f 'h'cnkpi "k'p'v'vj g'ceegr v'cdng'tcpi g'0'Vj ku'v'p'f g'tu'eqt'gu'vj g'p'geguuk'f "h'q't'vgcej gtu)gpi ci go gpv'cpf " gh'q't'v'q'ko r tqxg'gf wecvkqpcn'r gthqto cpeg'0

**Key Words:** 'gf wecvkqpcn'r gthqto cpeg.'r gthqto cpeg.'vgcej kpi "o g'v' qf u'vgcej gtu"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ECONOMIC ANALYSIS OF LEAFY VEGETABLE MARKETING IN OYO STATE

Taiwo, A.M<sup>1</sup>, Awolola, A.A<sup>1</sup>., Adejumo, D.R<sup>1</sup>., Omotoso, A.B<sup>1\*</sup>

*Q{q'Ucvg'Eqngi g'qhl'Ci tlewnwt g'c'pf "Vgej pqngi {."K dqqt cO'*

#### ABSTRACT

Vj g'uwf { "gzco kpgf 'vj g'geppqo le'cpcn{ uku'qhl'ngch{ 'xgi g'vcdng'o ctngv'kpi 'kp'Q{q'Ucvg'OC'uko r ng'tc'pf qo " uco r n'kpi 'vgej pls v'g'y cu'go r n'q{ gf 'vq'ugrgev'342'tgur q'pf g'p'v'cu'v'j g'r q'w'v'k'p'q'h'v'j g'uwf { OC'ut'vewt'gf " k'p'v'g't'x'k'y 'u'ej g'f w'g'y cu'w'ugf 'vq'eqmgev'p'ggf g'f 'k'p'h'q'to c'v'k'p'it'qo 'ngch{ 'xgi g'vcdng'o ctngv'gtu'OF g'uet'k'v'x'g' uc'v'k'le'y cu'w'ugf 'vq't' g'uet'k'd'g'v'j g'v'q'ek'q/ g'geppqo le'ej ctcev'g't'k'v'le'u'q'h'ngch{ 'xgi g'vcdng'o ctngv'gtu'D'w'f i g'vct { " c'p'n'f u'ku'y cu'w'ugf "vq'g'v'ko c'v'g'v'j g'equ'c'p'f "t'g'w't'p'ut'vewt'g'q'h'ngch{ 'xgi g'vcdng'o ctngv'kpi ."c'p'f "I t'quu" o c'ti k'p'c'p'f "O ctngv'kpi "o c'ti k'p'y cu'w'ugf "vq't' g'v'g'to k'p'g'v'j g'h'cev'q'tu'c'h'ngv'kpi 'ngch{ 'xgi g'vcdng'o ctngv'kpi 'k'p' K'let'c'r c'E'g'p'v't'c'n'N'q'ec'n'I q'x'g't'p'o g'p'v'C't'g'c'q'h'Q{q'Ucvg'OV'j g't'g'u'w'u'uj q'y g'f 'v'j c'v'78'89' "q'h't'g'ur q'p'f g'p'v'u' y g't'g'o c'ng'y k'j '6: 05' "d'g'l'p'i 'h'c't'o g't'u'y k'j "c"o g'c'p'c'i g'q'h'73" {g'c't'u'OV'j g'd'w'f i g'vct { 't'g'u'w'u't'g'x'g'c'ng'f 'v'j c'v' ngch{ 'xgi g'vcdng'o ctngv'kpi "k'p'v'j g'uwf { "c't'g'c'k'u'r t'q'h'k'c'd'ng'y k'j "I t'quu"o c'ti k'p'q'h'%4; .424047" c'p'f "r'ed'q'v't" equ'v'eq'p'uk'w'w'g'f "c'd'q'w'%56.6490 4"q'h'v'j g'v'q'c'n'x'c't'k'c'd'ng'equ'q'h'ngch{ 'xgi g'vcdng'u'OV'j g'uwf { 't'ge'q'o o g'p'f u' v'j c'v'I q'x'g't'p'o g'p'v' c'p'f "P q'p'I q'x'g't'p'o g'p'v'c'n'I Q'ti c'p'k' c'v'k'p'u' u'j q'w'f "r t'q'x'k'f g'k'p'eg'p'v'k'g'u' u'w'ej "cu' \*t'q'c'p'u" h'g't'v'k'k' g't'u'c'p'f 'u'q't'c'i g'h'c'ek'v'k'g'u' h'q't'ngch{ 'xgi g'vcdng'o ctngv'gtu'c'p'f 'v'j g't'g'v'j q'w'f "d'g'v'w' /v'q'f c'v'g'z'v'g'p'uk'q'p" u'g't'x'k'eg'u' h'q't'ngch{ 'xgi g'vcdng'o ctngv'gtu'v'q'k'o r t'q'x'g'v'j g't'o ctngv'kpi "g'z'r g't'k'g'p'eg'c'p'f "v'q'o c'z'k'o k' g'r t'q'h'k'q'p" ngch{ 'xgi g'vcdng'o ctngv'kpi 0'

**Keywords:** "I t'quu"o c'ti k'p="R't'q'h'k'c'd'k'k'v' { =O ctngv'kpi =O c'z'k'o c'k' g"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DA LAT THROUGH THE EYES OF DOMESTIC TOURISTS - UNDERSTANDING DESTINATION IMAGE AND TRAVEL EXPERIENCES

*My-Kim Thi LE*

*Ecp'Vj q'Wpkxgtukaf. 'Xkgyrco 0"*

*Que-Nhu DUONG*

*Eqtgurqpfkpi 'cwj qt0Ecp'Vj q'Wpkxgtukaf. 'Xkgyrco . 'QTEK'K' <2222/2224/5956/2; 82"*

*Nam-Khang Tri NGUYEN*

*Ecp'Vj q'Wpkxgtukaf. 'Xkgyrco 0'QTEK'K' <2222/2223/9583/9782"*

"

#### ABSTRACT

F c'Ncv.'ukwcvgf 'kp'Nco 'F qpi 'Rtqxkpeg.'ucpf u'cu'c'ho qwu'cpf 'ecr vxcvki 'f gukpcvqp'kp'Xkgyrco 0'Vj ku' tgugetej "uggnu" vq" gxcnvcg" 'y g' f gukpcvqp" eqi pkxg" ko ci g" cpf " vtcxgn' gZR gtlgpeg." ur gekkccm' "cu" r gteglxgf "d{ "f qo guke"vqwknu0'Vj tqwi j "y g" wkkk' cvkp" qh'r tko ct { "f cv" qdvcxgf "Hqo "c" utwewtgf" svguqppcktg" umtxg{ kpi "453"vqwknu" 'y ku' uwf { "cr r rkgf "Etqpdcej )'crr j c." eqpxgti gpeg"vgu'kpi . "cpf" f guetk' vkg'ucvku'v'q'cej kxg'y j g'cti gvgf 'qdlgevkg0'Vj g'kpf kpi u'kpf kcv'cp'q'xgcm' qukxg'eqi pkxg" ko ci g"qh'F c'Ncv'co qpi "f qo guke"vqwknu="j qy gxtg. "ugevkv{ "go gti gf "cu'y j g'rgcu'r qukxgn' "gxcnvcg" cur gev'qh'F c'Ncv'eqi pkxg"ko ci g0O qtgqxtg. "y g" uwf { "tgxgcrgf "r tgf qo kpcv' "r qukxg"cu'guo gpvu" qh'vtcxgn'gZR gtlgpegu'kp'F c'Ncv'd{ "vqwknu" cndgk'y kj 'uwr tkug'tgi kvgtkpi "cu'y j g'ny guv'ueqtf "grgo gpv0' Vj ku' uwi i guu'v'j cv'y j krg" gZR gtlgpegu'y g'g'rti gn' "r qukxg. "y g'rgxgn'qh'uwr tkug'y cu'tgrcvxgn' "ny 0'k' rki j v'qh'y gug'kpf kpi u. "y g" uwf { "cnq" r tgu'pw'o cpci g'kcn'tgeqo o gpf cvkqu'clo gf "cv'cwi o gpvkpi "y g" f gukpcvqp'ko ci g"cpf "vtcxgn'gZR gtlgpegu'qh'f qo guke"vqwknu'kp'F c'Ncv'0"

**Keywords:** 'F gukpcvqp' ko ci g. "Vtcxgn'GZR gtlgpeg. 'F qo guke"vqwknu"vqwknu . 'F c'Ncv'0'

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#### COUNTING OF RC-LATTICES CONTAINING UP TO FOUR REDUCIBLE ELEMENTS AND HAVING NULLITY UP TO THREE

"

*Aware Balasaheb Parasram*

*O qf gtp'Eqmgi g'qh'ctu. 'Uekgpeg'cpf 'Eqo o gteg' \*Cwappqo qwu± 'Uj kxcllpci ct. 'Rwpg/7. "'*

*Tgugctej 'Uej qrt. 'Fgrctwo gpv'qh'Ocyj go cveu. 'OΛΛ'KPK"*

*Dr. Ashok Nivrutti Bhavale*

*O qf gtp'Eqmgi g'qh'ctu. 'Uekgpeg'cpf 'Eqo o gteg' \*Cwappqo qwu± 'Uj kxcllpci ct. 'Rwpg/7. "'*

*J gcf. 'Fgrctwo gpv'qh'Ocyj go cveu. 'OΛΛ'KPK"*

"

#### ABSTRACT

$k \geq 2$  "Dj cxcrg'cpf "Y cr j ctg'kvtqf wegf "y g'eqpegr v'qh'c'pwnk\ "qh'c'r qugv'cu'pwnk\ "qh'ku'eqxgt'i tcr j 0' Ceeqtf lpi "v'Dj cxcrg'cpf "Y cr j ctg. "k'c'f luo cpvcdng"rwleg"qh'pwnk\ "n'eqpvc'kpu't' tgf wekdng"grgo gpvu" vj gp" $2 \leq r \leq 2k$ "Rcy ct"cpf "Y cr j ctg"eqwpvgf "cm'pqp/kuqo qtr j ke"rwlegu"qp"p"grgo gpvu" j cxlpi "pwnk\ "qpg."eqpvc'kpi "gzcevf "y q"tgf wekdng"grgo gpvu" Tgegpn\ . "Dj cxcrg'cpf "Cy ctg"eqwpvgf " cm'pqp/kuqo qtr j ke"rwlegu"qp"p"grgo gpvu. "j cxlpi "pwnk\ " $k \geq 2$ ."eqpvc'kpi "vr "vq"vj tgg"tgf wekdng" grgo gpvu" Cnuq" Dj cxcrg'cpf "Cy ctg"eqwpvgf "cm'pqp/kuqo qtr j ke"rwlegu"qp"p"grgo gpvu" j cxlpi "pwnk\ "vr " vq"vq"0"K'vj ku'r cr gt. "y g"eqwpv'vr "vq"kuqo qtr j kuo "y g'emuu"qh'c'm'rwlegu"qp"p"grgo gpvu"eqpvc'kpi "hqv" eqo rctcdng"tgf wekdng"grgo gpvu. "cpf "j cxlpi "pwnk\ "vj tgg0"

**Keywords** <Ej clp. "Nwleg. "Rqugv. "Eqwpv'kpi 0"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE ROLE OF INNOVATION IN SUSTAINABLE ECONOMIC DEVELOPMENT IN THE DIGITAL ERA: A CASE STUDY IN TÜRKIYE

Dorley Frenly Gurning<sup>1</sup>, Beesokhi Ndruru<sup>2</sup>, Priantama Putra<sup>3</sup>, Rima Patricia<sup>4</sup>, Kevin Orlando<sup>5</sup>, Kevin Mario<sup>6</sup>

<sup>345678</sup> Ocunxt "qhlNcy. "Wpkxgtukc u"Mt kwxp "kpf qpgukc. "Lcnc tvc. "kpf qpgukc "

#### ABSTRACT

Vj g" KUCF " kpkwng" kpgtpevkpcn" Eqphgtpeg" j grf "kp" Vwtng{ " cko u" vq" dtkpi " vqi gvj gt" tgugetej gtu" cecf go leu" cpf " r tcevkqpgtu" ltqo " xctkqwu" uelkpvtkle" f luekr nkpgu" vq" f kweuu" vj g" ej cmgpi gu" cpf " qrrqtwpkkgu" hceg" d{ " f gxgnr kpi " eqwvltkgu" k'vj g'gtc" qh'i mdcnk' cvkq' cpf " f ki kcrk' cvkq' 0k' " vj ku' eqpvz v." vj ku' tgugetej " gzco kpgu" vj g' tqrng" qh' " kppqxcvkq" cu' c' ng{ " f tkxgt " kp" uwuclpcdng" geqpqo le " f gxgnr o gpv' kp" VÅtnk{ g' Vj ku' uwf { " wugu" c" s wcrkcvkxg" cr r tqcej " y kyj " r tko ct { " cpf " ugeqpf ct { " f cvc" cpcn{ uk' vq" g' zr nqtg" j qy " i qxgtpo gpv' r qrekgu" cpf " r tkxcvg" kpkk' vkgu' ecp" etgcvg" cp" gpv' ktpo gpv' vj cv' uwr r qtu' kppqxcvkq' 0Vj g" tgugetej " tguwu' vj qy " vj cv' kpxguo gpv' kp' i tggp' vgej pqm{ { " cpf " kpf wutkcnf ki kcrk' cvkq' r m{ " cp' ko r qtcvp' tqrng" kp" ko r tqxkpi " tguqwtg" gh' k' k' gpe { " cpf " tgf welpi " gpv' ktpo gpv' r ko r ce' v' 0k' " cf f k' k' q. " eqm' d' q' c' vkq" dgw ggp" vj g' r wdrle" cpf " r tkxcvg" ugevqtu' j cu' r tqxgp" gh' g' v' k' g' kp" ceegntcvkpi " vj g" kppqxcvkq" r tqegu' 0D { " kf gpv' k' k' kpi " vj g' ej cmgpi gu' hceg. " uwej " cu' ncm' qh' " k' pht cut wewt g" cpf " ceegu' vq" gf wecvkq. " vj ku' tgugetej " tgeqo o gpf u' utcvgi le " ugr u' vq' ko r tqxg" vj g' kppqxcvkq" gequ' ugo " kp" VÅtnk{ g' 0k' ku' j q' r gf " vj cv' vj g' tguwu' qh' vj ku' tgugetej " ecp' o cng' c' " uki p' k' ecp' v' eqv' k' d' w' k' q" vq" gh' q' t' u' vq" cej k' x' g' u' uwuclpcdng" f gxgnr o gpv' i qcm' cv' vj g' pc' vkpcn' cpf " k' p' g' t' p' e' vkpcn' h' g' x' gn' 0

**Key Words:** "kppqxcvkq" = "Uwuclpcdng" Geqpqo { = "F ki kcrk' cvkq" = "VÅtnk{ g" = "Rwdrie" Rqrie { 0

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE *IN SILICO* DESIGN OF LAMP-CRISPR BASED DRUG RESISTANT *PLASMODIUM FALCIPARUM* DIAGNOSTICS WITH THE ASSISTANCE OF BIOINFORMATICS TOOLS

Arli Aditya Parikesit<sup>1\*</sup>, Rio Hermantara<sup>2</sup>, Elizabeth Sidhartha<sup>2</sup>

<sup>3</sup>Fgrctwo gpv'qhlDkqphqto c'keu. 'Uej qqn'qhl'Nkg'Uekgpegu. 'Kpf qpgukc 'Kpvtgpcv'kqpcn'Kpukwng'ht 'Nkg'Uekgpegu. 'Lcnc'vc. 'Kpf qpgukc "

<sup>4</sup>Fgrctwo gpv'qhlDkqo gf lekpg. 'Kpf qpgukc 'Kpvtgpcv'kqpcn'Kpukwng'ht 'Nkg'Uekgpegu. 'Lcnc'vc. 'Kpf qpgukc "

#### ABSTRACT

O crtkc "ku'cp" qpi qkpi "r cpf go le. "cpf "uki p'k'ecpv" o qtvcrk { "j cu' dggp" tgeqtf gf "y qtrf y kf g' Cmj qwi j " xceekpgu' c'pf "f twi u'ht" o crtkc "j cxg' dggp" h'wpf. "gctn { "f g'vek'q' qh'v' g' f k'ug'cug' ku'etvekr'ht "v' g' u'weegu" qh'v' g'v' g' g' r { "cu'v' g' f twi "tguk'cpv' ut'c'kpu' c'it'gcf { "gz'k'ug'f OR'c'rc'k' ctwo 'ku'q'pg' qh'v' g' eqo o qp' r' cv' q' i' g' pu' v' j' cv' ecwug" o crtkc. "cpf "uki p'k'ecpv" r'gcf u' qh' cp'k' f twi "tguk'c'peg" j cxg' c'it'gcf { "dggp" h'wpf O' C" eqpxgp'v'kqpcn' f g'vek'q' y kj "c" RET" dcugf "k'p'utwo gpv' j cu' c'it'gcf { "dggp" f g'x'gnr' gf O' J qy g'x'g. "v' g' k'p'utwo gpv' ku' f k' h'k'ew'v' q' f gr m { "ht "k'p' ukw' f kci p'q'ueu' Vj g' t'gh'g. "NCOR/ETKURT" dcugf "f kci p'q'ueu" y cu' f g'x'gnr' gf "k'p' q'f g' t'v' ecv'g' q'p' uk'g' f g'vek'q' qh'v' g' f twi /tguk'cpv' r' cv' q' i' g' pu' Vj g' d'k'q'p'hto c'keu" v'q'q'ny g' t'g' r' r' k'g'f "v' f' g' u' k' i' p' h'q' t' v' j' g' eqpxgp'v'kqpcn' RET" r' t'ko g' tu. "cu' r' t'g'ew'ut' q' v' j' g' NCOR" r' t'ko g' t' f' g' u' k' i' p' O' Vj gp. "ur g'ek'rk' gf "u'q'hy ctg" h'q' t' v' j' g' NCOR" r' t'ko g' t' y cu' f' gr m { gf O' N'c'urn. "v' j' g' f' g' u' k' i' p' qh' i' v' k' f' g' TPC" \*i TPC+ht' cu' k' u' k' p' i' v' j' g' q' p' uk' g' v' c' t' i' g' v' k' p' i' qh' v' j' g' t' g' n' g' x' c' p' v' O' k' v' j' k' u' g' p' f. 'v' j' g' f' g' u' k' i' p' u' qh' v' j' g' NCOR/ETKURT" f kci p'q'ueu' v' j' q' w' f' "dg' c' r' r' k' g' f' k' p' v' j' g' y' g' v' r' d' q' t' c' v' q' t' { "u'g' v' k' p' i' "ht" f' g' x' k' u' k' p' i' "v' j' g' eqo r' r' g' v' g' r' t' q' v' e' q' r' f' "

**Keywords:** "NCOR. "ETKURT. "R'rc'uo qf kwo "h'rc'k' ctwo . 'i' TPC. 'r' t'ko g' t' "



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CHALLENGES IN TRANSITION: FIRST-YEAR ENGLISH MAJORS' PERSPECTIVES ON UNIVERSITY-LEVEL LANGUAGE LEARNING AT SAI GON UNIVERSITY

*Pham Nguyen Quang Huy*

*Fgrctwo gpv'qhlhqt gli p'rcpi wei gu. "UcKI qp'wpxgtukf"*

"

#### ABSTRACT

Vj g"vcpukkkp"ltqo "j ki j "uej qqn'vq" wpxgtukf "ku" ej cmgpi kpi "hqt" o cp{ "htuw/ { gct" uwf gpw"cu" vj g{ "gpeqwpvgt"uki pkkcpvf fkhgtgpegu"kp"vj gk"pgy "gpxkqpo gpv'ht" Gpi rkuj /o clqtgf "ltguj o gp"cv"UcKI qp" Wpxgtukf. "cf lwu" kpi "vq" wpxgtukf /ngxgn' ngctpkpi "ecp" ko rcev' vj gk" cecf go le" uweegu' Vj ku" uwf { "kpxguki cvu'vj g'r gtur gevkgu'qh'cr r tqzko cvgn' "342'ltguj o gp" gptqmgf "kp"vy q" Tgcf kpi /Y tkkpi "3'emuuu." clo kpi "vq" wpf gtucpf "vj gk" ur gekhe" ej cmgpi gu' Wukpi "c" o kzgf /o gvj qf " cr r tqcej ." vj ku" tgugtej " kpeqr qtcvgu'umxg{ "svgu" kppcktgu'vq"gzr mtg"vj gk"r gtur gevkgu"qp"vj g'pgy "ngctpkpi "gpxkqpo gpv'cpf" ugo k'utwewtgf "kpvgtxky u" vq"i ckp" f ggr gt" kuki j vu' Hkp kpi u" kpf kecv" vj cv" uwf gpw" r gtegkxg" o cp{ " f khgtgpegu'dgy ggp'j ki j "uej qqn'cpf "wpxgtukf "gf vecvqp."gpeqwpvgt f khlwukgu'kp"vj g'ngctpkpi "r tqegu." cpf "j cxg"ur gekhe"gzr gevkgu'p'ht"uwr r qv'ltqo "vj gk"ngewtgu'cpf "kpwkwwkp'Vj g"uwf { "eqpenf gu'vj cv" vj g'r tko ct{ "ej cmgpi gu'rkgu"kp"uwf gpw"cf lwuo gpv'vq"pgy "vgcej kpi "o gvj qf u'cpf "ngctpkpi "cwqppqo {0' Dcu"gf "qp"vj gu" hkp kpi u" k'ku'tgeqo o gpf gf "vj cv'vj g" wpxgtukf "uj qwf "qhlgt"gpj cpegf "uwr r qv'vq"j grr " uwf gpw'vcpukkkp"ghgevkgn' "cpf "r tngxpvr' qv'pknko r cev'qp"vj gk"cecf go le"r gthqto cpeg0'

**Key words** <cecf go le"uweegu."ngctpkpi "gpxkqpo gpv."ngctpkpi "r tqegu."ngctpkpi "cwqppqo { ."cecf go le" r gthqto cpeg0"

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#### RISE OF THE MACHINES: WHERE INNOVATION MEETS INTEGRATION

*Vaira Vignesh R, Sakthi priyan V, Likish K, Dr. A. Vijayalakshmi*

*Fgrctw gpvqhlXNUK*

*T00M0Cpi kpggtkpi "Eqngi g!". "Mxctckr gwck!". "Vj kwxcmt "Fkutkev!". "Vco kpcf w!". "kfk k"*

"

#### ABSTRACT

Vj.g'hwmtg'qhtqdqleu'j qifu'tcpulqto cvkxg'r qvqpkcn'j cv'"rtqo kugu'v' tgf ghkg'j wo cp'gzkwgpeg'kp'y c{u" qpeg" eqphkpgf" vq" uelgpeg" hewkap'0' Htqo: "tgxqmwkqpk kpi" kpf wutkgu" vq" gpj cpekpj" rgtuqpcn' rkgu' rgu." tqdqleu'ku'ugv'vq' kphwpeg'pgcthl' gxtg{ "cur gev'qh'qwt' rkgu" ugco rguun' "o gti kpi" ctv' helen' kpvgnki gpeg" y. kj. "j wo cp" cev' kxk' { 0' k' "vj g" pgct' hwmtg. "tqdqle" u' ugo u' y kni' pqv' qpn' "j cpi r' g" o wpcpg' v' cum' dw' y kni' v' enig" eqo r' r' g' z' "ej c' r' pi' gu" ck' k' pi' "k' "j g' enj' ectg' f' k' i' p' q' u' k' e. "gp' x' k' q' p' o' g' p' x' en' u' w' u' c' k' p' c' d' k' r' k' v' . "c' p' i' " u' c' e' g' " g' z' r' t' u' t' c' v' k' p' 0' C' w' a' p' q' o' q' w' u' t' q' d' q' u' 'y' k' n' i' g' o' r' q' y' g' t' " r' g' t' u' q' p' c' k' g' f' " r' g' c' t' p' k' i' . "c' u' k' u' v' " k' p' " c' i' k' p' i' " r' q' r' w' i' c' v' k' p' u' . "c' p' i' " f' i' g' i' k' x' g' t' " r' t' g' e' k' u' k' p' " c' i' t' l' e' w' m' t' g' . "y' j' k' g' u' e' k' e' n' i' t' q' d' q' u' 'y' k' n' i' d' t' k' i' g' i' c' r' u' k' p' " j' wo cp' e' a' p' p' g' e' v' k' p' " c' p' i' " c' e' e' g' u' k' d' k' r' k' v' { 0' Vj.g" ko r' cev' y kni' g' z' v' p' f' " d' g' { q' p' f' " e' q' p' x' g' p' k' e' p' e' g' = " k' " y' k' n' i' u' r' c' t' n' i' p' g' y' " r' q' u' i' d' k' r' k' k' u' " h' q' t' " k' p' p' x' c' v' k' p' . "t' g' u' j' c' r' g' " g' e' q' p' q' o' k' g' u' " c' p' i' " t' c' k' u' g' " g' v' j' k' e' c' n' i' s' w' g' u' k' p' u' " c' u' " t' q' d' q' u' " i' t' q' y' " o' q' t' g' " c' w' a' p' q' o' q' w' u' " c' p' i' " e' f' c' r' v' k' x' g' 0' Vj. k' i' r' c' r' g' t' " g' z' c' o' k' p' g' u' v' j' g' " c' p' v' e' k' r' c' v' g' f' " c' f' x' c' p' e' g' o' g' p' w' u' k' p' " t' q' d' q' u' e' u' " c' p' i' " g' p' x' k' u' k' p' u' c' " h' w' m' t' g' " y' j' g' t' g' " t' q' d' q' u' " c' o' r' i' k' h' i' " j' wo cp' " r' q' v' e' p' v' c' h' " h' q' u' g' t' k' p' i' " c' u' { p' g' t' i' k' u' k' e' " t' g' i' e' v' k' p' u' j' k' r' " v' j' c' v' t' w' a' j' g' u' v' j' g' " d' q' w' p' f' c' t' k' u' q' h' y' j' c' v' y' g' " e' c' p' " c' e' j' k' x' g' " q' i' g' v' j' g' t' 0'

"

III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

NANO TECHNOLOGY IN ENVIRONMENTAL SCIENCE

SUDHARSAN B, Dr. A. Vijayalakshmi

Fgrctw gpv'qhlEgo rrwgt 'Uekgpeg"

TOOMGpi kpggtkpi 'Eqngi g. 'Mxct ckr gwck 'Vkt wxcmw 'Fkmt kev. 'Vco kpcfw. 'Kpf kc "

ABSTRACT

P cpqvej pqmji { 'j cu'go gti gf 'cu'c'tcputqto cvkxg'hqteg'kp'gpixkqpo gpvcn'uekgpeg. 'qhhgtkpi "'kppqxcvkxg" uqnrwkqpu'v'cf f tgu'etk'lecn'ej cmngpi gu'wej 'cu'r qmwkqp. 'tguqweg'o cpci go gpv.'cpf 'uwuclpcdkk'0Vj ku'vej pqmji { 'kpxqkxgu'o cplr wcvkpi 'o cvgtkcu'cv'vj g'pccpuecrg. 'y j lej 'tguwmu'kp'wpls wg'r tqr gtvkgu'cpf " gpj cpegf 'r gthqto cpeg0'k'y cvgt 'r wtk'lecvkqp. 'pccpgo cvgtkcu'rkng'ectdq'pccpqwdgu'cpf 'pccpqhkdgtu'ctg" wugf 'v'gh'gevkxgn' 'tgo qxg'eqpwo kpcpva. 'j gcx { 'o gvcu. 'cpf 'r cvj qi gpu 'gpwtkpi 'uchg'f tkonkpi 'y cvgt0' Ck's wcrk' 'lo r tqxgo gpv'dgpgkhu'htqo 'vj g'wug'qh'pccpqhkdgt 'h'ngtu'cpf 'pccpdecv'uu. 'y j lej 'ecr wtg'cp f 'pgwtcrk' g'j cto hwn'r qmwcpva'\*\*\*\*\*

. 'kpenw'kpi 'xqrcvkg'qti cple'eqo r qwpf u'cpf 'i tggpj qwug'i cugu0Uqk'itgo gf kcvkqp'go r m' { u'pccpgo cvgtkcu 'v'ucdkk' g'cpf 'f gqzkh' 'eqpwo kpcv'f 'uqku 'r tqo qvki 'j gcnj kgt'gequ' ugo u0'

O qtqgxt. 'pccpvej pqmji { 'r m' { u'c'etwecni'tqng'kp'cf xcpelkpi 'uwuclpcdng'gpgti { 'uqnrwkqpu0'\*\*\*\*\*'P cpqgpj c pefg 'uqrc'egm'cpf 'dcwgtkgu'r tqxkf g'j ki j gt 'gh'lekgpe { 'cpf 'dgwgt'r gthqto cpeg. 'eqpvtkdwkpi 'v'engcpgt" gpgti { 'r tqf wcvkqp'cpf 't'gf wv'f 't'gr'cpeg'qp'hqukri'hvgn0'k'cf f k'kqp. 'pccpqugputu'qhhgt' 't'gcnko g'o qpkqt kpi 'qh'gpixkqpo gpvcn'r qmwcpva. 'gpcdrkpi 'ceew'cv'f c'w'eqmgevkqp'cpf 'vko gn' 'k'p'vgt'xgp'v'k'qpu0'Vj gug'ugpu qtu'ecp'f g'vev'tceg'co qwpv'qh'j' c' | ctf qwu'uwdu'cpegu. 'h'cekrkcvkpi 'r tqcevkxg'gpixkqpo gpvcn'o cpci go gp v'cpf 'r qmwkqp'eqpvtqn0'

Qxgtcm'pccpvej pqmji { 'u'eqpvtkdwkqpu'v'g'gpixkqpo gpvcn'uekgpeg'ctg'r tqh'qwpf. 'f tkkpi 'cf xcp'ego gpw' v'j cv'gpj cpeg'v'j g'gh'lekgpe { 'qh'r qmwkqp'eqpvtqn' 't'guqweg'o cpci go gpv.'cpf 'uwuclpcdng'r tcevekgu0'Vj g'e qp'v'kwgf 'f g'xgnr o gpv'cpf 'cr r r'lecvkqp'qh'pccpvej pqmji { 'j qrf 'i tgcv'r tqo kug'ht' 'o kki cvkpi 'gpixkqpo g pvcn'ej cmngpi gu'cpf 'h'quvgtkpi 'c'engcpgt. 'j gcnj kgt 'r r'epgv'ht' 'h'wwtg'i gpgtcvkqpu0'D { 'j ctpgu'kpi 'v'j g'r qv'gp v'kn'qh'pccpgo cvgtkcu'cpf 'pccpuecrg'kppqxcvkqpu. 'y g'ecp'cej k'xg'uki p'k'lecv'r tqi tgu'lp'gpixkqpo gpvcn' r tqvevkqp'cpf 'uwuclpcdkk'v' 'gh'qtu0'

**Keywords:** 'P cpqvej pqmji { . 'Gpixkqpo gpvcn'Uekgpeg. 'Y cvgt 'Rwt'lecvkqp. 'Ck' 'S wcrk'v'. 'Uqk'itgo gf k'cvk qp. 'P cc'p'qugputu. 'Rqm'w'k'p'Eqpvtqn 'Uwu'cl'pc'dng'Gpgti { . 'T'gcnko g'O qpkqt'kpi . 'T'guqweg'O cpci go gpv0'

"  
"  
"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### BIODEGRADABLE ELECTRONICS FOR ENVIRONMENTAL SUSTAINABILITY

Krishnaveni T, Rayyan Sadharah Z, Lakshana R, Dr.A.Vijayalakshmi

*F gr ct wo gpv'qhl'Grgevtqpleu'Gpi kpggtkpi 'XNUKF guki p''*

*T00M'Gpi kpggtkpi 'Eqmgi g.'Mxctckr gwck 'Vj kt wxcmt 'F kant kev.'Vc o kpcf w.'Kpf kc "*

"

#### ABSTRACT

Y kj "vj g" tcr kf "kpetgcug" kp "grgevtqple" f gxleg "equuwo r vkqp." grgevtqple "y cuw" \*g/y cuw+" j cu'dgeqo g" c" etklecn' gpxktqpo gpvcn'ej cmgpi g0Vtcf kkpvcn' grgevtqpleu' eqpvckp "vzle" o gvcni' cpf "pqp/dkqf gi tcf cdrg" o cvgtkcu' vj cv' eqpvtdwng" vq" r qmwwkqp" cpf " j wo cp" j genj " tkumu" y j gp" f kur qugf " qh" ko r tqr gtn' 0' Dkqf gi tcf cdrg" grgevtqpleu. "c" ppxgr' hgrf "y kj kp" uwackpcdrng" vgej pqmji { . "qhtgt" c" r tqo kuki "uqmwkqp" vq" vj gug' kuuwgu' d { "f guki plpi "f gxlegu" vj cv' f geqo r qug' pcwtcm { "chgt" vj gkt "wug0Vj gug' geq/htkpf n { "f gxlegu" wktk' g' qti cple' cpf "dkq/f gtxgf " o cvgtkcu. "uwej "cu' egmwwug. "ukmir tqvku" cpf "r qn' rxeve' cef "RNC+ " hqt" uwdutcvgu" cpf " gpecr uwrvkqp. "cu' y gni' cu' dkqf gi tcf cdrg" eqpf vevqtu' rknng" o ci pgukwo "cpf " | kpe0Wp' rknng" eqpxgp' kpcn' grgevtqpleu. "vj gug' f gxlegu' ctg' f guki pgf "vq" o clpvckp "hwpev' kpcrk { "f v' kpi "vj gkt" qr gtcv' kpcn' rknng' dw' dtgcmf qy p' uchgn { "kp' eqo r qukpi "eqpf kkp' u' qt" y j gp" gzr qugf "vq" o qkwwt' g' cpf "pcwtcn' gp | o gu" kp' vj g' gpxktqpo gpv0"

Vj g' r qv' p' kcn' dgpghku" qh' dkqf gi tcf cdrg" grgevtqpleu' gzv' gpf "dg { qpf "y cuw" tgf vev' kqp=" vj g { "crki p" y kj " r tkpek' rgu' qh' c" ekewrt" geqqo { "d { "grko kpcv' kpi " j c | ctf qwu' o cvgtkcu. "eqpugt' xkpi "hpkkg' tguv' tegu" cpf " r tqo qv' kpi "tgpgy cdrg" tguv' tegu' 0' J qy gxgt. "ej cmgpi gu' r gtuku" kp' dc' rpekpi "vj g' f wcdk' rkv { "pggf gf "hqt" tgrk' cdrg' r gthqto cpeg' y kj "vj g' f gukt' gf "dkqf gi tcf cdrg" 0' Qti cple' o cvgtkcu' qh' g' p' j' cxg' rny gt' eqpf vev' kkv { " cpf "f wcdk' rkv { "vj cp' v' tcf kkpvcn' eqo r qpgp' u. "o cnkpi "r gthqto cpeg' qr v' ko k' cvkqp' c' hng { "tgugcte' j' "h' qewu' 0'

Cu' vj g' f go cpf "hqt" uwackpcdrng' uqmwkqpu' i' tqy u' dkqf gi tcf cdrg" grgevtqpleu' t' gr' t' gup' v' c' h' qy ctf / vj kpnkpi " cr r tqcej "vq" t' gur' qpukdrng' equuwo r vkqp" cpf "gpxktqpo gpvcn' r' tqv' e' vkqp' 0' D { "kpvgi t' v' kpi "vj gug' f gxlegu' kpvq" cr r r' nec' v' kpu" tgs' v' kpi " f kur' qucdk' rkv { . " uelgv { " ecp" o kki cvg" vj g" geq' mji' lecn' h' qv' r' tkp' v' qh' u' j' qt' v' gto " grgevtqpleu' y j kng' gp' u' t' kpi "gpxktqpo gpvcn' kpvgi tkv { 0' Vj g' f gxgnr' o gpv' qh' j' ki j / r gthqto kpi . 'equv' gh' ge' v' kxg" dkqf gi tcf cdrg" grgevtqpleu" eqwf " v' cp' u' h' qto " ugev' qt' u' f gr' gpf' gpv' qp" vgo r qtct { " grgevtqple" f gxlegu" uwr r qt' v' kpi "c' er' g' cp' g' t. " j genj kgt' h' wwt' g' 0'

**Keywords:** "G/y cuw" tgf vev' kqp. "Uwackpcdrng" vgej pqmji { . "Dkqf gi tcf cdrg" grgevtqpleu"

III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

NANO FORMULATIONS FOR CARDIOVASCULAR DISEASE MANAGEMENT: INVESTIGATING CONTROLLED RELEASE AND SITE-SPECIFIC TARGETING

Aswini R, Veronica E, Saranya B, Karthikeyan E\*.

Fgrctwo gpv'qh'Rj cto cegwlecnEj go kmt { . 'Ucxggvj c'Eqmgi g'qh'Rj cto ce { . 'Ucxggvj c'kpukwg'qh' O gfkcn'cpf 'Vgej plecn'Uelgpegu. 'Ej gppck/824327. 'Vco kpcf w'kpf kc0

ABSTRACT

Ectf kqxcuewret "f kugcug" \*EXF u" tgo clpu" c" rtko ct { " ecwug" qh" o qtdkf kv" cpf " o qtvcrkv { " y qtrf y kf g." pgeguakcvkpi "vj g" f gxrqr o gpv'qh'pqxgn'vj gtr gwle" cr r tqcej gu"vq"ko r tqxg" r cvkpv" qweqo gu'P cpq" hqto wrvkvpu" j cxg" f go pputcvgf "uki plkecpv" r qvvpken'cu" xgj kergu" hqt" vj g" f grkxgt { "qh'ectf kqxcuewret" o gf kcvkpu "qhtgtkpi "gpj cpegf "r tgekukqp" cpf "ghhece { "cpf "tgf wegf "cf xgtug" ghgeu'Vj ku'tgxkgy "vcmu" cdqw"cm'vj g" pgy "f gxrqr o gpw'kp" pcpq" hqto wrvkvpu" vgej pqmqi kgu" hqt" vgcvkpi "j gctv'f kugcug'Vj gug" vgej pqmqi kgu'kpenmf g"tkr quqo gu. "uqrf "tkr kf "pcpqr ctveng" r qnf o gtle "pcpqr ctveng" cpf "pcpq" o kergu' Vj gtg" ctg" o cp { " i tgcv" vj kpi u" cdqw" vj gug" pcpq" u{ ugo u" uvej " cu" eqpvtqmgf " f twi " tgrgcug. " mpi gt" ekewrvkqp. "cpf "vti gygf "f grkxgt { 'Vj gug'ctg'ko r qtvcpv' hqt' i gwkpi "ctqwpf "vj g' r tqdngo u'y kj "tgi wrct" j gctv' vgcvo gpw' Vcti gygf " f grkxgt { " o cngu" vj gug" pcpq" hqto wrvkvpu" ngu' rkngn { " vq" j cxg" ukf g" ghgeu" cpf " kpetgcug'vj g" dkqxcvkrkdv { "qh'vj gtr gwleu. "gur gekm { "kp" j gctv'kuwgu" cpf "ctvgtku'vj cv'ctg'uy qmgp" cpf " j ctf "vq" tgej 'Vj ku'tgxkgy "f grkxgt" vj g" o gyj qf u"qh' o qf kh { kpi "pcpqrctveng" vq" gpj cpeg" gpf qj grkcn' cpf " o { qectf kcn'vti gwkpi. "gpj cpeg" f twi "tgvpvkqp" cv'vj g" uksg" qh'cevkvq. "cpf "tgr qpf "vq" gzvgtpcn'uko wtk' hqt" eqpvtqmgf "tgrgcug'Vj ku'tgxkgy "vcmu" cdqw" j qy "vj gug" pcpq" u{ ugo u' o ki j v' dg' cdng" vq" f grkxgt" j gctv' f twi u' rknng" dmqqf "vj kppgtu. "cpveqci wrvkvu" cpf "r clpnkngtu'K'cnuq" vcngu" c" etkkn' nqm'cv'vj g" r tqdngo u" vj cv'pggf "vq" dg" uqrxgf "dghgtg" vj g { "ecp" dg" wugf "kp" enplecn'ugwvki u' k' "eqpenmukqp. "pcpq" hqto wrvkvpu" tgr tgu'pvc" r tqo kulpi "tqpvkt" kp' EXF" o cpci go gpv. "qhtgtkpi "vknrtgf. "o kpk cm { kpxcukg" utcvgi kgu' hqt" ghgevkxg" f twi "f grkxgt { "cpf "rcvkvpu" ur gekhle "tgcvo gpv0

Keywords: Ectf kqxcuewret "f kugcug" o cpci go gpv. "pcpq" hqto wrvkvpu. "eqpvtqmgf" f twi "tgrgcug. "uksg/ ur gekhle "vti gwkpi. "tkr quqo gu0

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ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EVOLUTION OF SPACE TELESCOPES

*Lakshmanan R, Kavish D, Nandhakumaran M, Dr. A. Vijayalakshmi*

*Fgrctwo gpv'qhlGGX"*

*T00MMGpi kpggt kpi "Eqngi g'Mxctckr gwck" I wo ofkrqqpf k'."Vltwxcmt0"*

"

#### ABSTRACT

Ukpeg"3; 92."vj gtg"j cxg" dggp"o qtg"vj cp"; 2"ur ceg"vrgueqr gu"r nceg" "kp" qtdk" d{"P CUC" \*P cvkqpcn' Cgtqpcwkeu"cpf "Ur ceg"Cf o kpkmtcvkqp+"cpf "GUC" \*Gwtqr gcp"Ur ceg"Ci gpe{ +0P qy "vj gtg"ctg"4; "cevxg" ur ceg"vrgueqr gu'tgxqnxkpi "kp"qwt"uqnt"u{ ugo 0Vj g'htuv"ur ceg"vrgueqr g'ku'f gxgnr gf "cpf "ncwpej gf "kp" Cr tkn3; 84"y kj "vj g"eqmcdqtcvkqp"qh" Wpksf "Ucvgu"cpf "Dtkckp0Vj g'gxqmwkqp"qh'v' g"vrgueqr g'ngf "vq" Lco gu"Y gdd"Ur ceg"Vrgueqr g"LY UV+"y j lej "ku"ewtgpv'rti gu"ur ceg"vrgueqr g"kp"vj g'y qtrf "vj cv'ku" qtdkxkpi "vj g'uqnt"u{ ugo "v'tgxgcn'vj g'twvj u'dgj kpf "vj g'Dki "Dcpi "Vj gqt {"cpf "vj g'wpnpqy p"o { ugtkqwu" qh'vj g'gzr cpf kpi "Wpkxgtug0Vj g'P qvcdrg"Vrgueqr gu'cv't g'ugpv'ctg'Lco gu"Y gdd"Ur ceg"Vrgueqr g. "J vddrg" Ur ceg"Vrgueqr g. "Eqo r vq" "I co o c" "Tc {"Qdugtxcvt {"Ej cpf tc"Z/Tc {"Qdugtxcvt {"cpf "Gwerf "Ur ceg" Vrgueqr g0' Chgt"vj g"ncwpej "qh"LY UV"vj gtg"j cu" dggp" c" f tcvke" ej cpi g"kp"vj g' hgrf "qh" Cwtqppo {" " Equo qm { "cpf "Cwtqr j { uku0' Vrgueqr gu'ctg" wugf "vq" o gcwtg" r j { uken'cpf "ej go kcn' r tqr gtvku" qh" r ncpvct {"u{ ugo u."kpenf kpi "qwt"qy p"uqnt"u{ ugo ."cpf "kpxguki cvkpi "vj g"r qvqpcn'ht' rktg"qp"r ncpgu" qv'gt"vj cp"qtdku0J wo dnrg"vrgueqr g"vj g'qpn' "vrgueqr g"y j lej "ku'ugpf kpi "r j qvqu"vq" gctvj "vkn'pqy 0K'y cu" ugtxlegf "c" vqcn'qh' hkg"kp"ku" rktgko g0'LY UV"ku" qtdkxkpi "kp" "N4" r qukxkp0'Ur ceg"vrgueqr gu"j cxg"vj g" cf xcpwi g"qh'dgkpi "cdqxg"vj g"dnwtkpi "ghgeu"qh'vj g" Gctvj u'cvo qur j gtg0'kp"cf f kxqp."vj gtg"ctg"o cp {" y cxgnpi vj u'htqo "vj g"grgevtqo ci pgve"ur gevwo "vj cv'f q"pqv'tgcej "Gctvj "dgecwug"vj g {"ctg"cdugtgdg"qt" tghgevgf "d {"vj g"Gctvj u'cvo qur j gtg0'Vj gtg"ctg" f khtgtpv'v' r gu"qh"vrgueqr gu"vq"o gcwtg"egtckp"vj kpi u' rktg"Z/tc {"u" "I co o c'tc {"gve0CwtqUcv'ku'kpf kc'u'htuv'f gf kecvgf "o vnk/y cxgnpi vj "ur ceg"vrgueqr g0'Vj gug" vrgueqr gu"j gr "wa"vq"npqy "cdqw"vj g'gzqr ncpgu."r vinctu."P gdwru."Cwgtqkf u'cpf "Drcenj qrgu"vq"uwf {" vj gk'eqo r qukxkp"cpf "cdvpcpeg"qh' rktg0'

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CARBON TRADING

*Thirusarabesh S S, Visagan G, Karthik G, Kaushik S D*

*TODMOGpi kpggt kpi "Eqmgi g".Mxxt ckr gwck Vj kt wxcmwt "F km kev.Vc o kpcf w.kpf k "*

"

#### ABSTRACT

Vj g'r tguupi "kuwg"qh'erko cvg'ej cpi g'pgeguukcvgu'ko o gf kcvg'cvgpvkqp."cpf "tgf vekpi "ectdqp"go kukqpu" ku'c"etkkekri'ugr "vqy ctf u'o kki cvkpi "ku'f gxcucvkpi "ko r cevU'Vj g"Rctki"Ci tgggo gpyu'i qcn'qh'rko kki " i mdcnly cto kpi "vq"307Æ"cdqyg'r tg/kpf wutkcn'lgxgn'ecp"qpn{ "dg"cej lgxgf "vj tqwi j "c"eqpegtvgf "ghqt'vq" vcpukvkqp"vq"c"mgy /ectdqp"geppqo {0Vj ku'eqphgtgpeg"clo u'vq"dtkpi "vqi gj gt"gzr gt u'ltqo "f kxgtug"hgri u' vq"fkuewu"vj g'rvgu'tgugctej . "vej pqmi kgu "cpf "r qnleku'f tkkpi "vj g'tgf vekqp"qh'ectdqp"go kukqpu"

Vj g'eqphgtgpeg'y kni'f grxg"kvq"vj g'eqo r rnzkkgu'qh'ectdqp"go kukqpu "gzr mtkpi "vj g'kvgr r { "dgy ggp" gpgti { "u{ ugo u "vcpur qt cvkqp."kpf wut { ."cpf "rcpf "wug0Mg{ "vj go gu'y kni'kpenf g'vj g"tqrq"qh'tgpgy cdng" gpgti { "uqtegu" gpgti { "uqtci g."cpf "i tkf "tguklgepeg"kp"rcelkcvkpi "c"mgy /ectdqp" gpgti { "vcpukvkqp0Vj g" r qvgpvcn'qh'grvckh'ecvkqp"qh'vcpur qt cvkqp."ectdqp"ecr wtg"cpf "wktk cvkqp."cpf "uwvckpcdng"rcpf "wug" r tcevlegu'y kni'cnq"dg"gzco kpgf 0

Kp'cf f kvkqp"vq"vej pqmi kekri'cf xcpago gpw "vj g'eqphgtgpeg'y kni'qewa"qp"vj g'etkkekri'tqng"qh'r qnle { "cpf " i qxgtpcpeg"kp"f tkkpi "vj g'vcpukvkqp"vq"c"pgv| gtq"geppqo {0Kp'vgtpcvkpcn'eqqr gtcvkqp."ectdqp"r tkekpi . " cpf "i tggp'hpcpekpi "o vej cpluo u'y kni'dg'f kuewugf "cu"guugpvcn'eqo r qpgpvu'qh'c'eqo r tgj gpukxg'utcvgi { " vq'tgf weg"ectdqp"go kukqpu"

Vj g'eqphgtgpeg'y kni'hcwgt'ng{ pqv'r tguupvkqp "r cpgrf kuewukqpu "cpf "vej plecn'ugukqpu "r tqxkf kpi " c"r rvhqt "ht"mpqy ngf i g'uj ct kpi . "eqmcdqtcvkqp."cpf "pgvy qtnkpi "co qpi "ucngj qrf gtu'ltqo "cecf go k." kpf wut { ."i qxgtpo gpv."cpf "elxki'qekgv 0D{ "hqvgt kpi "c"o wmk k'ekr rkpt { "f kmqi wg. "vj ku'eqphgtgpeg"clo u' vq"kf gpvkh' "uecn'dng"uqnvkqpu."ceegrtcvg'kppqxcvkqp."cpf "kphqto "gxkf gpeg/dcuqf "r qnle { o cnkpi "vq"o ggy" vj g'wti gpvej cngpi g'qh'erko cvg'ej cpi g'0

**Keywords:** "Ectdqp" go kukqpu. "erko cvg'ej cpi g." mgy /ectdqp" geppqo { ." gpgti { "vcpukvkqp." uwvckpcdng" f gxgnr o gpv." r qnle { " cpf " i qxgtpcpeg0

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### FINTECH AND FINANCIAL INCLUSION: THE INFLUENCE OF TRUST, SECURITY, AND DIGITAL LITERACY IN EMERGING MARKETS

Amritha.L.J

*Ciukwcpv'Rt qhguqt. 'Hc ewn' qh'O cpci go gpv'cpf "eqo o gteg. 'UTO 'Wpkxgt uk'. 'F gj k/PET. 'Uqpr cv. ' J ct {cpc. 'Kf k"*

#### ABSTRACT

Gzr nqt kpi "vj g'r qvqpvkcn'qh'hkpcpekn'vgej pqmji { "HkVgej "+vq'r tqo qvg'hkpcpekn'kpenwukqp'ku'vj g'clo "qh" vj ku'tgugctej 0Vj ku'uwf { "eqpegpwcvgf "qp'wvf gtuwcpf kpi 'y j { 'r gqr mg'wug'HkVgej "cpf 'j qy 'k'chgevu'vj gk" ceegu'vq'hkpcpekn'ugtxlegu'd { "cnkpi 'kpvq'ceeqp'v'vj g'o gf kcvkpi 'tqng'qh'f ki kcn'hkpcpekn'ikgtce { "cpf 'vj g" o qf gtcvki "ghge'v'qh'r gteglxgf "tgi wrcvt { "uwr r qt'0' Vj ku'uwf { "wugf "r ct'kcn'ngcu' us wctgu' utwewt'cn' gs wcvkqp'o qf gtrkpi "RNU/UGO '+hqt'vgukpi 'vj g'tgugctej "o qf gr'd { "eqngcvkpi "f'cvc'htqo '82: "HkVgej "wugtu" k'k'f k'0'Vj g'tguwu'tgxgcnf "vj g'tqng'qh't'wuw."ugtxleg's wcrk'f. "cpf "r gteglxgf "ugewtk'f "ctg'guqpvkcn'k'p" r tqo qvki "vj g'wark'cvkqp"qh'HkVgej "ugtxlegu'0'Vj ku'uwf { "cnq" f go qpwtcvgf "vj cv'HkVgej "r qukkxgn' " ko r cevu'hkpcpekn'kpenwukqp." o cnkpi "k'gculgt" hqt "k'f k'kf wcu" vq" i gv'kpvq" hqto cn'hkpcpekn'ugtxlegu' Hw'vj gto qtg. "f ki kcn'hkpcpekn'ikgtce { "go gti gf "cu'cp" ko r qt'wcv' o gf kcvq" dgwy ggp'HkVgej "wug" cpf " hkpcpekn'kpenwukqp'0'Vj g'tgugctej "cnq"eqphkto gf "vj cv'r gteglxgf "tgi wrcvt { "uwr r qtv"

j cu'c'uki p'k'k'ecpv'o qf gtcvki k'p'hw'peg'qp'vj g'tgr'v'k'p'uj kr "dgwy ggp'HkVgej "cpf "hkpcpekn'kpenwukqp'0'Vj ku' t'gugctej " y qwf " eqp'k'dwg" vq" cf xcpkpi " vj g'q'g'v'k'cn' h'ico gy qtmu" cpf " qh'gt" r tce'k'cn' cf xleg" hqt" r q'k'le { o cmgtu"cpf "HkVgej "eqo r cp'k'gu'vq" o cmg'hkpcpekn'ugtxlegu'o qtg'k'penwukg'0'

**Keywords:** "HkVgej "hkpcpekn'kpenwukqp="f ki kcn'hkpcpekn'ikgtce { "r gteglxgf "tgi wrcvt { "uwr r qtv"

"

"

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## ANIMAL SCIENCE

<sup>1</sup>Pratishtha Thakur, <sup>1</sup>Vinod Kumar

<sup>3</sup>Uvij cpv'Wpkxgtukv'I wti tco.'J ct{cpc."Kpf k"

<sup>4</sup>Cuuqekcvg'Rtqlguuqt.'UqJ CU'I 'F'I qgpn'Wpkxgtukv'I wti tco.'J ct{cpc."Kpf k"

### ABSTRACT

Vj g'uwf {"qh'cpko cni'pwtkkqp"rnc{u"e"etkklcn'tqng"lp"gpj cpekp "rxguqen'r tcf wekkv{."j gcnj ."cpf "y ghtctg' Vj ku" tgugctej " kpxguki cvgu" vj g" ghgeu" qh' xctkqu" fkgvct{" uwr r ngo gpw" qp" vj g" i tqy vj " r gthqto cpeg."ko o wpg'tgur qpug."cpf "qxgtenlj gcnj "qh'two kpcpv'rxguqen'0C"eqo r tgi gpukg"tgxlgv "qh" ng{"pwtkgpw."kpenf kpi "rtqvgku."xkco kpu"cpf "o kpgtcn."j ki j rki j u'vj gk"eqvtdwkkpu"vq"qr vko k kpi " hggf "ghhkgpe {"cpf "ko r tqxkpi "o kmf {"krf "lp"f ckt {"ecwng'0C'f kkkpccm{."vj g'uwf {"gzi rqtgu'vj g'r qvgpvkn' dgpghku"qh'kpeqtr qtcvki "pcwtcn'cf f kkgu"rkn" r tqdkvku."r tgdkvku"cpf "j gtdcn'gz vcew"vq"tgf weg" tgrkpeg"qp"u{pvj gve'cpvdkvku"cpf "r tqo qvg'uwvckpcdn'rxguqen'htco kpi 0Wukpi "c"eqvtqngf "hggf kpi " vkn"y g"cpcn{| gf "i tqy vj "tcvgu."hggf "eqpxgtukap"tcvku"cpf "ko o wpg"o ctngtu"lp"cpko cni'tgegkxkpi " f khtgtpv'f kv' hqto wcvkpu'0Rtgrko kpcct {"tguwru" kpf kcvg" vj cv'pcwtcn' uwr r ngo gpw" ecp" uki pkkcpcv{ " gpj cpeg"i tqy vj "r gthqto cpeg"cpf "ko o wpg"tgukdpeg."tgf vekpi "f kugcug"r tgcrgpeg"cpf "o qtvrkv{ "tcvgu' Vj ku'tgugctej "wpf gtueqtgu'vj g'ko r qtvcpeg'qh'dcncpegf 'pwtkkqp'lp'cpko cni' tcf wekkv{u' ugo u' r tqxk kpi " kuki j u'vj cv'eqwf "ckf "lp"vj g'f gxmqr o gpv'qh'o qtg'uwvckpcdn'cpf "ghhkgpv'hggf kpi "utcvgi kvu'lp"vj g' rxguqen'kpf wut {0

**Keywords:** "Cpko cni'P wtkkqp."Ko o wpg"tgukdpeg."O qtvrkv{ "Tcvgu."Hggf "Eqpxgtukap"Tcvku'0

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ANTIOXIDANT ACTIVITIES AND ELEMENT CONTENTS OF *PANUS CONCHATUS* *PANUS CONCHATUS*'UN ANTİOKSİDAN AKTİVİTELERİ VE ELEMENT İÇERİKLERİ

Ayşenur GÜRGEN "

F10' t00/ guk "Quo cpkğ g'Mqtmw' Cxc 'Cp kxgt ukxguk 'O Āj gpf kxkxkxg' F q c 'Dkko rgt k' Hc nĀwguk 'Gpf Āum k'  
O Āj gpf kxk k'D' nĀo Ā. 'Quo cpkğ g. 'VĀtnkğ g"  
QTEK' 'K' < j wru- lqtelğ Qti D222/2224/4485/9545"

#### ÖZET

O cpvctret "gunk' vctkj rgtf gp" dgtk' hctm, "co c±ctrc "kpucprctc" j k o gv' gvo gmgf kt0 Dgung { lek' 34 grnkmgk' pgf gpkğ rg'kpucprct 'o cpvctret, "f kğ gv'nkugrktkpk'xc| i g±kro g| k'j cnkg"i gvkto k vt0Dgung { lek'34 grnkmgk kpk' { cp, 'u,tc'dk±qno cpvct vĀĀpĀp'v,ddk'c±f cp'f c'qif wnc'34pgo rkr qcpukğ grkpk'qrf w wdkkpo gmgf kt0Dw' ner uco f c"±cn, o co, | f c"Rcpwu'eqpej c wu' \*Dwn0' H0wp" cpvkqmk cp"cmkxkguk' xg" grgo gpv' k±gtkmgk' dgkrngpo k vt0'Dw'co c±ctrc "o cpvct, p" gvepqn'34 ĀĀĀ uqzj rnv'elk c|, "m±ncp,rcn'grf g" gf kno k vt0'O cpvct" 34 ĀĀĀpĀp"cpvkqmk cp"r qcpukğ grk'Tgn'Cuuc { "VCU'xg"VQU'nkugrkt'kg"34±Āf Ā0'Grgo gpv' k±gtkmgk' { c " {cno c"o gvqf wwp'ctf, pf cp"cvqo kn'edugtdukğ qp"ur gmtqhqvqo gv'gukpğ g"dgkrngpf k0' [ cr,rcp"cpckğ rgt" uqpwepf c"o cpvct, p" gvepqn'34 ĀĀĀpĀp" VCU'f g gtk'6579Ā206: "o o qnlN. "VQU'f g gtk'90324Ā2097" Ūo qnlN" xg" QUK f g gtk'2085Ā2023" qmctn' dgkrngpo k vt0' Hg' k±gtk k' 65; 037037034. "O p" k±gtk k' 3: 06Ā20 4. "P k'k±gtk k'50 8Ā2003. "Et' k±gtk k'3904Ā20; . "Ef' k±gtk k'20 4Ā20; . "E w'k±gtk k'343027040; . " \ p" k±gtk k' 74089030 8" xg" Rd" k±gtk k' 7045Ā206: "o i lni " qmctn' dgkrngpo k vt0' Dw' ner uco f c" RO' eqpej c wu'wp"cpvkqmk cp"r qcpukğ grkpk'qrf w wĀ 34Āo Ā vĀ0"

**Anahtar Kelimeler:** "Cp vkqmk cp. "grgo gpv. "Rcpwu. "Rqn' r qtcrgu. "V, ddk'o cpvctret"

#### ABSTRACT

O wuj tqgo u'j cxg" ugtxg' "r gqr ng" hqt "f khtgtpv' r wtr qugu" ukpeg" cpekgpv' vko gu'F wg" vq" vj gk' pwtkkqpcn' r tqr gt vgu "r gqr ng" j cxg" o cf g" o wuj tqgo u'cp' kpf kur gpucdng' r ctv'qh' vj gk' f kv' rkuu'0' k' cf f kkkp' vq" vj gk' pwtkkqpcn' r tqr gt vgu. "k' ku' nqy p" vj cv' o cp { "o wuj tqgo "ur geku" j cxg" uki pkkcpv' o gf lecn' r qvgpv' k'0' k' vj ku' eqpvz. " vj g" cpvkz kf cpv' cev' xk' { " cpf " grgo gpvcn' eqpv' qh' Rcpwu' eqpej c wu' \*Dwn0' H0' y gtg" f gvto kpgf 'kp' qwt' uwf { 0Hqt' vj ku' r wtr qug. "gvj cpqngz' tcev' qh' vj g' o wuj tqgo "y cu' qdvc' kpgf "wukpi " c' Uqzj rnv' cr r ctewu' Vj g" cpvkz kf cpv' r qvgpv' k' qh' vj g' o wuj tqgo "gz' tcev' y cu' o gcuwtg' "y kj " Tgn' Cuuc { "VCU' cpf " VQU' nku'0' Grgo gpvcn' eqpv' y gtg' f gvto kpgf "d' { "cvqo le' cduqtr v' kpp" ur gev' qr j qvqo gvgt' chgt' vj g' y gv' eqo dwukpp' o gvj qf 0Cu' c' t' guwn' qh' vj g' cpcn' | gu " vj g' VCU' xcnwg' qh' vj g' gvj cpqngz' tcev' qh' vj g' o wuj tqgo " y cu' f gvto kpgf " cu' 6579Ā206: "o o qnlN. "VQU' xcnwg" cu' 90324Ā2097" Ūo qnlN" cpf " QUK xcnwg" cu' 2085Ā20230Hg' eqpv' y cu' f gvto kpgf " cu' 65; 037037034. "O p" eqpv' cu' 3: 06Ā20 4. "P k' eqpv' cu' 50 8Ā2003. "Et' eqpv' cu' 3904Ā20; . "Ef' eqpv' cu' 20 4Ā20; . "E w' eqpv' cu' 343027040; . \ p' eqpv' cu' 74089030 8' cpf " Rd' eqpv' cu' 7045Ā206: "o i lni 0' k' vj ku' eqpvz. "k' y cu' qdugt xg' " vj cv' RO' eqpej c wu' j cu' cpvkz kf cpv' r qvgpv' k'0"

**Keywords:** "Cp vkz kf cpv. "grgo gpv. "Rcpwu. "Rqn' r qtcrgu. "O gf lekpcn' o wuj tqgo u"

TATLI SU EKOSİSTEMLERİNDE SU KALİTESİNİN BELİRLENMESİ İÇİN DİYATOME  
İNDEKSLERİNİN KULLANIMI  
THE USE OF DIATOM INDICES FOR DETERMINING WATER QUALITY IN  
FRESHWATER ECOSYSTEMS

Ömer LEKESİZ<sup>1</sup>

<sup>3</sup> t0l 3/40F t. "Quo cplk'g'Mqt mw/Cvc ©plxgt ukvguk'OĀj gpf kurkn'xg'F q c'Dkko rgt KHC nĀnguk'Dk'qrqk'  
D/4Āo Ā. "Quo cplk'g. "VĀtnk'g0'

<sup>3</sup>QTEK'KF <j wr u-llqt elk Qiti I'2222/2225/4; : 4/2358

"

ÖZET

F k'cvqo grgt."cvn"uw'gnqukungo rgtk'p'gnqurqkn'f wtwo wpw'dgrktngo gf g'ntkkn'dk'dk'qrqkkn'i 3/4vgti g'  
qrctcn' 3/4pg" ±no cmcf,t0' Uvevni' gnqukungo rgtf gnk' ±gxtgugn' f g k lo rgtg" f w'ctn,nmct," pgf gpk'rg."  
f k'cvqo grgt'uw'nckgukp'k'ngpo guk'xg'w'wp'xcf grkf g k lo rgtk'v'gur k'kp'f g'i Āxgpk'k'dk'ctc±v,t0C {t,ec"  
f k'cvqo grgtk'j gt'dk'vĀĀ'dguk'w'rc,pc'net , 'hctm,"vqrctcpcuc"ucj kr vt "Cxtwr c"Uw'Y gt±g'xg'F k'gmkk'  
\*Y HF + " i kdk' f Ā'gprigo grgt" ncr uco ,pf c." { Ā'g { " uwrt,p,p" gnqurqkn' f wtwo w' dk'qrqkkn' nko { cucn' xg"  
j k'f t qo qthqurqkn' dk'g gprgtg" i 3/4g" f g gtrngf k'ko gmgf k't0' Dw' f g gtrngf k'to gf g" dk'qrqkkn' nckg"  
dk'g gprgtk'p'gp" dk'k' qrcp" f k'cvqo grgt." ±gxtgugn' f g k lo rgtg" xgtf kmgtk' j ,| n" { cp,v' uc { guk'p'f g" uvevni'  
gnqukungo rgtk'p'gnqurqkn' f wtwo w'pw' dgrktngo guk'p'f g" 3/4pg" ±n'p' dk' " tqn' Āwngpk' (Hk' kmgn' xg" nko { cucn'  
3/4Āo rgt' { cp,| ec" o gxew' uw' wp' cpn,n' nckgukp' { cpv,v'ngp." f k'cvqo " k'p' gmurtk' gnqukungo rgtf gnk'  
nckk'k' k'w' wp'xcf grk'qrctcn'k' ngo g'ko m'p,"uc rct0F k'cvqo grgt'±gxtgugn' f g k lo rgtg'j ,| n" v'gr nk'xgtf kmgtk'  
k'k'p."dgrkt'k'dk' f 3/4pgo "k'k'p'f g'uw'nckgukp'f g'o g { f cpc'i g'g'p'f g k k'kmgtk'f c'j c'i Āxgpk'k' " gnkf g'qtvc { c"  
nq { ctret0Mko { cucn' 3/4vgo rgt' { cp,| ec"q'cp' cn'k'k'ng'v'k'k'p'xctn ,p,"gur k'v'gf gtrngp." f k'cvqo "k'p' gmurtk'  
uw'nĀngukp' i g'p'gn'gnqurqkn' f wtwo w'j cmm'p'c'dkn' k'xgtk' (F k'cvqo "k'p' gmurtk'p'mwrc,p,o , "c { t,ec" j ,| n."  
gnqurqkn' xg" r'ctvkn' qm cu, { r" 3/4pg" ±,net0' Mko { cucn' cpcrk' rgt' r'c'j cn' " gnk'o cp" xg" w' o cpn,n'  
i g'gmktgd'k'k'ngp." f k'cvqo grgt" f q cn'qrctcn'uw'vni'gnqukungo rgtf g" dw'wpw' " xg" nqrc { ec" 3/4pgm'p'g'dk'k'0'  
F k'cvqo grgt."v'q'k'kn' f wtwo . 'r J "ugxk'f guk'xg'qti c'pkn' b' cf f g'i kdk'uw' wp'gnqurqkn'nckgukp'g'v'ng' { gp'dk'±qni'  
hcm'3/4g'net , " f w'ctnf ,t0'Dw'3/4 grnkmtk'uc { guk'p'f g' f k'cvqo g'k'p' gmurtk'j go " ncr uco n" dk'qrqkkn'dkn' k'  
uc rct'j go " f g'uw'gnqukungo rgtk'p' uĀf Ā'Āngdk'k' { 3/4pgko k'p'f g'ntkkn'dk'ctc±'qrctcn'nc'dw'ng' k'k'0'

Anahtar Kelimeler: "F k'cvqo grgt."cnctuwrt. "k'p' gm. "uw'nckguk'0'

ABSTRACT

F k'cvqo u" ctg" c" etk'k'ecni' dk'qmi k'ecni' k'p'f k'cvqt" hqt" f g'vgt'o k'p'k'p'i " vj g" geqmi k'ecni' ucw'u" qh' lt'guy y cvgt"  
gequ'ungo u0'F w'g"v'q"vj gk'ug'puk'xk'k'v' "v'q"gp'xk'qpo g'pvcn'ej cpi gu'k'p"cs w'v'k'e"gequ'ungo u" f k'cvqo u"ctg" c"  
t'g'k'cdrg"v'q'q'nh'qt"o q'p'k'q'k'p'i "y cvgt"s w'v'k'v' { c'p'f "f g'v'g'v'k'p'i "n'p'i /v'g'to "ej cpi gu'0'k'p'c'f f k'k'q'p."g'cej "ur'g'el'gu'q'h"  
f k'cvqo u" j cu" f k'h'g'g'p'v' v'qrctcpeg"v'q" p'w'k'p'v' uc'm0' W'p'f gt" t'gi w'v'k'q'pu" uwe'j " cu" vj g" G'w'qr g'cp" Y cvgt"  
H'co gy q'tni'F k'g'v'k'xg'\*Y HF + "v'j g'geqmi k'ecni'ucw'u'q'h'uw't'c'g'v'y cvgtu'ku'cu'gu'ug'f "cee'q't'f k'p'i "v'q"dk'q'q'i k'ecni'  
ej go k'ecni'c'p'f "j { f t'qo q'tr'j q'mi k'ecni'eqo r'q'p'g'p'u0'F k'cvqo u" "q'p'g'q'h'v'j g"dk'q'q'i k'ecni's w'v'k'v' "eqo r'q'p'g'p'u"k'p"  
vj ku'cu'gu'uo g'p'v.'r'nc' { c'r' t'qo k'p'g'p'v't'q'ng'k'p'f g'v'g'to k'p'k'p'i "vj g'geqmi k'ecni'ucw'u'q'h'cs w'v'k'e"gequ'ungo u'v'j c'p'mi"  
v'q"v'j gk' "ter'k'f "t'g'ur'q'p'ug"v'q"gp'xk'q'po g'pvcn'ej cpi gu'0'Y j k'g"r'j { u'k'ecni'c'p'f "ej go k'ecni'o g'c'uw't'go g'p'u"q'p'n' "  
t'gh'g'ev'v'j g"ko o g'f k'v'g"s w'v'k'v' { q'h'v'j g'c'x'c'k'cdrg"y cvgt." f k'cvqo "k'p'f k'egu'r' t'q'x'k'f g'n'p'i /v'g'to "o q'p'k'q'k'p'i "q'h"  
r'q'm'w'k'p'k'p'gequ'ungo u0'U'k'p'eg" f k'cvqo u't'g'ur'q'p'f "ter'k'f n' "v'q"gp'xk'q'po g'pvcn'ej cpi gu' "v'j g' { "o q'tg't'g'k'cdn' "  
t'g'x'g'cn'ej cpi gu'k'p'y cvgt"s w'v'k'v' { q'x'g't'c'r' g't'k'q'f "q'h'v'ko g0'Y j k'g"ej go k'ecni'o g'v'j q'f u'q'p'n' "f g'v'g'ev'v'j g'r' t'g'ug'peg"  
q'h'r'q'm'w'p'u'c'v'j g'o qo g'p'v." f k'cvqo "k'p'f k'egu'r' t'q'x'k'f g'k'p'q'to c'v'k'p'q'p"v'j g'q'x'g't'c'n'geqmi k'ecni'ucw'u'q'h'v'j g"  
y cvgt"dqf { 0'Vj g" w'ug"q'h'f k'cvqo "k'p'f k'egu'ku'c'nu'q"ej c't'c'ev'g't'k'f g'f "d' { "dg'k'p'i "h'cu."geq'p'qo k'ecni'c'p'f "r' t'c'ev'k'ecni'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Y j krg'ej go keci'pcn{ ugu'ecp'tgs wkt'g'zr gpuk'g'gs wkr o gpv'cpf "gzr gt wkg. f kvqo u'ctg'pcwtcm{ 'hqwpf 'kp" cs wvle"gequ{ ugo u'cpf "ecp"dg"gcukn{ "uco r rnf 0'F kvqo u'ctg"ugpuk'g"vq"o cp{ "hcvqtu"vj cv'chgev"vj g" geqmi keci's wcrk{ "qh"y cvgt." uwej "cu" vqr j ke" ucvg." r J " rxxgn'cpf " qti cple"o cwtg0' Vj cpmi" vq" y gug" ej ctcevgtkueu." f kvqo " kpf kegu" r tqxf g" eqo r tgi gpuk'g" dkqmi keci' kphqto cvkqp" cpf " ctg" eqpukf gtgf " c" etk'keci'vqqr'kp'vj g'uwuckpcdrp"o cpci go gpv'qh'cs wvle"gequ{ ugo u0'

**Keywords:** 'F kvqo u.'twppkpi "y cvgtu."kpf gz."y cvgt's wcrk{ "

"

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#### İSKENDERUN LOJİSTİK ŞİRKETLERİNE “ŞİKAYET VAR” SİTESİ ÜZERİNDEN SON ALTI AYDA PAYLAŞILAN ŞİKAYETLERİN İNCELENMESİ

Özgecan BÜLBÜL

| kccv'Dcpcncu." ungpf gtwp" wdguK QTE F PQ<222; /222: /265: /63: 5"

Doç. Dr. Emine Vasfiye KORKMAZ

ungpf gtwp"Vgnpknl©pkxgt ukvguk" Q DDH QTE F PQ<222/2223/9424/8: 6; "

#### ÖZET

G/Vlectgv'xg'o qdki'w{i wco crctf c"qtvc {c"±,ncp"i grk o grgt "xg"r cpf go k'uÄtgek{rg"o Ä vgtkgtkp"cn xgtk " cn ncpcnmet,p,p"fg ko guk"nqlkuknl'ugm<sup>3/4</sup>ÄpÄ"gvkgo k vkt0'[ c cpcp"dw"i grk o grgt"uqpwew"<sup>3/4</sup> grnkmg" nqlkuknl'ugm<sup>3/4</sup>Äpf gnk'htk crct,p,p'k rgo "j celo rgt'ktwo , .dw'f wtwo 'ugm<sup>3/4</sup>g" {gpk'htucvct'nc| cpf ,t,tngp." f c ,v,o "uÄtg+rtkpg"kk nkp"j gt"vÄnÄ"nqpwppw" utcvglknl qrtctnl'grg"cnpo cu,p,"i Äpf go g"i gvkt o k vkt0' F c ,v,o "uÄtg+rtkpg"kk nkp=j k o gv'ncrksguk'fk'cv'vgnpqmlk'o Ä vgtkgt'kg'mwtwcp'krvk ko ."o Ä vgtkgtkp" kuvm'kj vk{c±'xg" knc {gvgtkpkp" {<sup>3/4</sup>pgvko kpg'kk nkp'dkt±qnl'nqpwppw"utcvglknl'ncprco f c"grg"cnpo cu,<sup>3/4</sup>pgo rk' j crg"i grk vkt0'Dw'±cn o cf c"Ämgo k f g" utcvglknl' dkt<sup>3/4</sup>pgo g"ucj kr "qrncp"nqlkuknl'ugm<sup>3/4</sup>Äpf g."j k o gv' ncrksgukpk'kf kg vktko guk'xg'uÄf Ä Ängdktrk kpk'uc rcpo cu,pf c<sup>3/4</sup>pgo rk'dkt"nqpw'qrncp" km-{gv'nqpwaw" ungpf gtwp'cnk'htci q" kngvgtk<sup>3/4</sup>pgmgo kpf g'grg'cnpo , vt0' ungpf gtwp'cnk'vÄngvlekrtp'ucp'cnk'c {f c" \*O c {,u'Gnko .4246+'dwhcti q" kngvgtkpg'kk nkp'ö knc {gvxct@eqo Öt'ö'ukvgukpg'krvkmgtk' knc {gvgtkktg'gtknl' cpcrk'k'kg"i gpgnl' dc nncctc" f<sup>3/4</sup>pÄ vÄ Ärgtgm" uqtwpnctc" {<sup>3/4</sup>pgrknl' ±<sup>3/4</sup> Äo " {qmct,p,p" qtvc {c" nq {wro cu," j gf ghgpo k vkt0'

Anahtar Kelimeler<UÄf Ä Ängdktrk'tgnrdgv'htci q."o Ä vgtk' km-{gvk'utcvglknl' {<sup>3/4</sup>pgvko "

#### ABSTRACT

Vj g" f gxgnr o gpwu"kp" g/Eqo o gteg" cpf " o qdkg" cr r rlec'vqpu" cpf " vj g" ej cpi kpi " uj qr r kpi " j cdku" qh' ewuqo gt u" y kj " vj g" r cpf go ke" r tqeugu" j cxg" chgevgf " vj g" nqi kuleu" ugevqt0' Cu" c" tguwn' qh' vj gug" f gxgnr o gpwu."vj g"vcpuce'vqpxqno gu'qh'eqo r cpkgu"gur gekcm' kp'vj g'nqi kuleu'ugevqt."j cxg'kpetgcugf." y j lej "j cu'dtqwi j v'pgy "qr r qtwpkkgu"vq"vj g"ugevqt."y j kg"utcvgi lecm' {cf f tguukpi "cm'nkpf u'qh'kuwgu" tgrv'gf "vq" f kmtkdwkqp" r tqeguugu0' T grv'gf "vq" vj g" f kmtkdwkqp" r tqeguugu="k'j cu" dgeqo g" ko r qtvcpv'vq" cf f tguu" o cp { "kuwgu" tgrv'gf "vq" ugtxleg" s wcrkv' . " r tleg. " vgej pqmji { . " eqo o wplec'vqp" y kj " ewuqo gt u" o cpci go gpv' qh' ewuqo gt u) tgs wguu. " pggf u" cpf " eqo r rckpw" kp" c" utcvgi ke" ugpug0' kp" vj ku' uwf { . " vj g" eqo r rckpv'kuwg. " y j lej "ku'cp'ko r qtvcpv'kuwg"kp'vj g'nqi kuleu'ugevqt. " y j lej "j cu'c' utcvgi ke'ko r qtvcpeg'kp" qwt" eqwpt { . " ko r tqxkpi " vj g" s wcrkv' " qh' ugtxleg" cpf " gpwtkpi " ku'uwu'ckpcdkrkv' . " y cu' eqpukf gtgf " kp" vj g" uco r ng' qh' ecti q" eqo r cpkgu'kp" Kingpf gtwp0'Eqpuwo gt u'kp" Kingpf gtwp" tgrv'gf "vq" vj gug" ecti q" eqo r cpkgu' kp'vj g'rcu'ukz" o qpj u" \*O c { / "Qevdgt. "4246+'ö knc {gvxct@eqo Öt'ö'k'ku'cko gf "vq" wtp'vj g'eqo r rckpw'vj g" { " uwdk'vq" vj g'ukg'kpq" i gpgtcl'j gcf kpi u'd { "eqpv'gpv'cpcn' uku'cpf "vq" t'gxgcn'vj g' uqmwkqpu'vq" vj g" r tqdrgo u0'

Key Words: Uuw'ckpcdrng'eqo r gvkkqp."ecti q."ewuqo gt'eqo r rckpv."utcvgi ke"o cpci go gpv'



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#### FARKLI SİNERLEME SICAKLIKLARINDA MGO KATKI MULLİT MALZEMELERİNİN SİNERLENMESİ DAVRANIŞLARININ İNCELENMESİ.

İsmail Topcu

*Crcp{c"Crcf kp "Mgl mülcv"©pkxgt ukşguk "OĀj gpf kurñiHcnĀnguk "O gvcñt lk'xg"O cñ go g"OĀj gpf kurk k" DĀĀo Ā."Crcp{c".Cpvcñ c.VĀt nkĀ g"*

#### ÖZET

Dw'¥ cñ o c."O wrñkçp"ukpvgrgpo gulpf g"guġt"o kmctf c"O i Q)w"vcñkĀ guk"krġ"fg k lo rġtkp"lpegrgpo gukpk' kġto gmgf k00 wrñk/pwo wpggrtkpf g" 2.5"xg" 2.6"ç ,tnñıqtcp,pf c'hævñ"b cff gukñıucpvtcu{ qmct,"gıf g" gvo gñıkçp"O i Q"vcñkĀ guk"{cr,m , v,t0P wo wpg'j cıkpğ'i gvtkık "o wrñk'i 3/4f grġk'i grġpgmugñi" gñkñ'xġto g" {3/4pvo rġtk' xg" dcu,p±u,| "ukpvgrgpo g" mñrcp,rcñcnı vq| "k rgo g" {qmct,{rc" gıf g" gıf kñ k vñt' VcñkĀ grk' xg" vcñkĀ guk' "pwo wpggrt."472"O Rcf c'uq wrñk quc vññı t gurgu g"\*E R-xg"3522."3622."3722"xg"3822"Ā f g" dcu,p±u,| " ukpvgrgpo g" r ctcu gvtgrġk' wı i wrcpo cñı uxtgk' krġ" lo cırcvct" i gt±gmg vñkñ k vñt' [ cr,rcp" vcñkĀ grġ"" "c ,tnñıqtcp,pc"i 3/4g"{cr,m , v,t0¥ cñ o co ,| f c"" 2.5"xg" 2.6"ç ,tnñıqtcp,pf c"O i Q" mñrcp,m , v,t0' Tg±gvuk' j c| ,trcp,r" o gñrcpñı cñc ,o rcpf ,to c" .mñr rño c" xg" dgrġrġpgp" ukpvgrgpo g" {3/4pvo kpğ"i 3/4g" Ā g vñk k " qrcp"" pwo wpggrtkp" {q wprññı j gucr rño cñt," {cr,m , v,t0' O i Q" VcñkĀ grk' O wrñk/O i Q"pwo wpggrtkp"{q wprññı ,xg"vcñkĀ guk' "O wrñk"pwo wpggrtkp"{q wprññı ,j cuucu'vgtc| kf g" vñkñ rñmg" lpegrgpo k vñt' [ q wprññı j gucr rño c" k rgo rġtkpçp" ctf,pf cp" pwo wpggrtg" ckv' c{t," c{t," mctcmgtkĀ cu{ qp"lpegrgpo grġk"UGO "Vctco c"Grgmıqp"O kñtqunıdwı"mñrcp,rcñcnı"lpegrgpo k vñt' Dwtcf c" vcñkĀ grk' xg" vcñkĀ guk' " pwo wpggrtg" ckv' o kñtq{cr , " lpegrgpo grġk' {cr,rcñcnı qtvc{c" ±,rcp" htñm,ñmct" vctv , ,m , v,t0' Dgrġrġpo k " r tqugu" r ctcu gvtgrġk' ±gt±gxgukpf g" ukpvgrgpo k " pwo wpggrtkp" {q wprññı , Ct lo gv' {3/4pvo k'krġ"dgrġrġpo k vñt'UGO "pwo wpggrtk'ucpf ctv'ugtco kñı'gmpkñmgtkpğ"i 3/4g"pwo wpggrtkp" ngukrġk' r cñrcv,rcñcnı xg" vġto cñı qñtçnı c ,pf ,t,rcñcnı vcpğ" dq{wrct," j cv/nguk lo " {3/4pvo kpğ"i 3/4g" 3/4Ā Āo Ā vĀt'

Anahtar kelimeler:"O wrñk'vq| "o gvcñt lkuk"o gñrcpñı 3/4 grñmgt."ukpvgrgpo g"

"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EVALUATING THE ROLE OF INTERNATIONAL LAW IN ENHANCING WOMEN'S RESOURCE RIGHTS AND FOOD SECURITY IN DEVELOPING COUNTRIES

*Mr. Satish Kumar Singh*

*Tugctej "Uej qrcr. "Fgrctvo gpv'qhlNcy. "Egprtcn'Wpkxgtukv' "qhl'Rwplcd. "Kpf kc "*

*Mr. Sachin Singh Parihar*

*Tugctej "Uej qrcr. "Fgrctvo gpv'qhlNcy. "Egprtcn'Wpkxgtukv' "qhl'Rwplcd. "Kpf kc "*

*Mr. Sadanand Patel*

*Tugctej "Uej qrcr. "Fgrctvo gpv'qhlNcy. "Egprtcn'Wpkxgtukv' "qhl'Rwplcd. "Kpf kc "*

#### ABSTRACT

Vj g" xkcn' tqrg" vj cv' y qo gp" rnc{ "kp" r tgo qvki " hqf " ugewtkv{ " j cu" i ckpgf " o qtg" tgeqi pkkqp" ht qo " kvgtpcvkqpcn'rcy . " r ctvkwrcn{ "kp" f gxgnr kpi " eqvptkgu" y j gtg" gprtgpej gf " i gpf gt " kpgs wcrkv{ " htgs wgpv{ " tguwkcu' ceegu" vq" tguqwtegu" kpf " qtf gt " vq" cf f tgu" vj gug" f kur ct kkgu. " c" pwo dgt " qh" rgi cn' htco gy qtm' cpf " vtgcvgu. " kpenf kpi " vj g" Uuackpcdrng" F gxgnr o gprvI qcn' " UF I u" cpf " vj g" Eqpxgpvkqp" qp" vj g" Grko kpcvkqp" qh" Cm" Hqto u" qh" F kuetko kpcvkqp" Ci ckpu" Y qo gp" " EGF CY + " tgs wktg" i gpf gt / ugpukkxg" cr r tqcej gu" vq" tguqwtg" tki j vU' K' ku" ukn' pgeguct { " vq" f q" c" vj qtqwi j " cpcn{ uku" qh" j qy " y gni" vj gug" kvgtpcvkqpcn' rgi cn' htco gy qtm' hmpvkqp" vq" ko r tqxg" y qo gp" u' ceegu" vq" ci tlewnwrcn' tguqwtegu. " uvej " cu" y cvgt. " hwpf kpi . " cpf " vgej pqrqi { O'Y kj " cp" go r j cuku" qp" j qy " kvgtpcvkqpcn' rgi cn' pqtto u" ko r cev' pcvkqpcn' r rike { " kp" f gxgnr kpi " eqvptkgu. " vj ku" uwf { " gxcnvcgu" vj g" eqvptkdwkqp" qh' kvgtpcvkqpcn' rcy " vq" vj g" cf xcpego gpr' qh' y qo gp" u' tguqwtg" tki j vU' Vj g" uwf { " j ki j rki j v' vj g" eqpetgvg" ghgew" qp" hqf " ugewtkv{ " cpf " gzco kpgu" vj g" f gi tgg" vq" y j lej " pcvkqpu" j cxg" o cvej gf " vj gkt" f qo gwke" r qrlkgu" y kj " kvgtpcvkqpcn' eqo o ko gpw" vj tqwi j " c" eqo r ctvwxg" cpcn{ uku" qh' ecug" uwf kgu" O'Y g" j ki j rki j v' vj g" f khlwvku" cpf " ko r gf ko gpw. " uvej " cu" uqelgvrcn' eqpxgpvkqpu" cpf " kpcpekrcnko kcvkqpu. " vj cv' r txxgpv' vj g' cewrcnko r ngo gprvkqp" qh' vj gug" tki j vU' Vj g" tguwru" txxgn' c" eqo r ngz " tgrvkvpuj kr " dgw ggp" kvgtpcvkqpcn' rcy " cpf " pcvkqpcn' ko r ngo gprvkqp. " vj qy kpi " vj cv' y j kg" rgi cn' htco gy qtm' guwdrkuj " vj g" hqwpf cvkqp" hq" t" ej cpi g. " ghgewkxg" gphqtego gpr' tgs wktgu" utqpi " kvukwkvkqpcn' uwr r qt' v' cpf " vcti gvgf " utcvgi kgu" vq" qxgtego g" uqelqgeqpgo ke" dctlktu" O'Vj g" uwf { " u' r rike { " tgego o gpf cvkqpu" uwi i guv' utgpi vj gpkpi " kvgtpcvkqpcn' rgi kurvkqp" vq" gpuwtg" i gpf gt " gs wkv{ " kp" tguqwtg" ceegu. " c" etvckn' eqo r qpgpv' qh' uuackpcdrng" hqf " ugewtkv{ " kp" f gxgnr kpi " pcvkqpu" O' D { " erctkh{ kpi " vj gug" tgrvkvpuj kr u. " vj g" uwf { " go r j cuk' gu' utcvgi kgu" vq" uwr r qt' v' y qo gp" kp" ci tlewnwtg" cpf " f tcy u' cwgprvkqp" vq" vj g' y kf gt " tco khlcvkqpu" hq" t" vj g' y qtrf " u' hqf " u{ ugo u" }

**Keywords:** Y qo gp" u' tguqwtg" tki j vU' " Hqf " ugewtkv{ . " kvgtpcvkqpcn' rcy . " I gpf gt " gs wcrkv{ . " F gxgnr kpi " eqvptkgu



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### YÖNETİM BİLİŞİM SİSTEMLERİ ALANINDAKİ YAPAY ZEKÂ KONULU LİSANSÜSTÜ TEZLERİN İNCELENMESİ REVIEW OF THESES ON ARTIFICIAL INTELLIGENCE IN THE FIELD OF MANAGEMENT INFORMATION SYSTEMS

*Doç. Dr. Fatih Çağatay BAZ*

*Quo cplk'g'Mqt mw'Cvc'©pkxgt ukxguk "mkucf k'xg" f ctk'Drko rgt 'Hcn'nguk '[ 3/4pgvko 'Dkk ko 'Ukugo rgt k' D'4Ao A.'Quo cplk'g.'VAtmk'g"*

*QTEKF "KF <2222/2224/85; : /; : 73"*

*Kadir ULUDAĞ*

*Quo cplk'g'Mqt mw'Cvc'©pkxgt ukxguk 'Dki k' rgo 'Fckg'Dc ncpn, . 'Fckg'Dc ncpn, . 'Quo cplk'g.'VAtmk'g"*

*QTEKF "KF <2222/'2224/957; /35; 8"*

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#### ÖZET

[ 3/4pgvko 'Dkk ko 'Ukugo rgtk'dkri k'vgnpqmlkrgtk'xg'k rgo g' { 3/4pgvko k'nupwrt,p, 'dk'etc { c'i gkgtgm'dkri k' vgnpqmlkrgtk'k' rgo grt 'k'p'tgnedgv'cxcpvl, 'uc rco cf cnktqn'p'p'p' rncp'±, nctm cmcf, t0Dw'cprco f c' [ 3/4pgvko 'Dkk ko 'Ukugo rgtk'p'g. 'hctm, 'cncprtf c' i 'Apegn'nupw'de nmet, pf c' ±cn o cmt' { cr, m cmcf, t0 Gphqto cvkn' { 3/4pgvko k'p'gp' kuc'vkn' cncp, pc' nef ct' { cr, ncp' ±cn o cmtf c' ±g k'rkmg' i 3/4Ao gmgf k'0 ' | gnkmg' uqp' { , nctf c' [ 3/4pgvko 'Dkk ko 'Ukugo rgtk' cncp, pf c' r'kucpu'±cn o cmt, p' ctv, 'i 3/4vgtf k' k' dk'ko gmgf k'0Dw'±cn o cp, p'co ce, [ 3/4pgvko 'Dkk ko 'Ukugo rgtk'cncp, pf c' j c' | , trcp'p'kucpu'±cn vgl rgtf gp' [ cr c' \ gm'hupwv'v'gl rgtk'p'egrgo gmk'0Dw'cprco f c' { cr, ncp'kucpu'±cn o cmt' { 3/4pgvko 'xg'xgk'cpcrk' vgnpkn'g' c±, u, pf cp' k'p'egrgo k' v'0 ¥ cn o c' pkgn' etc v'to c' f guprgtk'p'gp' qncp' f v'wo ±cn o cu, ' f gupk'p'g' v'cncp'po, v't0 ¥ cn o cp, p' gxtgpk' 4242/4246' { , nct, ' ctcu, pf c' { c' | , ncp' [ 3/4pgvko 'Dkk ko ' Ukugo rgtk'cncp, pf c' cnk' [ cr c' \ gm'hupwv'v'gl rgtf k'0U'4 'nupwv'v'gl rgtk'p'co co, pc'w'rc , rf, , ' k'p'3/4pgmgo ' cncp'co, v't0 Xgk' v'q' rco c' c'tce, ' qrcen' { c' | , p' u, p, h'co c' h'qto w' n'wncp, m, v't0 Xgk' cpcrk' k'p' g' k'egt'k'nc'p'c'k' k'vgnp' k' h'wncp, m, v't0 C'tc v'to c' u'q'p'w'p'f c. ' w'cpc' n'ef ct' { cr, ncp' ±cn o cmt, p' c' | ' uc' | , f c' q'f w w' { cr c' | gm'hupwv'p'f c' 'A'g'v'g'p' r'kucpu'±cn o cmtf c' hctm, 'cncprtf c' etc v'to cmt, p' { cr, rf, , 'i 3/4 rgo k' v'0

**Anahtar kelimeler:** [ 3/4pgvko 'Dkk ko 'Ukugo rgtk' [ cr c' \ gm' Gphqto cvkn'0

"

#### ABSTRACT

O cpci go gpv'k'p'qto cvkqp'U' { ugo u'dtkpi u'v'qi g'v'j g' u'wldgeu'q'h'k'p'qto cvkqp'v'gej p'q'qi k'gu'c'p'f 'dw'k'p'guu' o cpci go gpv. 'cpf' j k' j rki j u'v'j g' t'q'g' q'h'k'p'qto cvkqp'v'gej p'q'qi k'gu'k'p' r' t'q'x'k' k'p' i 'eqo r' g'v'k'x'g' c'f' x'c'p'c' i' g' h'q' t' dw'k'p'guu'0'k'p' v'j k'u'ug'p'ug. 'u'w'f' k'gu'c't'g' e'c't't'g'f' 'q'w'q'p' e'w't't'g'p'v'q'r' k'eu'k'p' f' k'h'g't'g'p'v' h'g'f' u'k'p' O cpci go gpv' k'p'qto cvkqp'U' { ugo u'0F' k'x'g't'uk'v' { 'k'u'g'g'p'k'p' u'w'f' k'gu'lt'qo 'k'p'qto cv'k'eu'0' cpci go gpv'v'q' u'c'v'k'eu'0'k'k'u'p'q'p' v'j v'c'r' qui t'cf' w'c'g' u'w'f' k'gu'k'p' v'j g' h'g'f' 'q'h'0 cpci go gpv'k'p'qto cvkqp'U' { ugo u'j' c'x'g' k'p'et'g'c'ug'f' 'g'ur' g'ek'm'f' k'p' t'g'eg'p'v' { g'c't'u'0'V'j' g' c'k'o 'q'h'v'j' k'u' u'w'f' { 'k'u'v'j' g'z'c'o' k'p'g'v'j' g'ug'u'q'p' C't'v'h'ek'n'k'p'v'g'n'k' i' g'p'eg' h'qto 'r' qui t'cf' w'c'g' v'j' g'ug'u'r' t'g'r' c't'g'f' k'p'v'j' g' h'g'f' 'q'h'0 cpci go gpv'k'p'qto cvkqp'U' { ugo u'0'k'p' v'j' k'u'ug'p'ug. 'r' qui t'cf' w'c'g' u'w'f' k'gu'c't'g' g'z'c'o' k'p'g'f' k'p'v'g'to' u'q'h'0' g'v'j' q'f' 'c'p'f' 'f' c'v'c' 'c'p'c'n'f' u'k'u'v'gej' p'k's' v'g'u'0'V'j' g' u'w'f' { 'k'u'f' g'uk' i' p'g'f' k'p'v'j' g' e'c'ug' u'w'f' { ' r' c'w'g't'p. 'y' j' k'ej' 'k'u'q'p'g' q'h'v'j' g' s' w'c'k'c'v'k'x'g' t'g'ug'c't'ej' 'f' g'uk' i' p'u'0'V'j' g' v'p'k'x'g't'ug' q'h'v'j' g' u'w'f' { 'k'u'v'j' g' r' qui t'cf' w'c'g' v'j' g'ug'u'q'p' C't'v'h'ek'n'k'p'v'g'n'k' i' g'p'eg' k'p'v'j' g' h'g'f' 'q'h'0 cpci go gpv'k'p'qto cvkqp'U' { ugo u'y' t'k'v'g'p' d'g'y' g'g'p' 4242/4246'0' U'p'eg' c'm' q'h' v'j' g' v'j' g'ug'u' k'p' s' w'g'uk'q'p' y' g't'g' t'g'c'ej' g'f. 'p'q' u'c'o' r' n'g' y' c'u' v'c'n'g'p'0' V'j' g' r' w'rd'k'c'v'k'q'p' e'rc'uk'h'c'v'k'q'p' h'qto 'y' c'u' w'ug'f' 'c'u'v'j' g' f' c'v'c' e'q'm'g'v'k'q'p' v'q'q'f'0' E'q'p'v'p'v'c'p'c'n'f' u'k'u'v'gej' p'k's' w'g' y' c'u' w'ug'f' k'p'f' c'v'c' c'p'c'n'f' u'k'u'0'c'u'c' t'g'u'w'v'q'h'v'j' g' t'g'ug'c't'ej' . 'k'v' y' c'u' d'ug't'x'g'f' v'j' c'v'j' g' p'w'o' d'g't' q'h' u'w'f' k'gu'c'q'p'f' w'c'g'f' u'q' h'c't' k'u'0' c'm' "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

cpf "t guctej gu'y gtg'eqpf wevf 'lp'xgt { 'f hgtgpv' hgnf u'lp'vj g'r qui tcf wcv'uwf lgu'r tqf wegf "qp'ctv' hlecri'  
kpvgnki gpeg'

**Keywords** <O cpci go gpv' kphqto cvkqp' U{ ugo u' Ct v' hlecri' kpvgnki gpeg. 'kphqto cvku'

"

TÜRKİYE'DE VE DÜNYA'DA İKİZ DÖNÜŞÜM ÖRNEKLERİ  
TWIN TRANSITION EXAMPLES IN TURKEY AND THE WORLD

Doç. Dr. Fatih Çağatay BAZ

Quo cpk'g'Mqt mw'Çvc "Öpkxgt ukxguk" mkucf k'xg" f c tk'Drko rgt 'Hcn'Anguk "[ 3/p gvo 'Ddk ko 'Uwgo rgt k'  
D3/4Ao Æ."Quo cpk'g."VÄtnk'g"

QTEKF "KF <2222/2224/85; : /; : 73"

Ayhan YILDIRIM

Quo cpk'g'Mqt mw'Çvc "Öpkxgt ukxguk" mkucf k'xg" f c tk'Drko rgt 'Hcn'Anguk "[ 3/p gvo 'Ddk ko 'Uwgo rgt k'  
D3/4Ao Æ."Quo cpk'g."VÄtnk'g"

QTEKF "KF <2222/'2224/5647/4298"

"

ÖZET

Uqp"l ,mctf c'j ,| n'i grk ko 'i 3/4vgtgp'vgnpqmlkgt 'kg'Gpf Ämkt60."{ cr c { | gm'xg'dk±qnl Äpegrhnpw3/pgo rk'  
j cng" i gm k vkt' ngvo grgtkp" { ,mct" k±gtkukpf grk" f g k ko k' xg" f 3/pÄ Äo Ä" vgnpqmlk' kg" w'wo "  
uc rc{cdkro grgtkpg'dc n"qrctn'i grk ko "i 3/4vgo k vkt'Vgnpqmlkpkp"3/4 grkmg" { kto kpek' { Ä { ,np"knkpek'  
{ ct,u,pf cp"kkdctgp"±qnl'j ,| n"i grk ko "i 3/4vgo guk'k ngvo grgtkp"tgmedgv'uÄtf Ätdkro grgtk'k±p"k ngvo g"  
hcrk'g'vgtkpkp'vgo grkpg'drk ko "xg"ç "vgnpqmlkgtkpk'ng{ o crct,p,"i gtgmkt k vkt' ngvo grgt'vgo gr'co c±"  
qrctn'het"grf g'gvo g{Kf Ä Äpo gmgf kngt'0Dw'co c±"k±p"Ätgvko "gupcu,pf c"mwmpf ,mct,"j co "o cf f grgtk'  
±gxtg{g" ctct'xgtgegm' gnkf g'k ng{gdkro gmgf kngt'0Dw' ctct'xgto g'tkumgtk'c{p,"| co cpf c"vqr nwo w'xg"  
i grgeg k'dÄ Än'qtcpf c"vntkg{gdkro g'r qvcuk'grkpg'ucj kr vkt'0Xctn,mct,p,"uÄtf Äto gn'kuv{gp"k ngvo grgt"  
vgnpqmlk'gpvi tcu{qpwpw'i gt±gmg vto gml' qtwpf c"nem , vto "j c{cv,p,"qno nw'dk" gnkf g'vntkg{gp"  
{ gpk'vgnpqmlkgt."±gxtg{g'xgtkpg" ctct,"o loko wo "ugxk'g{g'kpf ktp"o cn'xg"j k o gv'Ätgvko kpg"lc{f c"  
uc nwo cn'co ce,"kg"mwmp,rdkkt'0Dw'uc{gf g'k ngvo grgt'f kken'f 3/pÄ Äo "uc{gukpf g" { g knf 3/pÄ Äo g'f g"  
nvm"uc rc{cdkro gmgf k'0J gt'knk'f 3/pÄ Äo Äp'g'dkrmg'kpegrgo guk'i gtg k'Ä g'kpg."uqp"l ,mctf c"crp"  
{ c| ,p,pc"öy kp"vcpukqp"3/4knk' f 3/pÄ Äo "ö"nextco ,"i kto k vkt'xg"cnef go kn'±cn o crctc"nnpw'qno c{c"  
dc nwo , vto0Dw'±cn o cf c'knk' f 3/pÄ Äo "nextco ,p,p'vcp,o ,p,p' { cp,"u,te"VÄtnk'gof g'xg'F Äp { cdf c'qtvc{c"  
nnpwrcp" knk' f 3/pÄ Äo " 3/4pgmgtk' kpegrgo k vkt' ¥ cn o cf c" knk' f 3/pÄ Äo " kg" gpgtlk' xgtko rk k"  
{ gpkpggdkt'gpgtlk'mwmp,o , ,gpf Ämkt'gn'uÄtg±rtf g"uÄtf ÄtÄngdkrt'kn'xg'vqr nwo wp"i gpgkpf g'±gxtgug'  
dkkpek'ctvto cni kdk'±g k'k'rcprctf c'knk' f 3/pÄ Äo "3/4pgmgtkpkp'3/4'r ncp'±,nv , 'i 3/4 ngvo k vkt'0

Anahtar Kelimeler:" nk' f 3/pÄ Äo ."[ 3/p gvo 'Ddk ko 'Uwgo rgtk'F kken'xg"[ g knf 3/pÄ Äo "

"

ABSTRACT

Kp'tgegpv" { gctu "tr kf n' f gxgnr kpi "vej pqm' kgu'wej "cu'kpf wut { "60."ctv'k'ken'k'pvgnki gpeg"cpf "o cp { "  
ewttgpv'kuwgu"j cxg'dgego g'ko r qvcvp'0Vj g'ej cpi g'cpf "vcpuhqto cvkqp"qh'dwukpgu'q'xgt'v'j g' { gctu'j cu"  
f gxgnr gf "f gr gpf kpi "qp"v'j gk"cdk'k'v" "vq"cf cr v'vq"vej pqm' { 0'Vj g'tcr kf "f gxgnr o gpv'qh'vej pqm' { ."  
gur gekm' "ukpeg'v'j g'ugeqpf "j crh'qh'v'j g'y gpv'v'j "egpwt { .j cu'tgs vkt'gf "dwukpgu'v'q"dcug'v'j gk'dwukpguu"  
cev'k'k'gu'qp"lphqto cvkqp"cpf "pgy qtn'vej pqm' kgu'kp"qtf gt"vq"o clpv'k'v'j gk'eqo r gv'k'qp'0Dwukpgu'g"  
eqpuk gt'o cnkpi "r tqh'ku'cu'v'j gk'o clp'i qcr'0Hqt'v'j ku'r wtr qug.'v'j g' { "ecp'r tqegu'v'j g'tcy "o cvgtken'v'j g' { "wug"  
f wtkpi "r tqf vev'k'p'k'c'y c' { "v'j cv'y knj cto "v'j g'gp'xk'qpo gpv'0Vj g'ug'f co ci kpi "tkum'cnu'j cxg'v'j g'r qv'p'ken'  
vq"i tgcw' { "chgev'uqekv' { "cpf "v'j g'hw'w'g'0Dwukpgu'v'j cv'y cpv'v'q"eqv'k'p'v'j gk'gz'k'v'peg"j cxg'j cf "vq"  
k'v'gi cv'g'vej pqm' { 0'P gy "vej pqm' kgu'v'j cv'r qu'k'x'gn' { "chgev'dwukpguu'rk'g"ecp"dg"wg' "vq"dg'p'g'h'v'j g"  
r tqf vev'k'p'qh'i qqf u'cpf "ugt'x'legu'v'j cv'o k'p'ko k' g'v'j g'f co ci g'v'q'v'j g'gp'xk'qpo gpv'0Vj'v'j ku'y c' { . "dwukpgu'g"  
ecp'cnu' "eqp'tk'dwg"vq"i tggp"vcpukqp"v'j cp'm'v'q" f ki ken'vcpukqp'0F v'g"v'q"v'j g'pggf "vq"gz'co kpg'dqv' "

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vtcpukkkpu"vqi gj gt."j g"eqpegr v'qh'öy kp"vtcpukkkpö"j cu'gpvgtgf "vj g'rkgtcwtg"kp"tgegpv" { gctu"cpf "j cu" dgi wp"vq"dg"vj g'uwdlgev'qh'cecf go ke"uwf lgu0kp"vj ku"uwf { . "kp"cf f kkkp"vq"vj g'f ghpkkkp"qh"vj g"eqpegr v'qh" wy kp"vtcpukkkp."gzco r ngu'qh'vy kp"vtcpukkkp"r w'hqty ctf "kp"Vwtng{ "cpf "vj g"Y qtrif "y gtg'gzco kpgf 0kp"vj g" uwf { . "k'y cu"qdugtxgf "vj cv'vy kp"vtcpukkkp"gzco r ngu'eco g"vq"vj g"htg"kp"xctkqwu"ctgeu'wej "cu'gpgti { " ghkkgpe { . "tggpy cdng"gpgti { "wug."uwckpcdkk{ "kp"kp f wutkn'r tqegu"cpf "kpetgculpi "gpxkqpo gpvni cy ctgpguu"kp"uqekgv{ "kp"i gpgtcn'

**Keywords** <"Vy kp"Vtcpukkkp."O cpci go gpv"kp"htgto cvkqp"U{ ugo u."F ki kn'cpf "I tggp"Vtcpukkkp"

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#### MICROWAVE ASSISTED SYNTHESIS AND DFT STUDIES OF 1,2,4-TRIAZOLES BASED DERIVATIVES AS ANTI-CANCER AGENT

Dr. Samreen Gul Khan, Ayesha Saddiqa\*, Rahila Yasmeen and Haiqa Akmal

*I qxgt po gpvEqngi g'Wpkxgtukf 'Hckwrcdf 'Rcnkucp."*

*Hcewnf 'qhrj {ukcni'uekgpegu 'Hckwrcdf. 'Rcnkucp"*

#### ABSTRACT

Kp'vj ku'tgugcej . "Ku{pvj guk gf "c'ugtkgu'qh'pqxgn'vkl| qrg"fgtkxcvkgu'y kj "f kxgtukhgf "utvewtci'hcwvgtu' Vj g'vkl| qrg"lco kn{ "ku'npqy p"cu'c"uki p'hecpv'emuu'qh'j gvgte {erle"eqo r qwpf u'f wg"vq"vj gk"tgo ctndrg" r j cto ceqmi keci'r tqr g'vkgu"cpf "j cu'cwtcevgf "vj g'y kf g"cvgpvkgp"qh'ej go kuu'kp"vj gk"ugcej "hqt"pgy " vj g'vkl| qrg"lco kn{ "ku'npqy p"cu'c"uki p'hecpv'emuu'qh'j gvgte {erle"eqo r qwpf u'f wg"vq"vj gk"tgo ctndrg" celf "kp" vj g' r t'gugpeg" qh'c" ecvnc'vle" co qwpv' qh'o kpgtci' celf 'Vj g" guvgt "ku" vj gp" eqpxgtvgf "kpvc" eqttgur qpf kpi "j {f tc| kf g."y j lej "hwtvj gt'e {erle" gu'vq" hqto "vj g'tgur gevkg'vkl| qrg"OO letqy cxg"tcf kvkqpu" y j lej "ctg'geqhtkpgf n{ "kp'pcwtg."y g'g'wugf "hqt"vj g'hqto cvkq"qh'f guk'gf "r tqf vew'lp'i qpf " {kgrf "y kj "rguu" vko g'Vq"cuuguu'vj g'r vkwf "qh'gcej "r tqf vef "eqo r qwpf "vukpi "f k'htg'gpv'uq'rg'p'v'u' ugo u "VNE"y cu'ecttkgf " qw'qp"uk'ec'ectf u'OCej "r tqf vef "r tqf vef "kp'vj g'g'v'q'rg'p'v'u' h'c"ukpi ng"ur qv."f go qpucv'kpi "vj g'r vkwf " qh'vj g'ej go keci'Vj g'g'v'q'rg'p'v'u' h'c"ukpi ng"ur qv."f go qpucv'kpi "vj g'r vkwf " Vj g'pgy "eqo r qwpf u'ctg'w'hekgp'v'u' "ej ctcevtk'gf "d{ "ur gev'queqr ke"v'ej pks vgu'v'ng"HV/KT. "WX/xkukdrg" cpf "o qnt"eqpf vev'peg'U'etgg'kpi "qh'cm'o cpw'cewt'kpi "eqo r qwpf u'y cu'f qpg'kp'xktq"v'ej gem'ht"cpk/ cepegt" \*Nwpi u'cepegt+"cpf "cp'k/qz'kf cpv'ce'v'k'kgu'9c"cpf '9f "eqo r qwpf u'y gt'g'o qu'ce'v'kg'ht"cp'k/cepegt" \*Nwpi u'cepegt+"cpf "cp'k/qz'kf cpv'ce'v'k'kgu'cu'eqo r ctgf "v'q'v'j g'tu'f wg"vq"vj g'v'w'v'k'kg'p'qh'vj g'gf qpcv'kpi " i tqw'0"

**Keywords** <"Rleq'kple" celf ."o letqy cxg"tcf kvkqpu"j gvgte {erle"eqo r qwpf ."3.4.6/Vkl| qrg."cegco kf g." C76; "egm'kpg."m'pi "cepegt."ur gev'queqr qe"v'ej pks vgu."Kp'x'v'q'ce'v'k'kg'0

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#### THE PHARMACIST'S ROLE IN MEDICATION THERAPY COUNSELING

G. AKASHKUMAR

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#### ABSTRACT

Qdlgevkg"

Vj g" ewttgpn'ctveng"ku" clo gf "cv" kf gpnk{ kpi "vj g" dguv" r tceveg" hqt" eqwpugrki " ctqwpf " f gr tguakp" kp" eqo o wpkv{ "cpf "qwr cvkpv" r j cto celgu" tguwmpki "kp" c" f tch" i wkf grkpg. " r tqr qulpi " mg{ " ugr u" cpf " cp" cni qtkj o "hqt" kpvgi tcvkp" qh'eqo o wpkv{ " r j cto cekuu'kpq' ectg' hqt' r cvkpvu' y kj " f gr tguakp0'

O gj qf u"

C" ikgtewtg" tglgy "y cu' r gthqto gf " hmqy gf " d{ " c" f gvckgf " cpcn{ uku" hqt "vj g" r wtr qug" qh'etgcvkp" c" u' j qt v' f tch' f qewo gpn' wugf " cu" c" dcuku" hqt " etgcvkp" qh' c" i wkf grkpg" hqt " r j cto cegwlecn' ectg" hqt " r cvkpvu' y kj " f gr tguakp0' Vj g' vej pqm i kecnlej go g RTKO C' hmq " f lci tco " y cu' r r rkgf 0Vj g' r cr gt' ku' dcugf " qp' ewttgpn' npqy ngf i g. " cnkpi " kpq' eqpukf gtcvkp" citgcf { " r wdkuj gf " ctveng. " i wkf grkpgu " cpf " tgeqo o gpf cvkpvu' cdqww' r j cto cegwlecn' ectg" hqt " r cvkpvu' y kj " f gr tguakp. " i kxkpi " c" dcuku" hqt " hwt vj gt " uwwf kgu0'

T guwmi"

Vj ku' r cr gt " kpenf gu" y q" o ckp " ugevkpu" 3- " f gr tguakp " o " c" u' j qt v' f guetk vkp" qh' vj g' o ckp " u{ o r vqo u. " tkumi" hcvqtu" cpf " r j cto ceqy gtr { " i wkf grkpgu " cxckrdng " kp " Dwi ctk " ko r qt vpv" hqt " vj g" r wtr qug" qh' gpuwtkpi " s wckvkvxg' eqo o wpkv{ / dcugf " r j cto cegwlecn' ectg = cpf " 4- vj g' r j cto cekuu' tqrq' kp' r tqxkf kpi " j ki j / s wckv{ " ectg" o " vj g' o ckp " cur gevu" qh' r j cto cegwlecn' ectg" hqt " r cvkpvu' y kj " f gr tguakp " y kj " ur gekkle " gzc o r ngu0'

Eqpenwukp"

Vj g" kpxqrxgo gpn' qh' r j cto cekuu' kp" uwr r qt vki " f gr tguakp " r cvkpvu' ku" etwlecn' cnkpi " kpq" ceeqwpv' vj g" ur gekkle " ej ctcevgtku' ku' qh' vj g' r j cto ceqni kecn' tgevo gpn' f gr { gf " qpugv' qh' enkplecn' tguwmi " tkumi" kp' ecug" qh' uwwf f gp" r j cto ceqy gtr { " cdtw vkp" y kj qww' r j { ulekp " eqpuwncvkp. " o wnk r g' cf xgtug" f twi " tgecvkpu" cpf " f twi of twi . " f twi ohqf " cpf " f twi ocreqj qn' kvgtcevkpu " ge0Vj g' ewttgpn' ctveng " eqwrf " cnuq " dg " wugf " cu" cp' kpkknf qewo gpn' hqt " etgcvki " c" o gj qf qm i kecn' i wkf grkpg" hqt " r tqxkf kpi " r j cto cegwlecn' ectg " ugtxkegu" hqt " r cvkpvu' y kj " f gr tguakp0'

**Keywords:** " f gr tguakp. " f twi / tgr vgf " r tqdrgo u. " r j cto cegwlecn' ectg. " r j cto cekuu. " i wkf grkpg "

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ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### METHODS OF THE PREVENTION OF THE EMOTIONAL AND PROFESSIONAL OF ORGANIZATION OF THE SUPPORTING GROUPS BURNOUT OF SOCIAL WORKERS: INTERNATIONAL AND UKRAINIAN EXPERIENCE

*Alina Solnyshkina*

*Есрф кф сг'қһіуекқрқи кесііуекпегу. R J F ."*

*Сuuқек сг'Rt қһіуақт'қһі'г'Ej c k'qһі'уек к'н'ы qт m'срф 'o cрci go gрv'qһі'уек к'н' r t qe гуагу'"*

*Hcewn' qһі'o g' kесі'геј pqrqi kgu'qһі'F kci pqukeu'срф 'Tgј cdkkc vкp'"*

*"\*Orgu"J qpeј cт 'Fpk r q'P c vкpсn'Wpkxgt uk'f. 'Wm c k p g +"*

*QTEF' j w ru-Ақтe k f Qti D222/2224/758; /8572"*

#### ABSTRACT

Rgewіctkkgu'qһі'y g'u'pf tqo g'qһі'go qvкpсn'dwtрqw'ctg'f guetkdgf "k"y g'uelgpvkle'ctveng'u'qһі'ho qwu' Wntclpкp'uelgpvku'uweј 'cu'P cвn'c'O kqtcf qxc. 'P cвn'c'O qj { r qxc. 'P cвn'c'O Dgtg c. 'Mwј ej . 'срф 'Kkpc" Dqрctgpmq0"

Go qvкpсn'gzj cwvкp. "r tqdrgo u'y kј "j gcnј . "срф "utgu'ctg'f guetkdgf "k"y g'uelgpvkle"y qtm'ōUqekq/ r u'ej qmј kесі'hevqtu'qһі'go qvкpсn'dwtрqw'k"r gtuqppgn'qһі'k'vgtрc'vкpсn'o куkqu'k" Wntclpgō'y tkvgp" d { "K { pс'Wј c m qxc'срф "Uqmо k'c'T q j m q0"

Vj g'P c vкpсn'Cuuek vкp'qһі'Uqekn'Y qtngtu'k"y g'Wpkgf "Ucвgu'qһі'Co gtkec'wgu'y g'eqpegr v'qһі'Ugrh/ ectg'ht' uqekn'y qtngtu'cu'c'ng { 'v' r tqhgukpсn'gzegmpego"

O gy qf u'qһі'y g'r tqvекp'vј g'utgu'co qpi "uqekn'y qtngtu'срф "o go dgtu'qһі' wo cpkctkcp"o куkqu'срф " ej ctkcdrg" hqwpf c vкqu'ctg" r tqr qugf "k"y g' j срф dqqm' qп" r tgxgpvкp' qһі'dwtрqw' срф " eqрvqn' k"y g' Itco gy qtm'qһі'y g'r tqлgev'ōNgctp"v' r tgxgpv'срф "f gcn'y kј "dwtрqw'ghgeō'y j keј "y cu'ur r qtvf "d { " Gwtqr gcp" hmpf u' Rct vgtu' qһі'y ku' uqekn'qtkpvgf "r tqлgev'y qtngf "k" Rqrpf . "Vwtng { . "Tqo cрк. "Kcn { . " E | геј "T gr vdrke0"

Cp'cwј qt'qһі'y ku'r vdrke vкp'f guetkdgf "y g'r tcevekn'r tqлgev'ōDg'k' tguqwtgō0"

Vj g'o cк'і qcn'qһі'y ku'r tqлgev'ku'y g'heknkc vкp'qһі' tqw u'qһі'uekn'срф "r u'ej qmј kесі't guqwtkpi "ht'y g' uqekn'y qtngtu'qһі'y g'F pk r q r gtxunі't gi k p " \*Wntclpg-0"

Vj g'o cк'v'cun'qһі'y ku'і tqw "qһі' u'ej qmј kесі'срф "uqekn'ur r qtv'ku'v'і cк'hpqy rfi g'cdqw'ō gpv'nj gcnј " срф "ugr/ectg0"

F wt kpi "Qevqdgт'срф "P qxgo dgt"4246. "y g'cwј qt'qһі'y ku'uelgpvkle'ctveng'ectkkgf "qw'v'cкpкpi "ht' uqekn' y qtngtu'htqo "y g'egpvtu'qһі'y g' uqekn'ugt x legu'срф "egpvtu'qһі' t gukdgpeg0"

Vj g'ug'v'cкpкpi u'j c x g'gzgtekug'срф "r tcevekn'y qtm'k"y g'ur j gtgu'qһі'y g'r tgxgpvкp' qһі'y g'utgu. "y g' f gxgnr o gрv'qһі'go qvкpсn'kpgvni k pег'срф "go qvкpсn'eqo r gvpelgu "срф "y g'f gxgnr o gрv'qһі'etk'kecn'срф " etgcvkxg'y kpnkpi 0"

Vtclpкpi u'ctg'dcu'gf "qp'y g'utgu'eqr kpi "o qf grōDCUE 'Rj o0"

**Keywords:** r tgxgpvкp. "go qvкpсn'dwtрqw. "uqekn'y qtngtu. "і tqw u'qһі'ur r qtv. "o gpv'nj gcnј "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### PRESERVING THE HISTORICAL BUILDING INFLUENCED BY WISDOM

Samira Mehrafza<sup>1</sup>, Fahim Yar Baig<sup>2</sup>

<sup>3</sup>"CuwkacpvRtqlguuqt 'qhlCj nwlDc {v'Kpvtgpcvkapcn'wpxgt uk' 'Vgj tcp. 'Kcp0'

<sup>4</sup>"Ctej kgewt cn'Gpi kpggt kpi 'uwf gpv'qhl"Cj nwlDc {v'Kpvtgpcvkapcn'wpxgt uk' 'Vgj tcp. 'Kcp0'

"

#### ABSTRACT

**Problem Statement** - "R tgugetxkpi 'vj g'pcwtcn'cpf 'ewnwtcn'j gtkci g'ku'etwecnl'ht'o clpvc'kpi 'vj g'f g'ecvg" dcrpeg'dgy ggp'j wo cp'etgc'v'q'cpf 'vj g'gpxktqpo gp'0'Vj tqwi j 'vj g'uwppkpi 'ctej kgewt cn'o cuvtr kgegu." f go qputcv'vj g'kpi gpwv' { 'cpf 'y kuf qo "qh'vj g'cpeguqtu'kp'k'p'v'gi tcv'kpi 'pcwtcn'cpf 'ewnwtcn'grgo gpw0'

**Research objectives** - "vj g'i qcn'qh'vj ku'uwf { 'ku'g'zr n'ktkpi 'vj g'eqpegr v'qh'y kuf qo "v'q'eqpugt'xc'v'k'q'p'qh'vj g' j gtkci g' " cpf " ku' uki pl'k'ecpeg' " kp' v'q'f c' { 'u' ' y qtrf 0' D { " egrgdtcv'kpi " vj g' uj ctgf " r t'q'etgc'v'k'q'p' j gtkci g." go r j cuk' kpi 'vj g'ko r q'v'cpeg'qh'et'qu'ewnwtcn'gzej cpi g. "o wwn'nt'gur gev."cpf 't'gur qpuk'nr'ugy ctf uj kr "qh' vj g'gct'vj 0'Vj ku'uwf { "ugt'xgu'cu'c'ecm'v'q'cev'k'q'p."kp'ur kt'kpi 't'gcf gtu'v'q'go dtce'g'vj g'eqm'ge'v'k'g'ngi ce { "cpf " utk'g'ht'c'y qtrf 'y j g'g'pcwt'g'cpf 'ewnwt'g'vj tk'x'g'kp'r gth'gev'j cto qp { 0'

**Research method:** "vj g't'gugctej "o gvj qf 'ku'f g'uetkr v'k'g'cpf 'cpcn' { 'uku'0'

**Conclusion** - "Vj tqwi j "vj ku'uwf { . "eqp'v'kd'w'kpi "v'q'c'f ggr gt'w'pf gtu'c'p'f kpi "qh'vj g'k'p'v'gte'qpp'ge'v'f p'gu'v'qh' j wo cp'etgc'v'k'q'p'cpf 'vj g'pcwtcn'y qtrf 'cpf 'v'q'kp'ur kt'g'c'bg'v' 'i g'p'g'v'c'v'k'q'p'qh'vj k'p'ngtu'c'p'f 't'gcf gtu'v'q'r tk'q'k'k' g' vj g'r t'gug'x'c'v'k'q'p'qh'vj g'j gtkci g'k'p'hw'g'peg'f "d { 'y kuf qo 0'"

**Keywords** - "Rt'gug'x'k'p'i . 'vj g'j k'x'q't'k'c'n'd'w'k'f k'p'i . 'y kuf qo "

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#### TEFL GRADUATES' PERCEPTION TOWARD THE IMPORTANCE OF SELF-COMPETITIVENESS IN WORKPLACE

Hadiyanto<sup>1</sup>, Nunung Fajaryani<sup>1</sup>, Eddy Haryanto<sup>1</sup>, Mukhlash Abrar<sup>1</sup>

<sup>3</sup>Gpi rkuj 'Gf wcvkqp. 'Hc ewnf 'qhl'Vgcej gt 'Vtcklpi 'cpf 'Gf wcvkqp. 'Wplkgtukcu'Lco dk"

"

#### ABSTRACT

Vj g'ugrh/eqo r gvkxgpguu'r ctv'qh'43"/egpwt { 'unkm'ku'etwecni'ht "uweeguhwi"VGHN'i tcf wcvu'cetqu'vj g' y qtnr rceg'cpf 'vj g'r tqhgukp0Vj ku'uwf { "cko u'v'q'kpxguki cvg'ko r qtcvpt'cvu'qhl'ugrh/eqo r gvkxgpguu'vj cv' kpenf g"go r m { cdkkx' . "gpvtgr tpgwtuj kr . "cpf 'rhgrppi 'rgctplpi 'cv'vj g'y qtnr rceg0Vj g's wcvkcvkxg'f cvc' y gtg'i cvj gtgf 'vj tqwi j "cp'qprkpg'uwtxg { 's wvukappctg'htqo "426'tgur qpf gpw0T gur qpf gpw'ctg'y qtnkpi " VGHN'I tcf wcvu'htqo "i qxgtpo gpv'kpukwkqpu." r tkxcv'kpukwkqpu." cpf "htggrepeg"y qtnr rceg0' Vj g' VGHN'I tcf wcv' t'gxcnu'vj cv'vj g'ko r qtcvpeg'qhl'ugrh/eqo r gvkxgpguu'ku'cv'c'xgt { "j ki j 'rgxgr0'Vj g'VGHN" i tcf wcv' t'cvf "gpvtgr tpgwtuj kr 'unkm'cu'vj g'vqr 'unkm.' hqmy gf "d { 'rhgrppi 'rgctplpi 'cpf "go r m { cdkkx' 0' Cnleqo r qpgpu'qhl'ugrh/eqo r gvkxgpguu="go r m { cdkkx' . "gpvtgr tpgwtuj kr . "cpf 'rhgrppi 'rgctplpi 'ctg' t'cvf " cv'xgt { "j ki j "ko r qtcvpeg0'"k' "eqpenwukqp. "Ugrh/eqo r gvkxgpguu'j cu'dgeqo g'o qtg'etwecni'k'vj ku'f ki kcn' y qtnkpi " gpv'k'p' cm' tqru' qh' VGHN" i tcf wcvu." y j gvj gt" cu" Gpi rkuj " vcej gtu" go r m { ggu " htggrepeg'qt'qj gt'r tqhgukp'cn'lqdu'0'Hp'cm' . "VGHN"i tcf wcvu'o wv'dg'r tgr ctgf 'cv'c'eqpl'f gpeg'rgxgr' qh'vj g'ug'unkm." cpf "r qre { o cngtu'uj qwf "wng"vj go "kpv"ceeqwpv'v'k'p'v' t'cv'vj g'ug'unkm'e'wttlewno . " rgctplpi 'f guki p. 'rgctplpi 'r tqegu. 'cpf 'rgctplpi 'qweqo gu'0'dg'f g'xgr'gf "q' t'geqi pk' g'i tcf wcv'ecpf kf cvu' hq'vj g'ug'unkm'0'

**Keywords:** ugrh/eqo r gvkxgpguu. 'VGHN'I tcf wcv. 'gpvtgr tpgwtuj kr . "go r m { cdkkx' . "go r m { cdkkx' "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### BRIDGING HARMONY: THE ROLE OF CHRISTIAN EDUCATION IN FOSTERING BALANCE WITHIN CHRISTIAN FAMILIES

*Meike Lely Lewankoru*

*Wpkxgtukc u' Mtkwgp "kpf qpgukc"*

#### ABSTRACT

Ej tkukcp"gf wecvkqp"r r{ u'c"etvelcn'tqrg"kp"dvkrf kpi "j cto qp{ "y kj kp"Ej tkukcp"lco kkgu0k"vqf c{au"gtc." y j gtg"lco kn{ "f {pco leu'ctg"qhgpr"o ctngf "d{ "eqphiev"cpf "o kwpf gtucpf kpi u"Ej tkukcp"gf wecvkqp"qhggtu" c"wpks wg"lco gy qtni'hqt "cf f tguukpi "cpf "cngxkcvkpi "vj gug"kuwgu0D{ "kpuukpi "eqtg"xcnngu"uwej "cu" eqo r cuukqp."hqt i kxgpguu"cpf "o wwnitgur gev"Ej tkukcp"gf wecvkqp"r tqxkf gu'vqqu'cpf "r tkpekr ngu'vj cvj gr " lco kn{ "o go dgtu'pcxki cvg"f kur wgu"cpf "utgpi vj gp"vj gkt"tgrcvkqpuj kr u0Vj ku'uwf { "gznrtgu"j qy "xctkqwu" gf wecvkqp"r tcevegu"cpf "vgcej kpi u'eqpvtkdwg"vq"etgcvkpi "c"j cto qpkqwu"lco kn{ "gpxtqpo gpv"ftcy kpi " qp'ecug"uwf lgu'cpf "vj gqgvecnr gtur gevkgu0Vj g'r cr gt'j ki j rki j w'vj g'ghgevkxgpguu'qh'cr r n{ kpi "Ej tkukcp" xcnngu"kp"lco kn{ "rktg"cpf "f go qpwtcvgu"j qy "vj gug"r tkpekr ngu'ecp"dtkf i g"i cr u'cpf "r tqo qv"dcnpeg0Vj g" wko cvg"i qcnku'vq"vj qy "j qy "c"utqpi "hqwvf cvkqp"kp"Ej tkukcp"gf wecvkqp"ecp"ngcf "vq"o qtg"eqj gukxg"cpf " ur r qtvkxg"lco kn{ "tgrcvkqpuj kr u0"

**Keywords:** "Ej tkukcp" "Gf wecvkqp" "Hco kn{ "J cto qp{ "E qphiev" T guqmwkqp" "Ej tkukcp" "Xcnngu" "Hco kn{ " F {pco leu"

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#### GEOPOLITICS IN FLUX: U.S. GLOBAL LEADERSHIP UNDER DONALD TRUMP'S NEW REGIME

*Md.Mizanur Rahman.*

*Rqrke{ 'Cuuqekcvg.Rqrkaku'cpf 'I qxgtpcpeg'Vgco ''*

*[ qwj 'Rqrke{ 'Hqtwo . 'Dcpi rcf gij ''*

#### ABSTRACT

Vj ku" uwf { " kpxguki cvgu" vj g" uki pkkecpv' uj klu" kp" WLU i mdcni' rgef gtuj kr" wpf gt" F qpcrf " Vtwo r u" cf o kplmtevkqp.'hqwukpi "qp'vj g'dtqcf gt'ko r ceu'qp'i gqr qnkkeu'cpf 'kpgtpevkqpcn'it gnevkuu'Wkk' kpi "dqj " s wcrkcvkxg'cpf "s wcpvkvkxg'o gvj qf qmji kgu."vj g'tugctej "gzt rqtgu'j qy "Vtwo r u"\$Co gtec'Hku\$'r qnkkeu' tgf ghkpgf "vj g'Wpkgf "Ucvgu)'tqng'qp"vj g'y qtrf "uci g."chgevkpi "cnkpegu"vtf g."cpf "ugewtkv{ 'f { pco leu' S wcpvkvkxgnf ."vj ku" uwf { "cpcn| gu"ng{ "geppqo le"kp'lecvtu."kpenf kpi "vtf g" xqno gu."hqtgki p" ckl " gzt r gpf kwatgu" cpf " f ghgpg" dwf i gu" r tg/" cpf " r quv4238." vj" s wcpvkh{ " vj g" o cvgtkni' uj klu" kp" WLU eqo o ko gpw'i mdcni' 0'Vj gug'o gtleu'tgxgn'c'o ctngf "tgcni po gpv'qh'geppqo le"r tkqtkku."r ctvkwctn{ " kp'tgi ctf "v'P CVQ'eqvtdwkqpu'cpf "vtf g'f ghleku'y kj "ng{ "cnkku'cpf "tkcnu."kpenf kpi "Ej kpc'cpf "vj g" Gwtqr gcp'Wpkqp0'S wcrkcvkxgnf ."vj g'uwf { "cuuguu'r tko ct { "uqtegu'wej "cu'ur ggej gu"r qnkke{ "dtkghu"cpf " i qxgtpo gpv'f qewo gpw."cnpj ukf g" gzt r gtv'kpgtvlgy u"y kj "f kr mo cvu"r qnkke{ o cngtu."cpf "uej qrtu"kp" kpgtpevkqpcn' tgvkvkuu' Vj g" s wcrkcvkxg" f cv" r tqxf g" kuki j v' kvq" vj g" cf o kplmtevkqp'u' utcvgi le" tgecndtevkqp" cpf " j ki j rki j v' tgu qpugu"htqo " xctkqu" i mdcni' cevtu."wej "cu'Ej kpc."T wukc." cpf " vj g" Gwtqr gcp' Wpkqp0' Vj gug" tgu qpugu" ctg" cpcn| gf " y kj kp" c" htco gy qtni' qh' dcrpeg/qh'r qy gt" vj ggt { ." r tqxf kpi "c" pwepegf " wpf gtuepf kpi "qh"vj g" gxqkpi " o wkr qrt"y qtrf " qtf gt0' Hpf kpi u' kp'lecvg" vj cv" Vtwo r u' cr r tqcej "j cu'ngf "v'c" hnwewkpi " i gqr qnkkeu'ncpf uec g."y j gtg" vtf kkpni' cnkpegu"j cxg" y gcnpgf "y j krg'pgy "dkvgtcn'ci tggo gpw'go gti g0'Vj g'WLU'v'pkvgtcn'f gekukpu'wej "cu'y kj f tcy kpi " htqo "vj g"Rctku'Ci tggo gpv'cpf "tgf welpi "kpxqnggo gpv'kp'kpgtpevkqpcn'qti cpl kvkpu"j cxg"ceegrtcvf " i mdcni' r qy gt" uj klu" ej cngpi kpi " gucdkuj gf " o wkrvgtcn' pqtu u0' Vj ku" tgu gtej " eqvtdwgu" vj" vj g" rkgtewtg'qp'WLU'htgki p'r qnkke{ 'd{ "qhgtkpi "c'eqo r tgj gpukg'gxcnkvkqp'qh'Vtwo r u' kphwpeg'qp'i mdcni' rgef gtuj kr "cpf "ku'ko r rlecvkpu'ht"vj g'hwwt'g'qh'kpgtpevkqpcn'f kr mo ce{0'

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#### INTERSECTIONALITY IN FEMINISM: UNDERSTANDING THE MULTIPLE IDENTITIES OF WOMEN

R. Vidhyalakshmi\*1, K. Rajaganapathy\*2

Dj ctcvj 'Kunkwng'QHJ ki j gt 'Gf wecvkp 'Cpf 'Tgugctej. Ugrckwt. Ej gppck'822295. Vco kiPcfwEj gppck0'

#### ABSTRACT

Kvgtugevqpcrkv{ "kp" hgo kpuo "ku" c" etklecn' hco gy qtn' vj cv' gzcw kpu' j qy "qxgtrcr r kpi "uqekn' kf gpvkkgu." kpenf kpi 'tceg. 'ercu. 'ugzwrkv{. 'cpf 'cdkkrv{. 'ko r cev' y qo gpou' g'zr g'kpegu' qh' f kuetko kpcvqp' cpf 'r tkxkngi g' Qtki kpcvki " hqo " Mo dgti? " Etgpij cy au" y qtm" kvgtugevqpcrkv{ " go r j cuk' gu" vj cv' y qo gp" f q" pqv' g'zr g'kpep' ugzkuo " kp" c" xcewo. " dw' tcvj gt" vj tqwi j " vj g" kvgtugevqpu" qh" o vnr ng" uqekn' ecv' gi qtkgu' Vtcf k'kqpcn' hgo kpu' cr r tqej gu' qh' gp' h' ewugf " qp" i' gpf gt' cn' pg. " qxgtmqn' kpi " vj g' eqo r qwpf gf " gh' g' eu' qh" cf f k'kqpcn' kf gpvkkgu' D{ " go dtceki " cp' kvgtugevqpcn' f' g' tur ge' vxg. ' hgo kpu' / uej q' rctuj k' " uggmi' v' j' ki j v' vj g' w' pks w' g' ej cngpi gu' h' cegf " d{ " o cti k' p' r' k' gf " y qo gp. " uwej " cu' D' r' enly qo gp. " NI DVS - " k' p' k' k' w' eni. " cpf " vj qug" k' p' m' y gt " uqekq/ geqp' qo k' e' ercu' gu. " y j q' g' p' eq' w' p' v' gt " eqo r ngz " h' q' to u' qh' " q' r r t' gu' k' q' p' q' v' cf g' s' w' e' v' gn{ " cf f t' gu' g' f " d{ " ukpi ng/ czku' c' p' cn{ ugu' Vj ku' cr r tqej " j cu' v' t' p' u' h' q' to gf " hgo kpu' / ce' v' x' kuo " cpf " r' q' r' k' e{. " vti kpi " c" o qtg " k' p' en' w' k' g" o q' x' go gp' v' vj cv' t' ge' qi p' k' gu' cpf " cf f t' gu' gu' vj g' f k' x' g' t' u' g' " p' g' g' f u' cpf " r' k' x' g' f " t' g' c' r' k' k' u' qh' c' m' i' y qo gp' Kvgtugevqpcrkv{ " vj wu' r t' q' x' k' f' gu' c" t' lej gt. " o qtg " p' w' e' p' e' g' f " w' p' f' g' t' u' c' p' f' kpi " qh' i' g' p' f' g' t' " k' p' g' s' w' r' k' v{. " cf x' q' e' v' kpi " h' q' t' u' t' w' e' w' t' c' n' e' j' c' pi gu' vj cv' e' c' p' d' g' p' g' h' v' y qo gp' c' e' t' q' u' c' m' i' k' f' gpvkkgu' cpf " d' c' e' m' i' t' q' w' p' f' u' }

**Keywords:** Kvgtugevqpcrkv{. " Hgo kpuo. " I gpf gt " k' p' g' s' w' r' k' v{. " Uqekn' kf gpvkkgu. " Mo dgti? " Etgpij cy. " F kuetko kpcvqp

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#### MULTI CHANNEL LONG RANGE TRANSMITTER AND RECEIVER

<sup>3</sup>Arshman SINGH<sup>1</sup>

<sup>3</sup>I wtwPcpcmf gx'Wpkxgt ukf. 'F gr ctwo gpv'qhl'O gej cpkecn'Gpi kpggt kpi. 'Co tkuct. 'Kpf kc"

<sup>4</sup>Sachin SINGH<sup>2</sup>

<sup>4</sup>I wtwPcpcmf gx'Wpkxgt ukf. 'F gr ctwo gpv'qhl'Ggevt qpleu'cpf 'Eqo o wpkecvkqp'Gpi kpggt kpi. 'Co tkuct. 'Kpf kc"

<sup>5</sup>Er. Pahulpreet SINGH<sup>3</sup>

<sup>5</sup>I wtwPcpcmf gx'Wpkxgt ukf. 'Cuukucpv'Rt qhguaqt. 'F gr ctwo gpv'qhl'O gej cpkecn'Gpi kpggt kpi. 'Co tkuct. 'Kpf kc"

5'QTEK 'KF '222; /2225/673; /634: "

<sup>6</sup>Dr. Harminder SINGH<sup>4</sup>

<sup>6</sup>I wtwPcpcmf gx'Wpkxgt ukf. 'Cuqekcvg'Rt qhguaqt. 'F gr ctwo gpv'qhl'O gej cpkecn'Gpi kpggt kpi. 'Co tkuct. 'Kpf kc"

6'QTEK 'KF '2222/2224/2: 4; /4376"

"

#### ABSTRACT

Gxgt { "grgevtkecn'gs vkr o gpv'kpenw kpi "o qdkg'r j qpgu 'vgrxkukqpu 'uj kr u. "gve0'pggf u'c'vcpuo kwgt0Vj g{ "ctg'go r m{ gf "lp'pcxki cvkqp'cu'y gm0Cp'grgevtkecn'f gxleg'hpqy p'cu'c'tgegkxg't'r lemu'w'r 'uki pcnu'cpf 'tcf kq" y cxgu'y cv'ctg'ugpv'qw'd{ "c'vcpuo kwgt0Vj g'r t gugpv'y qtriku'cp'kppqxcvkg'cr r tqcej "v'y k tgrguu'eqpvtqri' u{ ugo u. "hqewupi "qp"tcpi g. "equv'ghgevkxgpguu. "cpf "xgtucvkv{0'CV'ku'eqtg. "y g"u{ ugo "eqo r tkugu"c" o letqeqpvtqmg/dcuqf "vcpuo kwgt"cpf "tgegkxg. "kpvgtkecgf "y kj "cp"PTH46N23- "go r m{ kpi "y g"URK \*UgtkenRgtr j gten'kpvgtkecg+r tqveqri'o qf wg'hqt'tqdww'y ktrguu'eqo o wpkecvkqp'cpf 'r qy gtgf "d{ "c'96X" Nk/Rq'dcwtg { "ej qugp'hqt "ku'uw'r gkqt"gpgti { "f gpukv{. "eqpvtkdwkpi "vq"c"mipi gt"dcwtg { "rkg0Vj g'f guki p" r tkqt'k' gu"tcpi g" gzv'gukqp. "cej kxgf "y tqwi j "y g" kpvgi tcvkqp" qh'c" f gcej cdrq. "dkf kgevkqpcn' Y kHk' co r rkg0Vj ku'hcwvtg'pqv'qpn{ "gpj cpegu'y g'u{ ugo )u'tgej "dwc'cuq'qhg'u"wgut'u'y g'ngzkd'k'k'v{ "vq'cf cr v' yj g'u{ ugo "vq'y gk"ur gekhe"pggf u0O qtgqxt. "k'cuq'gzr mtgu'y g'wug'qh'c"[ ci k'f kgevkqpcn'cpv'gppc"qt"c" r ctcdqne'f kuj "cpv'gppc. "mpqy p'hqt'y gk"j ki j "i ckp'cpf "f kgevkxk'v{. "hwt'v'gt'cwi o gpv'kpi "y g'uki pcn'tcpi g. " yj gtd { "gpj cpeki "y g"u{ ugo )u' ghgevkxg'tcf kcvf "r qy gt" \*GTR+0'k'p'pwuj gm "y g'ewtgpv'r tq'ge'v'ku"c" eqphw'gpeg'qh'ue'k'p'v'k'he'cewo gp'cpf 'gpi kpggtkpi 'f gzv'gk'v{. 'ewo kpcv'kpi 'kp'c'y ktrguu'eqpvtqri'u{ ugo "y cv' ku'pqv'qpn{ "r qv'gpv'cpf "gh'k'k'p'v'dw'cuq" xgtucv'k'g'cpf "wgt/egpvtke0'K'gr kqo k' gu'y g'vcpuhqto cvkxg" r qv'gpv'k'q'h'y ktrguu'v'gej pqmji { "k'p'tgf gh'k'p'kpi 'eqpvtqri'u{ ugo u'cetqu'u'c'ur gevtwo "qh'cr r rkecvkqpu0'

**Keywords:** "Vtcpuo kwgt. "Tgegkxg. "Y ktrguu'Eqpvtqri'U{ ugo u0'

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#### MODERN METHODS OF WORLD EXPERIENCE IN MOUNTAINOUS AND MOUNTAINOUS AREAS

*PhD. Yusupova Aziza Ismailovna*

*Uco ctncpf "Ucvg'Wpkxgt ukf" qh'ct ej kgewt g'cpf 'Eqpwt wvkkp'pco gf "chgt 'Ok / q'Wmi dgm'lc ewn' qh' ct ej kgewt g. "f gr ct vo gp'qh'ct ej kgewt cnf giki p."*

*Uco ctncpf "ekf. 'W/dgnkncp0"*

*QTEK "K <J wru-1qtekf Qiti 1222; /2224/6: 3: /34; 8"*

"

#### ABSTRACT

Vj ku'vqr ke'ku'clo gf "cv'vj g'uwwf {"qh'o qf gtp'f gxgnr o gpv'o gj qf u'cpf "cr r tqcej gu'wugf "qp'c'i nqden'uecrg" kp'o qwpvckp"cpf "umd/o qwpvckp'tgi kqpu'0 qwpvckp"ctgcu'ctg"wpks wg'kp'vgtu u'qh'vj gkt'pcwtcn'eqpf kkkpu" cpf "geqpqo ke"qr r qtwpkkgu"cpf "vj gkt'f gxgnr o gpv'wugu'uwej "cr r tqcej gu'cu'geqvvtkuo . "uwvckpcdng" ci tlewwtg. "wug" qh' i tggp" gpgti {"uqwtegu "kppqxcvkg" vcpur qt v' u' ugo u " cpf " r tqvgevkkp" qh' pcwtcn' tguqwtegu' "

Vj g'pqxgnf {"qh'vj g'uwwf {"ku'vj cv'kv'uj qy u'vj g'gzi gtlgpegu"qh'Gwtqr gcp"cpf "Cukcp"o qwpvckp"tgi kqpu" kpenf kpi "o qf gtp"vgej pqmji lgu'hqt" gpxktqpo gpv'cn'ugevkvf. "kpetgculpi "vj g'kpeqo g"qh'nqecni'r gqr ng." tgf wvki "vj g'ko r cev'qp'vj g'gpxktqpo gpv'cpf "ko r tqxkpi "kpltcutwewtg."cu'y gni'cu'o gj qf u'qh'cf cr vevkqp" vq'erko cvg'ej cpi g0y kn'dg'eqpukf gtgf 0Vj ku'uwf {"ugt'xgu'vq"cpn{| g'vj g'o qf gtp'o gj qf u'cpf "uwf {"vj g" r quukdkkkgu"qh'vj gkt"cr r rkevkkp"kp"o qwpvckpqu"ctgcu'0Cpcn'uku"qh'pcwtcn'erko cvg"eqpf kkkpu"cpf " etgcvkqp"qh'pcwtcn'rcpf uecr gu "y qtrf "gzi gtlgpegu"vj cv'etgcvg"geqmji kecn'cpf "cguy gvle"r nqcuwtg" hqt" r gqr ng)j gcnj "ctg'r tguqvgf0 " "

**Key words:** "o qwpvckp"cpf "umd/o qwpvckp'tgi kqpu."pcwtcn'tguqwtegu "uwvckpcdng"qvvtkuo "ugwrgo gpvu."rcpf "wug."erko cvg'ej cpi gu "hqtgki p"gzr gtlgpegu'0

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TRAINING NEEDS FOR A YOUTH IN AGRICULTURAL EDUCATION EXTENSION WORKERS LAKE CHAD RESEARCH INSTITUTE MAIDUGURI BORNO STATE NIGERIA

*Usman Abdullahi*

#### ABSTRACT

'Rwtr qug<Vj ku'r cr gt'cko u'q'eqpvtkdwg'vq'vj g'dqf { "qh'hpqy ngf i g'ctqwpf "dguv'vq'kf g'pvh{ "vtckpki "pggf u' qh'vj g"Ci tlewnwtcn'Gzvgpukqp"Y qtngtu"CGY +0""O gy qf qmji { <Dqtlej ou'pggf "cuuguuo gpv'o qf gn'wugf " vq'kf g'pvh{ "vtckpki "pggf u'qh'vj g'y qtngtu"kp"ci tlewnwtcn'gf vecvkap"gzvgpukqp'O'Cuq."vq"npqy "y j lej " o gy qf "ku'uwkcdng'vq'kf g'pvh{ "vtckpki "pggf u'O'Hkpf kpi <Gxgt { 'ctgc'pggf u'f k'htgpv'vtckpki "cpf "cp{ "unkmu " npqy ngf i g'cpf "cvkwf g'pggf "cpqy gt'vtckpki "cuq'uj qwf "dg'hqewugf "qp'gpxktqpo gpv'vq'kf g'pvh{ 'y j lej " cvkwf g."unkmu"qt""npqy ngf i g""pggf ""vtckpki "f vg"vq"cp{ "xknci g"\*ctgc+"cpf "hcto gtu"pggf "f k'htgpv' vtckpki O" Rtcevecn' K r rkecvkap< Vj ku" uwf { " ku' ko r qvcpv' hqt" vj g" f g'xgrqr o gpv' qh' unkmu." cvkwf g." npqy ngf i g'cpf "kphqto cvkap" hqt" y qtngtu"kp"ci tlewnwtcn'gf vecvkap"gzvgpukqp."cu"y gm'cu'vq"tckug"vj g" gh'ekgpe{ "cpf "cdkxv{ "qh'vj g"go r m{ ggu"cpf "f g'xgrqr "vj gk"cdkxv"vq"tckug"r tqf vevxkv{ "cpf "kpetgcug" kpeqo g"kp"i g'p'gtcn'O"Vj g'qtg'v'ecni'K r rkecvkap<Vj ku'tgugcte j "j ki j rki j v'v'j g"ko r qvcpv'tqrg'vtckpki "pggf u' r r { u'kp"lqd"r g'htqto cpeg" hqt" vj g"r r'p'p'kpi "kp" vj g" h'w'w'g'O'Cuq."vq"npqy "y j lej "unkmu."npqy ngf i g"qt" cvkwf g'pggf "o qtg'vtckpki O""

Mg{y qtf u< Vtckpki " P g'gf u" O qf gn' Dqtlej ou" Hqt" c" [ qwj " kp" Ci tlewnwtcn' Gf vecvkap" Gzvgpukqp" Y qtngtuO""

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#### INTUSSUSCEPTION IN A NIGERIAN INDIGENOUS DOG: A CASE REPORT AND PROBABLE ASSOCIATED PATHOLOGIC MECHANISMS

Ochuko Orakpoghenor<sup>1,2</sup>, Bisalla Mohammed<sup>1,3</sup> and Muhammed Shuaib Muhammed<sup>3</sup>

<sup>3</sup>Eqmgi g'qhlXgvgtkpct { 'Uwti gqpu'Pki gtlc. 'Hcewn' 'qhlRcvj qraqi { . 'Fkci pqumk' Rcvj qraqi { 'Ur gekn' "

<sup>4</sup>Dc { gtq 'Wpkxgt uk' 'Mcpq. 'Hcewn' 'qhlXgvgtkpct { 'Ogf lekpg. 'Fgrctwo gpv'qhlXgvgtkpct { 'Rcvj qraqi { . 'Mcpq. " Pki gtlc "

<sup>5</sup>Cj o cf w'Dgm' Wpkxgt uk' \ ctk. 'Hcewn' 'qhlXgvgtkpct { 'Ogf lekpg. 'Fgrctwo gpv'qhlXgvgtkpct { " Rcvj qraqi { . \ ctk. 'Pki gtlc "

<sup>3</sup>QTEK 'K' < j wru< lqtekf Qti I2222/2225/2: 55/3862 "

"

#### ABSTRACT

Kpwuwuegr vkqp. "c'ugtqkwa'i cutqkpvgnkpcn'f kuqtf gt "ej ctcevgtk gf "d { "vj g'kpxci kpcvkq'qhl'qpg'ugi o gpv'qh' vj g'kpvgnkpg'kpv'cpqy gt. 'r qugu'uki p'k'ecpvj genj 'tkumi'k'xgvgtkpct { 'o gf lekpg'0Vj ku'ecug'tgr qtv'r t'gugpvu' vj g'ekplecn' cpf " r cvj qraqi lecn' h'k'f kpi u' qh' kpwuwuegr vkqp " k' " c' " 32/o qpj / qrf " dtqy p " o crg " Pki gtlc'p' k'f ki gpqwa'f qi " \*P K +0'Vj g'f qi . " y j kej " j cf " pq " j kuqtf { " qh' xceekpcvkq. " w'p'f gty gpv'cdf qo kpcn' uwti lecn' r tqegf wtgu'kpcn'f kpi " i cutqkqo { " cpf " k'pvgnkpcn't'gugevkq " y kj " cpcuqo quku'ugxgp " f c { u'r t'k'at " vq " f gcyj '0' Rquqr gtevkgn' . " vj g'f qi " g'zj kdk'gf " ekplecn' uki pu' qh' xqo k'k'pi " cpf " y genpguu' f gur k'g " vtgcvo gpv' y kj " r gplek'k'p/utgr vqo { ekp " c'pv'k'k'v'ku' c'pf " c " d'nc'pf " f k'g'0'P getqr u' " t'g'x'g'c'ng'f " ug'x'g't " r cvj qraqi lecn' ej cpi gu. " kpcn'f kpi " eqpi guvg' " r'x'g't. " i cutk' " j go qttj ci g. " r g'k'q'p'g'c'n'f j guk'q'pu " r'g'c'n'ci g'qhl'k'pvgnkpcn'f'eq'p'g'p'u'k'pv' vj g' r g'k'q'p'g'wo . " r g'k'q'p'k'ku " k'pvgnkpcn'eqpi guk'q'p " y kj " k'pwuwuegr vkqp. " c'pf " k'p'h'c't'ev'k'q'p " c'v'c'p'c'u'q'o qugf " k'pvgnkpcn' uk'g'u'0' Vj gug' " h'k'f kpi u' " j ki j r'ki j v' " vj g' " o w'k'h'c'eg'v'f " pc'w't'g' " qh' k'pwuwuegr vkqp. " k'p'x'q'k'k'pi " o ge'j c'p'le'c'n'q'd'ut'w'ev'k'q'p. " eqo r t'q'o ku'gf " d'ni'q'f " u'w'r n'f . " c'pf " u'f u'ng'o k' " k'p'h'g'ev'k'q'p'0'Vj g' " ecug' " go r j cu'k' gu' " vj g' " ej c'm'p'i gu'k'p " o c'p'ci kpi " r qu'w'wti lecn'eqo r r'ec'v'k'q'pu' c'pf " go r j cu'k' gu' " vj g' " k'o r q't'w'ep'eg' " qh'g'c't'n'f " f k'ci p'q'uku' c'pf " k'p'v'g't'x'g'p'v'k'q'p'k'p' " ec'ug'u'q'h'i' cutqkpvgnkpcn'f kuqtf gtu'k'p'f qi u'0'Vj ku' " o c'p'w'et'k'r v. " vj g't'g'h'q't'g. " eq'p'v't'k'd'w'g'u'v'q' vj g'x'g'v'g't'k'p'c't { 'r'k'g't'c'w't'g'd { 'r t'q'x'k'f kpi " c'f g'v'k'p'g'f " f g'uet'k'r vkq'p'q'h'v'j g'ek'p'le'c'n'eq'w't'ug. " r cvj qraqi lecn'h'k'f kpi u. " c'pf " r q'v'p'k'c'n'eqo r r'ec'v'k'q'pu'cu'q'ek'c'v'g'f " y kj " k'pwuwuegr vkqp " k'p " Pki gtlc'p' k'f ki gpqwa'f qi u'0'Vj g'k'p'uki j vu' i c'k'p'g'f " l't'q'o " vj ku' " ecug' " t'g'r q't'v' " c't'g' " et'w'ek'c'n' " h'q't " k'o r t'q'x'k'pi " f k'ci p'q'um'k' " c'ee'w't'c'e { . " q'r v'k'o k' k'pi " vtgcvo gpv' ut'c'v'gi l'gu " c'pf " g'p'j c'p'ek'pi " ek'p'le'c'n'q'w'eqo gu'k'p' " u'k'o k'rc't' " ek'p'le'c'n' " ue'g'p'c't'k'q'u'0' "

**Keywords** < k'pwuwuegr vkqp. " Pki gtlc'p' k'f ki gpqwa'f qi . " i cutqkpvgnkpcn'f kuqtf gt. " uwti lecn'eqo r r'ec'v'k'q'pu. " xgvgtkpct { 'r cvj qraqi { "

"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DESIGN AND DEVELOPMENT OF NOVEL APPORACH FOR FILE SHARING FOR SECURITY USING BLOCKCHAIN TECHNOLOGY: LITERATURE REVIEW

*Deepak Bansal<sup>1</sup>*

<sup>3</sup>*Kpf kcp "Kpuakwag"qhHkpcpeg. I tgcvgt "Pqlf c. "Kpf kc"*

**ORCID number:**

*222;/2223/2999/5522"*

#### ABSTRACT

Hkg" uj ctkpi "ku" c" hwpf co gpcn' cur gev' qh' f cvc" o cpci go gpv." cpf "k' ku" gugpvcn' hqt" eqmcdqtcvkqp." eqo o wplecvcqp."cpf "f cvc" gzej cpi g0J qy gxgt. "hkg"uj ctkpi "u{uigo u'ctg"uwuegr vldng"vq"ugewtkv{ "y tgcvu" cpf "f cvc" dtgej gu"y j lej "ecp" eqo r tqo kug" f cvc" eqphkf gpvcrkv{. "kpgi tkv{. "cpf "cxckcdkxv{ 0'C" paxgn' cr r tqcej "hqt" hkg"uj ctkpi "wukpi "dmenej clkp" vgej pqmji { "ku" tgs vkt gf "y j lej "y qwf "gpwtgu"ugewtg" cpf " f gegpvcrk gf "hkg"uj ctkpi 0Vj g'paxgn' cr r tqcej "hqt" hkg"uj ctkpi "y qwf "wug'c'j { dtkf "eqpugpuw'o gej cpkuo . " eqo dlpki " r tqqh/qh/y qtnl' cpf " r tqqh/qh/ucng" cni qt kj o u" vq" gpwtg" pgwy qtnl' ugewtkv{ " cpf " r tngxgpv' o crlekqwu'cvcem0"

K'y qwf "wug"o wnk/rc { gt" gpet { r vkqp"vq"gpj cpeg" hkg"ugewtkv{. "y j gtg" hkgu'ctg" gpet { r vgf "cv'yj g" wugt" rngxgn' cpf " y j g" dmenej clkp" rngxgn' 0' Vj g" r tqr qugf " P qxgn' cr r tqcej " y qwf " cnuq" kpeqtr qtcvgu" uo ctv' eqpvtcev' vgej pqmji { "hqt" hkg"ceegu"eqpvtqn" y j gtg" wugtu'ecp" ugv'r gto kukqpu" hqt" hkg"uj ctkpi "cpf "ceegu0' Vj g" r tqr qugf " cr r tqcej " y cu' f gxgnr gf "cpf "vguvf "wukpi "c" r tqqv{ r g" ko r ngo gpvcvkqp." cpf "y j g" tguwmu"uj qy " yj cv'yj g" u{ uigo "ku"ugewtg. "ghilekpv."cpf "uacrcdng0' Vj g" u{ uigo "cnuq" r tqxkf gu'c" j ki j " rngxgn'qh' f cvc" r tkxce { " cpf "ugewtkv{. "o cnkpi "k'uwkcdng" hqt "xctkqwu' cr r rlecvkqpu. "kpenmf kpi "j gcmj ectg. "hkgpcpeg. "cpf "i qxgtpo gp0"

**Keywords:** P qxgn' Cr r tqcej . "Hkg"uj ctkpi "Ugewtkv{ "Dmenej clkp. "Vgej pqmji { "

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DATA ON SUBTAXA OF EXOTIC TREE SPECIES HIMALAYAN BIRCH (*BETULA UTILIS* D.DON) IN BULGARIA

Plamen Glogov, Gergana Zaemdzhikova

*Hqt gw'Tgugctej "Kpukwmg/Dwi ctkp"Cecf go {"qh'Uekpegu"*

#### ABSTRACT

Vj g"J ko cnc{cp"dktej "Dgwrc 'wkku+'ku'c'xcncdrg'cncp"ur geku'hqt'ncpf uecr kpi . 'r quuguukpi "c"pwo dgt"qh" o gf kekpcn'r tqr gtvku0Vj g'r vtr qug"qh'vj g'r tgugpv'uwf {"ku'vq'r t gugpv'ewtgpv'f cv"qp"vj g"wug"qh'uqo g" uwdvczc" \*uwdur geku "xctkvgku" hqto u+"qh"J ko cnc{cp"dktej "kp"Dwi ctkp"j qt vkwntg0'S wguakppckt g" o gyj qf "y cu'wugf "vq"uwf {"vj g'ko r qtv'cpf "ur tgcf "qh'DO'wkku" hqt "vj g'pggf u"qh'Dwi ctkp"ncpf uecr kpi " kpenf kpi "tgugctej "qh'vj g'r tgugpeg"qh'vj ku'v'gg"ur geku'kp"i ctf gp'egpvgtu'cpf "ncpf uecr kpi "eqo r cplgu'kp" f khtgtpv'ekku0Vj g'uwxg{"eqpf wvvgf 'kp"4246'uj qy u'vj cv'uqo g'i ctf gp'egpvgtu'kp'Dwi ctkp"kp'vj g'ekku" qh'Uqhc. "Xctpc'cpf 'Rqxf kx+"qh'gt "DO'wkku"cpf 'ku'uwdvczc"uwej "cu'DO'wkku")F qqt gpdqu)"hqto "qh'Dgwrc " wkku'xct0lces wgo qpvkk+. "DO'wkku")Nqpi "Vtwpn)"y ggr kpi "hqto +0Dqj /"y j qng'kpf kxf wcn'cpf "i tch'r rcpw" ctg'ko r qtv'gf "hqto "Tqo cplc. "Kcn{"cpf "vj g'P gyj gtrcpf u0Vj g'eqpf kkpku'kp"Dwi ctkp"cv'vj g'o qo gpv"cpf " i kxgp"vj g'erko cve"r tqr gew+"ctg"rct" hqto "vj g'geqmi kcn'tgs wktgo gpvu'qh'vj g"J ko cnc{cp"dktej ."dw' pngxgvj gmu'k'ku'erget"vj cv'ku'uwdvczc"ctg"ctgcf {"dglpi "ko r qtv'gf "cpf "r rcpvgf "kp"qwt"eqvpt {0"

**Key words** <xctkvgku' hqto u'ncpf uecr kpi . 'f geqtcv'kg'v'ggu "gzqve"r rcpw"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### NATURE, GENDER, AND POWER: ECOFEMINIST READINGS OF ALICE WALKER'S THE COLOR PURPLE

Swati Suman

*Tgugctej "Uej qwt. 'DfOCDOwOw/chctrwt"*

"

#### ABSTRACT

Vj ku'r cr gt. "kngf "\$P cwtg."I gpf gt."cpf "Rqy gt<"Geqhg kpkv" T gcf kpi u"qh"Crleg"Y cmgtu" Vj g"Eqqt" Rwt rrg."\$gzco kpgu"vj g"kvgtw kpgf "vj go gu'qh'geqmi { "cpf 'hgo kpkv "vj tqwi j "cp"geqhg kpkv'r gtur gevkg' Crleg"Y cmgtu"pqxgn'r tguv"vj g"eqo r rnz" f { pco keu'dgy ggp"y qo gp."pcwtg."cpf "qr r tguvkg"r qy gt" utwewtgu"tgxgkpi "j qy "r cvtktej cn'cpf "eqmpleu"u'wgo u'gzn rkv"dqj "vj g"gpvkgpo gpv'cpf "hgo crg" dqf kgu' Vj tqwi j " cp" geqhg kpkv" rpu" vj g" uwf { " j k j rki j u" vj g" pqxgn" r qvte { cn' qh' j gkpi " cpf " go r qy gto gpv."cej kxgf "vj tqwi j "c"tgeqppgevkp"y kj "pcwtg'Vj ku'r cr gt"gzr rgtgu"j qy "Y cmgt" f tcy u" r ctcmgn'dgy ggp"geqmi kecn'lwleg"cpf "i gpf gt" hkgtcvkp."r tguvkgpi "pcwtg"cu'c"uqwtg"qh'utgpi vj "cpf " tgukcpeg"ht"vj g"pqxgn"y qo gp'Vj g""cpcn'uku'cnq"hewgu"qp"Y cmgtu"etkks wg"qh'f qo kcpv'r qy gt" utwewtgu"vj qy kpi "j qy 'tgenko kpi "c'j cto qpkw'tgrvkgpuj kr "y kj "pcwtg'ecp'ej cmgpi g'qr r tguvkgpoD{" rknkpi "gpvkgpo gpv'cn'f gutwevkp"y kj "i gpf gt" kpgs wcrkv{ ."vj g"pqxgn'vcpuegpf u"v'cf kkvpcn' hgo kpkv' f kvqwtug."cf xqecvkpi "ht" c" xkvkq"qh' kvgtgeqppgevgf "uqekn'cpf "geqmi kecn'lwleg'Wko cvgn{ ."vj ku' tguvctej "cf f u'v'vj g"gzr cpf kpi "hgrf "qh'geqhg kpkv "d{ "f go qvutcvkpi "j qy "Vj g'Eqqt "Rwt rrg"qh'gtu'c" r qy gthw'pcttcvkg"qh'rdgtcvkq"vj cv'go r j cvk' gu'vj g"pgeguv{ "qh'dcrpeg"cpf "tgr gev'dgy ggp"pcwtg." i gpf gt."cpf "r qy gt'

**Key Words:** gequr kkvcrkv{ ."geqhg kpkv ."pcwtg"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### REASON FOR CURRENT INCREASE IN DRUG ABUSE AMONG TEENAGERS"

*K.sneha,v.sandhiya,S.sherlin sheeba,A. Ashwini*

*Dj ctecy 'kpuakwag'qhlj ki j gt 'gf wecvkp'cpf 't gugcte j 'egpvtg"*

#### ABSTRACT

Vj g'vggp" { gctu'eqpukw'qh'c"ugtkgu'qh'ej cmgpi gu'ht" gxgt { qpg0Hqt"uqo g'vj qwi j . "vj qug"ej cmgpi gu'ecp" s wlemf " ej cpi g"htqo " eqps wgtcdng"vq"qxgtr qy gtlpi . "cpf "vj ku'ecp"rgcf "vq"uqo g"ugtqwu'kuwgu'ht" vggpuQpeg'vggpu'gpvt"j ki j "uej qqn"vj g{ "ctg"dqo dctf gf "y kj "vj g'r tguwtgu'qh'o clpvcklpi "i qqf "i tcf gu" gpi ci lpi "kp"gztcwttlewrcti "i gwki "tgcf { "ht"eqmgi g."j cxlpi "c"uqeknlkng."cpf "hki wtkpi "qw'y j cv'vj g{ "y cpv" vq" f q" hqt" vj g" tguv' qh' vj gk" rkgu0" T GCUQPU" VGGPU" UVCTV" WUKPI " FTWI U" ( " CNEQJ QNVqi i rg'RquvP cxki cvkpY j { "Vj g'Vggp'l gctu'ctg'uqo g'qh'Vj g'O quvF kHlewu/QpguVj g'vggp" { gctu'eqpukw'qh'c"ugtkgu'qh'ej cmgpi gu'ht" gxgt { qpg0Hqt"uqo g'vj qwi j . "vj qug"ej cmgpi gu'ecp"s wlemf " ej cpi g'htqo " eqps wgtcdng"vq"qxgtr qy gtlpi . "cpf "vj ku'ecp"rgcf "vq"uqo g"ugtqwu'kuwgu'ht" vggpuQpeg'vggpu' gpvt"j ki j "uej qqn"vj g{ "ctg"dqo dctf gf "y kj "vj g'r tguwtgu'qh'o clpvcklpi "i qqf "i tcf gu" gpi ci lpi "kp" gztcwttlewrcti "i gwki "tgcf { "ht"eqmgi g."j cxlpi "c"uqeknlkng."cpf "hki wtkpi "qw'y j cv'vj g{ "y cpv"vq" f q" hqt" vj g" tguv' qh' vj gk" rkgu0" T gcuqpu"Vggpu"Uctv"Wukpi "Ftwi u"( "Creaj qrp q"wy q"vggpu'ctg"crkng."cpf "pgkj gt"ctg"vj g'ej cmgpi gu'vj cv'vj g{ "hceg0J qy gxgt. "vj gtg'ctg"ugxgtcn'eqo o qp"tgcuppu'y j { "vggpci gtu" o c{ "dgi kp"vq"gzr gtko gpv'y kj "f twi u'qt"creaj qnl'vj g'htu'r rceg0Rrgt"Rtguwtg<Vj g'P cvkqpcn'kpuakwag" qp"ftwi "Cdwug"eqpf wevgf "c"uwtxg{ "kp"4238"cpf "f lueqxtgf "vj cv'30 "o knkqp"cf qrguegpv'ci gu"34"o"39" { gctu'qrf "j cf "wugf "knk'ek'f twi u'y kj kp"52"fc { u'qh'vj g'wtxg{0

**KEY WORDS**<Vggp.i qqf "i tcf gu"gztcwttlewrcti.creaj qnl'qi i rg."pcxki cvkp."r ggt'r tguwtg"knk'ek'f twi ." cf qrguegpv'0

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### PRELIMINARY IN VITRO PROPAGATION TRIALS OF CACTUS *OPUNTIA ROBUSTA*

*Dr. Chokri BAYOUDH*

*NT43CI T25/Rt qf wekqp"cpf "Rt qvgevkap"lqt "c "Umnckpcdirg"J qt vkwmmwt g. "Tgi kqpcnTgugcte j "Egprv g"qp" J qt vkwmmwt g"cpf "Qti cpke"Ci t kwmwt g"\*ETTJ CD+ '6264'Ej qw/O ct kgo . "K'GUC. "Vwpkuk. "'*

*Mrs Afifa MAJDOUB*

*Tgi kqpcnTgugcte j "Egprv g"qp"J qt vkwmmwt g"cpf "Qti cpke"Ci t kwmwt g"\*ETTJ CD+ '6264'Ej qw/O ct kgo . "K'GUC. "Vwpkuk. O'*

*Pr. Taoufik BETTAIEB*

*Ncdqtcvqt { "qhJ qt vkwmmwt cn'Uekgpegu. "Pcvkqpcn"Ci t qpqo ke "K'pukwng"qh"Vwpkuk. "Wpkxgt ukv' qh" Ectvj ci g. '65"Cxgprwg"Ej ct rgu"Pl eqng. '32: 4"Vwpku. "Vwpkuk. O'*

#### ABSTRACT

Ecewu\**Qr wprk* "ur gelgu+ku"e "tcf kkkpcn'etqr . 'kp"Vwpkuk. 'y j qug'lt wku'ctg'j ki j n' "cr r tgekvf 0Ecewu'ku" cnuq" c" uqwtg" qh' hqf f gt" kp" ctkf " cpf " ugo k'ctkf " tgi kqpu " hggf kpi " cdqw' 62/72' " qh'uo cni' two kpcpu' J qy gxgt. "gpqto qwu'f co ci g"j cu'dggp"ecwuf "d{ "y j g"O gzkecp"eqej kpgcn"\**Fcev rqr ku'eqeemu*+"y j lej " j cu'kpxcf gf "cm'ecewu/i tqy kpi "ctgcu'0k"qtf gt "vq"gpumt g'tcr kf "o cuu'r tqf wekqp"qh'v'j g"ug"*Qr wprk* "ur gelgu." o letqr tqr ci cvkqp"ku"v'j g"o quv"gh'gevkg"cngtpc'vkg'0k"v'j ku"eqpvzv."c"o letqr tqr ci cvkqp"r tqvqen"ht" *Qr wprk* "tqdmuc. "tgukncpv"v'j g"eqej kpgcn"*Fcev rqr ku'eqeemu*."y cu'f gxgnr gf "vq"gpumt g'tcr kf "o cuu' r tqr ci cvkqp"qh's wcrkv' "r rcpw'0F wtkpi "v'j ku'r tqvqen"v'j g"v'j qtqwi j "f k'ph'gevkap"qh' { qwpi "ercf qf gu'y kj " 20' "J i Eni'r tqxgf "v'j dg"gh'ekgpv'cpf "gpumt gf "cp"gzr rcpvf k'ph'gevkap"tcvg"qh": ; 0 9' 0'

Rtgrko k'pct { "v'lcni"qh' *Q0'tqdmuc* "kp"v'xhtq"r tqr ci cvkqp" qp"RQO "o gf kc" gptlej gf "y kj "v'j g"e { v'qnkpgu" o gcvqr qnkpg"o V+cpf "dgp| { r'cf gplkg"\*DCR+c'vc'tcvg"qh'20'. '3. '4'cpf "5"o i h'uj qy gf "v'j cv'DCR"ku"o qtg" gh'ekgpv'v'j cp"o V"cpf "v'j cv'O s"o gf kwo "eqpv'k'kpi "4"o i "qh'DCR"i cxg"v'j g'j ki j guv'o wnr r'kecvkap"tcvg" \*50 ; -0' J qy gxgt. "y kj "v'j ku' ewmwtg" o gf kwo . " tgr'v'xgn { "j ki j "tcvgu" qh' g'zr rcpv' pgetquku' \*97' + "cpf" ecmqi gpguku"\*; 8' + "y gtg"tgi kugtgf 0'Vj g"rny guv'o wnr r'kecvkap"tcvg"\*3048+"y cu'qdv'k'p'gf "y kj "20"o i "DCR0"

*K'p'xhtq* "tqqv'kpi "v'lcni"qh' *Q0'tqdmuc* "r rcpv'gu'qp"RQO "o gf kc"uwr r ngo gpv'gf "y kj "PCC"r'gcf gf "v'c"j ki j guv' tqqv'kpi "tcvg"\*: 703' + "cpf "r'pi guv'tqqv"\*: 076"eo + "qp"v'j g"o gf kwo "uwr r ngo gpv'gf "y kj "30"o i "PCC0"

**Keywords:** "*Qr wprk* "tqdmuc. "o letqr tqr ci cvkqp."e { v'qnkpgu"o wnr r'kecvkap"uwr . "tqqv'kpi 0"

"  
"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### APPLICATION OF DYE ON COTTON FABRIC EXTRACTED FROM HENNA LEAVES (LAWSONIA INERMIS)

*Hannatu Abubakar Sani and Miftahu Muhammad*

*F g r c t v o g p v' q h' R w t g' c p f' k p f w a t k e n' E j g o k a t' { "*

*M g d d k' U c v g' W p k x g t u k' q h' U e k g p e g' c p f' V g e j p a r q i { . ' C r g k t q . ' M g d d k' U c v g . ' P k i g t k "*

#### ABSTRACT

F gur kag'vj g'vgo gpf qwa'wug'qh'u{pvj gvle'f {g0Vj g'dkqf gi tcf cdkk'k'."pqp/vzkek'k'."pqp/ectekpqi gple"cpf " uwducpvkxg'pcwtg'qh'pcwtcnf {gu'o cngu'vj go 'wpls vg'hqt'vj g'f {kpi 'ugrgekqpoJ gppc'Ncy uqpk'kpgto k+-' rxcxgu'ku'qpg'qh'vj g'cpekgpvf {g'wugf "d{ "gi {r vcp'o wo o kgu'kp'f {kpi 'vj gk'pcku. Y cvgt'eqrf "o cegtckqp" y cu' wugf "vq" gzvtcev'vj g'f {g'ltqo "vj g"j gppc"r qy f gtgf "rxcxgu'Xctkqwu"o qtf cpw'uwej "cu'r qvcuj ." co o qpkwo 'uwr j cvg.'r qvcukwo 'cnwo .j {f tqwr j cvg'cpf 'ecwuke'uf c'y gtg'wugf 'cu'hkzkipi "ci gpv0Eqwqp" hcdtle'cu'qpg'qh'vj g'o qu'cxckrdig'hcdtle'kp'o {"mccrk' "y cu'wugf "vq'vgu'vj g'cr r rdecvkqp"cpf "hcuvguu" s wcrk' "qh'j gppc' rxcxgu'f {g'y kj "cpf "y kj qw'o qtf cpv0Hqo "vj g'tguwn'qdvckpgf . "Rqvcukwo 'cnwo "cpf " Co o qpkwo "uwr j cvg' "oI k j k l p / r n g o + " u j q y u j k i j " h k z k p i " t c v g " v j c p " u c n " c p f " r q v c u j . " y j k r g " e c w u k e " u q f c " c p f " j { f t q w r j c v g " u j q y u ' p q " e j c p i g " c u ' c " h k z k p i " c i g p v ' f v g " v q " v j g " h y " v g o r g t c w t g 0 k p " e q p e n w u k q p . " j g p p c " g z v t c e v g f " f { g " e c p " d g " w u g " k p " k p f w a t k g u " h q t " k o r c t v k p i " e q r q t u " v q " v g z v k r g " p q v ' q p n { " h q t " e q u o g v k e u " c p f " d q f { " f g e q t c v k q p 0 ' V j k u " y k m ' v k i i g t " c " i t q y k p i " p g g f " h q t " q t i c p l e " e n y j k p i " h q t " g p x k t q p o g p v c m { " e q p u e k q w u " e q p u w o g t u 0

**Keywords:** P cw t c n f { g . " J g p p c . " O q t f c p v ' c p f " J g p p c 0

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MARINE POLLUTION AFFECT REPRODUCTION OF BIVALVES IN ANNABA ESTUARIES

LADOUALI Zeyneb, ABDENNOUR Cherif, Loudjeni Farida, Ladaci Hadjer

Ncdqtcvqt { "qhlCpko cn'Geqrj { ukqrqi { . 'F grctwo gpv'qhlDkqrqi { . 'Hcewn { "qhlUekgpegu. 'Wpkxgt ukv { 'Dcf lk' O qnj xct/Cppcdc. 'Cppcdc'45222. 'Cri gtk "

"

#### ABSTRACT

Vj ki"uwf { "gzco kpgu" j qy "gpxktqpo gpvcn' utguuqtu" chgevtgr tqf wekxg" dkqo ctngtu" kp" o crg "F qpcz" vtwpewmu" o wuugnu" ugtxkpi "cu" ugpvkpgn" ur gelgu" cmppi "Cppcdc" Dc { . "cp" ctgc" ko rcevgt "d { "kpf wutken" ci tlewwtncn" cpf "f qo guke" r qmwkqp0Ur geko gpu'y gtg" eqmgevgf "kp" y kpygt "ltqo "c" tghgtgpeg" ukv "U3+" cpf "ltqo "ukgu" gzr qugf "vq" wptgcvgf "ugy ci g" "U4+" cpf "o kzgf "r qmwcpw" "U5+0Mg { "tgr tqf wekxg" kpf lecvtu" cpcn { | gf "kpenf gf "vgulewrt" ur gto "eqpegpvtcvkqp. "o qvkrk { "cpf "xgrqekv { "kp" o wuugnu" ltqo "r qmwgf "ukgu" kpf lecvkpi "vj cv'o crg" tgr tqf wekxg" j gcmj "kp" vj gug' ugpvkpgn' ur gelgu' ku' ugpukxg" vq" ur gektle "r qmwkqp" v { r gu" cv'gcej "ukg0

**Keywords:** "F qpcz" vtwpewmu "tgr tqf wekqp. "ur gto "s wcrkv { . "r qmwkqp"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### BIOLOGICAL FACTORS AS INFLUENCERS OF GIRL-CHILD EDUCATIONAL DEVELOPMENT

*Dr. Rabiu Garba Ahmad and Auwalu Haladu*

*F g r c t w o g p v' q h' D k q m i { . ' U e j q q n' q h' U e k g p e g' G f w e c v k q p . "*

*U c } c f c w' T k o k' E q n g i g' q h' G f w e c v k q p' M w o d q w u q' M c p q . ' P k i g t k c O'*

'''

#### ABSTRACT

Dkqmi kecn' hcevtu' uwej "cu'pwtkkqp."i gpf gt."dtckp."i gpgv'eu'cpf "vj g'rkngu'kphwpeg'rgctpkpi "cdkkrv{0Vj ku' ku'dgecvug."j gtgf kct { 'hcevtu'ctg'tcpuo kwgf 'htqo 'r ctgpw'vq'qhur tkpi "cpf "vj gug'j gtgf kct { 'hcevtu'vj cv' kphwpeg" rgctpkpi "ctg" vj gtghqtg" r j { ukecn' j gcmj " \*j g" pgtxqwu" u{ uwo " cpf " vj g" gpf qetkpg" u{ uwo +0' Hwtvj gto qtg."gctn{ 'ej kf "gf wecvkqp'cpf 'f gxgnr o gpv'ecp'cnuq'kphwpeg'd{ 'xctkqwu'dkqmi kecn'j gtgf kct { " cu'y gnl'cu'gpxkqpo gpvcn'hcevtu'0Vj ku'ecp'r r c { "c'xkcn'tqng'qp'ej kf "dqj "r qukkxgn{ "cpf "pgi cvkxgn{ "cu' y gnl'0Vj ku'ku'dgecvug"ku'r ctco qwpv'kp" f gxgnr o gpvcn'uci g"kp'ej kf 0'K'ecp'cnuq'vcng'r ctv'kp'ej kf u' f gxgnr o gpv."gf wecvkqp'r ctv'wrtn{ "cv'r tgi pcpe{ "cpf "gctn{ 'ej kf j qgf 0'Ngctpkpi "ku'qh'i tgcv'uki p'khecpv' kp"vj g" f gxgnr o gpv'qh'ej kf "cpf "vcngu"ko r qtvcpv'r ctv'kp"rkq"cevkxkku'0Vj gtghqtg."j gtg"kp."f k'htgtpv' f k'htgtpv'dkqmi kecn'hcevtu'vj cv'ecp'kphwpeg"i kn'ej kf u'gf wecvkqpcn'f gxgnr o gpv'ctg'tgxkgy gf "cpf " cff tguugf 0' Uqo g" r qukkng" uwi i gukqpu" qt" tgeqo o gpf cvkqpu" hqt" dgwgt" gf wecvkqpcn' f gxgnr o gpv' tgi ctf kpi "vj g'wo g'ctg'cnuq'tgr qtvgf 0'

**Keywords:** I kn'Ej kf . 'Ngctpkpi . 'Gf wecvkqp . 'F gxgnr o gpv.'Dkqmi kecn'hcevtu'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### PHYTOCHEMICAL SCREENING AND ANTIMICROBIAL ACTIVITY OF AQUEOUS ROOTS EXTRACT OF *GUIERA SENEGALENSIS*

<sup>1</sup>Ahmed Attahiru, <sup>2</sup>Bashar Attahiru and <sup>1</sup>Aminu H. Muhammad

<sup>3</sup>F grctwo gpv'qhl'Rwt g'cpf 'kpf wmt kcn'Ej go km {.'Hcewn' 'qhl'Rj { ukecn'Uekgpegu"

Mgddk'Ucvg'Wplxgt uk' 'qhl'Uekgpeg'cpf 'Vgej pqrqi {.'Ckgt q"

Pki gtlc"

<sup>4</sup>F grctwo gpv'qhl'O ketqdkqrqi {.'Hcewn' 'qhl'Nkg'Uekgpegu""

Mgddk'Ucvg'Wplxgt uk' 'qhl'Uekgpeg'cpf 'Vgej pqrqi {.'Ckgt q"

Pki gtlc"

#### ABSTRACT

*I wgtc'ugpgi cngpuku'ku'c'lmq gtlpi 'r rcpv'i gpwu'kp'vj g'hco kn' "eqo dt gw egc gOI wgtc'ugpgi cngpuku'ku'vj g' qpn' 'mpqy p'ur gekgu'kp'vj g'i gpwu. 'hqwpf 'kp'Vtqr kecn'Clk'ec'kp'f t { 'ctgcu'tgs wtkpi 'o wej 'lwprki j v'cpf 'iki j v' f t { 'uqkn'Vj g'cko "qh'vj ku'tgugctej 'y qtnilku'vq'kpxguki cvg'vj g'cpko ketqdkcn'cevxkv' "Itqo 'tqqwu'qhl'I wgtc' " ugpgi cngpuku'ci ckwu'Ucrj kmqeqewu'cwt gwu.'Guej gt kekc 'eqrk'cpf 'Dceknwu'lmwvkrku'Vj g'r rcpv'tqqwu'y gtg' eqmgevgf 'Itqo 'Wpi wy ct'I cmf ko c'xkmi g'öCkgtqö'vqy p'Mgddk'Ucvg.'P ki gtlc'Vj g'r rcpv'r qy f gt "422" i +'y cu'o cegtcvgf 'y kj '822'o n'qhl'y cvgt 'kp'c'3222'o n'eqplecn'hcunlht'94'j qwtu'Vj g'o kzwg'y cu'kngt'gf " wulpi 'Y cvj o cp'kngt'r cr gt'pwo dgt'qpg.'vj g'kntcvg'y cu'cmqy gf 'vq'gxcr qtcvg'Vj g'gzv'cev'y cu'wugf 'hqt' r j { v'qej go kecn'uetggpkpi "cpf 'hqt'vj g'f gvtgo kpcv'kp'qh'cpko ketqdkcn'cevxkv' "d { 'f kue'f khwukp"o gvj qf " wulpi "O wgmt'J kpvq'ci ct"o gf kwo . 'f kunkmf "y cvgt'y cu'wugf "cu'pgi cvxg'eqpvtqn'cpf "ekr tqhmzcekp"cu' r qukvxg'eqpvtqn'Vj g'tgumnu'qhl'r j { v'qej go kecn'kpxguki cvkqp'qh'vj g'etwf g'cs wqqu'gzv'cev'tgxgcrf "vj g' r t'gugpeg" qh' v'cppku" wgtqkf u" ucr qpkpu" cmcmkf u" r j gpqu" i n'eqkf gu" hcxqpkf u" v'gtr gpqkf u" cpf " cpvj tcs wkpqpgu'Vj g'cpko ketqdkcn'cevxkv' "qh'I wgtc'ugpgi cngpuku"cs wqqu'tqqwu'gzv'cev'uj qy u'vj cv' Ucrj kmqeqewu'cwt gwu'j cu'vj g'j ki j gw'cevxkv' "hqt"cm'vj g'eqpegpvcv'kpu"R>2027+KQ047"o i b n"72" o i b n'cpf '97"o i l'o n'7"o o . '9"o o "cpf " : "o o +'hmqy gf "d { "Dceknwu'lmwvkrku"5"o o . '6"o o "cpf '8"o o + " cpf "vj gp'ruw' "hmqy gf "d { 'Guej gt kekc 'eqrk"3"o o . '4"o o "cpf '6"o o +0Cm'vj g'vugf "eqpegpvcv'kpu'ctg" dg{qpf "vj cv'qhl'ekr tqhmzcekp'Vj ku'uwf { 'uwi i gungf "vj cv'I wgtc'ugpgi cngpuku'tqqwu'gzv'cev'o ki j v'dg'wugf " cu'c'r qv'pvcn'cpko ketqdkcn'ci gp'Vj g'cevxkv' "eqwf "dg'f wg'vq'vj g'r t'gugpeg'qh'ugeqpf ct { "o g'cdqkv'ku'kp" vj g'tqqwu'gzv'cev'qh'vj g'r rcpv'*

**Key Words:** *I wgtc'ugpgi cngpuku.* 'Eqpegpvcv'kpu. 'Ekr tqhmzcekp. 'r j { v'qej go kecn. 'Cpko ketqdkcn'f

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### COMPARATIVE ANTIFUNGAL ACTIVITY OF METHANOL LEAVES EXTRACT OF *KHAYA SENEGALENSIS*

Ahmed Attahiru

*F grctwo gpv'qhl'Rwtg'cpf 'Kpf wmtkn'Ej go kam { 'Hc ewn' 'qhl'Rj { ukcni'Uekgpegu"*

*Mgddk'Ucvg'Wplxgt uk' 'qhl'Uekgpeg'cpf 'Vgej pqrqi { 'Ckgt q"*

*Pki gtlc"*

#### ABSTRACT

*Mj c { c 'ugpgi crgpuku'ku'c'tgg'hqwpf 'kp'vj g'lxo kn' 'qhl'O gkcegc'cpf 'ku'pcvkg'vq'ChlecOT gukcpeg'qhl' guv' ci cklpu'hwpi kelf gu'ku'c'eqo o qp'cpf 'kpetgcukpi 'r tqdrgo . 'y kj 'ko r cev'qp'dqv 'r rcpvu'cpf 'cpko cni'j gcnj " y j kej "o cng'cp'wti gpv'pggf "hqt"vj g'f gxrqr o gpv'qhl'pgy "hwpi kelf gu'Vj g'c'ko "qhl'vj ku'tgugctej "ku'vq' eqo r ctg'vj g'cpv'hwpi cni'ce'v'kw' 'qhl'o gjv cpqn'cpf "cs wgwu'ngcxgu'gzv'ce'v'qhl'Mj c { c 'ugpgi crgpuku'ci cklpu' ku'rcv'gf "hwpi k' \*Ecpf kfc" cndkecpu." Curgti kmu'pki gt"cpf "Curgti kmu'hw ki cwmu'Vj g"uco r ng"y cu' eqmgevgf "kp'O cngtc'ctgc'oCkgtqo'Mgddk'Ucvg."P ki gtlc'Gz'v'ce'v'qpu'y g'g'f qpg'wukpi "eqf "o cegt'v'q'p' o gjv qf O'Y gmf k'hwuk'p'y cu'vj g'o gjv qf "wugf "hqt'cpv'hwpi cni'lxg'unki cv'q'p'y kj "f k'htg'gpv'eqpeg'v'c'v'q'p' qhl'62." : 2"cpf "342"o i lo n'cpf "eqo r ctg'f "y kj "c"ucpf ct'f "cpv'hwpi cni'f twi "ngv'eqep' qrg-'cu'r qu'k'x'g' eqpvt'q'v'v'q'F g'z'v'q'ug"Ci ct' \*Rf C'+y cu'wugf "cu'o gf k'o'Rj { v'ej go k'cni't'gu'wu' hqt"o gjv cpqn'cpf " cs wgwu' gz'v'ce'v' u'j qy gf " vj g' r t'g'p'eg' qh" cpvj t'q's w'p'q'p'gu " h'c'x'q'p'k'f u " u'g't'q'k'f u " u'c'r q'p'k'u " v'p'p'k'u " r j g'p'q'u " e'c't'f k'c " i n'f e'q'k'f g'u " c'm'e'q'k'f u " c'p'f " v'g't'r g'p'q'k'f u'Vj g"t'g'u'wu' qh" cpv'hwpi cni'ce'v'kw' 'qhl'Mj c { c " ugpgi crgpuku'b gjv cpqn'ngcxgu'gz'v'ce'v'ij qy u'j ki j "cpv'hwpi cni'ce'v'kw' 'ci cklpu'Curgti kmu'pki gt' hqt'cni'vj g' v'g'u'gf "eqpeg'v'c'v'q'p'v'j cv'ku'62"o i lo n": 2"o i lo n'cpf "342"o i lo n", "o o ."35"o o "cpf "39"o o +h'q'm'y gf " d { "Curgti kmu'hw ki cwmu'\*8"o o ."32"o o "cpf "36"o o +cpf "vj gp'h'q'm'y gf "d { "Ecpf kfc" cndkecpu"\*4"o o ."8" o o "cpf ", "o o +Hqt'cs wgwu'ngcxgu'gz'v'ce'v'Curgti kmu'hw ki cwmu'ij qy u'j ki j "cpv'hwpi cni'ce'v'kw' '\*6"o o ." : "o o "cpf "34"o o +h'q'm'y "d { "Curgti kmu'pki gt"\*4"o o ."7"o o "cpf "9"o o +cpf "vj gp'h'q'm'y gf "d { "Ecpf kfc" cndkecpu"\*2"o o ."3"o o "cpf "5"o o +Hqt'cni'vj g'hwpi k'ku'rc'v'gu'cpf "eqpeg'v'c'v'q'p'v'j cpqn'gz'v'ce'v'ij qy u' vj g'j ki j g'u'cpv'hwpi cni'ce'v'kw' "eqo r ctg'f "v'q'cs wgwu'gz'v'ce'v'v'q' "v'j g't'g'u'wu'k'ecp'dg'eqpen'f gf "vj cv' Mj c { c 'ugpgi crgpuku'ngcxgu'j cxg'j ki j 'r q'v'p'v'c'n'c'u'c't'g'u'q'w'eg'hqt'vj g'f g'x'g'r' o g'p'v'q'h'p'gy "v'c'ti g'v'hwpi kelf g" h'q'to w'v'v'q'p'u'y j kej "o ki j v'dg'f w'g'v'q'vj g'r t'g'p'eg'qhl'ugeqpf ct { "o g'c'd'q'k'g'u'v'*

**Keywords:** *Mj c { c 'ugpgi crgpuku' Ngcxgu' Cp'v'hwpi cni' Hwpi k' Ku'rc'v'gu' Eqpeg'v'c'v'q'p'u'*

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MEDICAL PHYSICS – A PANACEA TO OVER INCREASING HEALTH CHALLENGES IN OUR MODERN DAY SOCIETY

*Ndako Mohammed*

*F grctwo gpv'qhlRj { ukeu. 'Vj g'Hgf gtcn'Rqr{ vgej pke'R00D'77'Df c'Pki gt 'Ucvg. 'Pki gtlc "*

*Dr. Dada O. Michael*

*F grctwo gpv'qhlRj { ukeu. 'Vj g'Hgf gtcn'Wpkxgt ukv{ 'qhlVgej pqrqi { 'R00D'87"*

*"O kppc 'Pki gt 'Ucvg. 'Pki gtlc "*

*Prof. Awojoyogbe O. Bamidele*

*F grctwo gpv'qhlRj { ukeu. 'Vj g'Hgf gtcn'Wpkxgt ukv{ 'qhlVgej pqrqi { 'R00D'87"*

*"O kppc 'Pki gt 'Ucvg. 'Pki gtlc "*

#### ABSTRACT "

Vj ku'r cr gt 'r tqxkf gu'c'v'j qtqwi j "qxgtxlgy "qhl'v' g'xkcnltqng'f kci pquke"o gf lecnr j { ukekun'r r { "kp"v'j g'Hgrf " qh'bo gf lekpg'cu'luqmwkqpu'v'q'xctkqwu'j gcnj 'ej cmgpi gu'ncegf 'v'qf c { 0Vj g'r cr gt'kpxguki cvgu'v'j g'tgrv'kpuj kr " dgwy ggp" o gf lecn' r tcevegu" cpf " r j { ukeu" j ki j rki j w' v'j g" hmpf co gpvcn' tqng' v'j cv' r j { ukeu" r r { u' " kp" wpf gtucpf kpi " v'j g" equo qu" cpf " qwv'kpgu' v'j g" pwo gtqwu' cr r rkecv'kpu' qh' r j { ukeu" o gf lecn' r j { ukeu" kp" r ct'v'wct'0 Vj g" r cr gt'u" o clp" hqewu' ku' qp" v'j g" o cp { " cr r rkecv'kpu' qh' o gf lecn' r j { ukeu" gur gekcm { " kp" f kci pquke"ko ci kpi . 'y j lej "kpenf gu'pwenget"o gf lekpg. 'tcf kcv'kpu'v'j gter { . "O TKu. 'E V'uecpu. 'Z /tc { u'cpf " wntcuqwpf 0K'cnu' hqewu'qp'O gf lecn'v'j gter { 'qhl'cm'v'j g'ug'ckm gpw'j ki j rki j v'f 'cpf 'qv'j gtu'pqv'o gpv'kppgf " v'j tqwi j " cf o kpkngtkpi " dqv' " v'j gto qv'j gter { " cpf " tef kv'j gter { 0 " Vj g'g' ku' cp" kp/f gr v'j " f kuewukqp" qh' ur gekrik' gf 'Hgrf u'we'j 'cu'tcf kcv'kpu' r tqvev'kpu. 'pwenget"o gf lekpg. 'f kci pquke'tcf kv'j gter { . 'cpf 'tcf kv'j gter { " r j { ukeu'0Vj g'cwj qtu'utgu'v'j g'lo r qtvcpeg'qhl'bo gf lecnr j { ukeu'kp'v'j g'r tgxgpv'kpu. 'f kci pquke'cpf 't'gevo gpv' qh'f kugcug." r tqxkf kpi " pgy " v'gej pqrqi kgu'we'j " cu'Rquktqp/Go kuu'kpu"Vqo qi ter j { " \*RGV+"v'j cv'r tqxkf g" kpu'ki j w'kp'v'utv'wctn'cpf " d'kqmi lecn'ej cpi gu'0Vj g'ct'v'eng"qww'kpgu'v'j g'f w'kgu'qh'f kci pquke"o gf lecn' r j { ukekun' 'kpenf kpi 's wcrk'v' 'cu'wctpeg'cpf 'eqpvtqncu'y gnl'cu'gs wkr o gpv'gxcn'v'kpu'cpf 'eqo r rkepeg'0Vj g' etk'lecn'tqng'v'j cv'tcf kcv'kpu'v'gevo gpv'r tqi tco u'r r { "kp" r t'gug'xlkpi " r cv'kpv." uclh'cpf " r wdrle" uchgv' " ku" go r j cu'k' gf 0Vj g'cwj qtu'f kuewuu'j qy " o qf gtp'tcf kcv'kpu'v'j gter { " ku'dgego kpi " o qtg'eqo r r'gz'cpf " j qy " ko r qtvcpv'utqpi " r tqveqnu'ctg"ht" r cv'kpv'uchgv'0Vj g"ko r qtvcpv'tqng'v'j cv'o gf lecn' r j { ukekun'r r { "kp" i wctcpvggkpi " v'j g" j ki j gu'wcpf ctf u'qh' o gf lecn'ectg"ku'j ki j rki j v'f . "cmqi " y kj " v'j g" Gwtqr gcp'Wpkqp'u" gh'qt'u'v'q'wcpf ctf k' g'tcf kv'j gter { "v'gevo gpw"co qpi "ku"o go dgt'ucv'gu'0K'ku'tgego o gpf gf "v'j cv'v'j g" j gcnj "ectg"u'v'go "pggf u'o gf lecn' r j { ukekun'eqpegr v'cpf " r tqeguugu"pqy " o qtg"v'j cp" gxgt" dgh'qtg"v'q" gpj cpeg'bo qtg'gh'ge'v'kg. 'gh'ke'kpv's wcrk'v' 'cpf 'ch'htf cdng'j gcnj 'ectg'f gr'kxgt { 'kp'qwt'bo qf gtp'f c { 'u'ekgv'0

**Keywords:** O gf lecn'Rj { ukeu. 'O gf lekpg. 'Wntcuqple. 'S wcrk'v' 'eqpvtqncu'gs wkr o gpv. 'O gf lecn' r j { ukekun'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DETERMINANTS OF HEALTHCARE-ASSOCIATED INFECTIONS IN A UNIVERSITY HOSPITAL IN SFAX, TUNISIA

*Zeineb Mallek, Maroua Trigui, Emna Mziou, Fedi Ben Dhaou, Mbarka Massouri, Mahdi Hajlawi, Saida Hbib, Mondher Kassis*

*J { i kpgg'F gr ctvo gpv'J cdkl'Dqwti wkd 'Wpkxgt ukf 'J qur kcn'Ucz.'Vwpkuk "*

"

#### ABSTRACT

**Background :** J gcmj ectg/cuuqekcvf "kphgevkpu"\*J CKi"ctg"tgur qpukdrg"htq"uki pkklecpv'o qtdkf kf "cpf" rgy crk{ 0Vj gk"r tgxgpvkp"kpqxmg'u'tgeqi pl kpi "cpf" kf gpvkh{kpi "vj g'tkum'hcevqtu"vj cv'eqpvtkdwg"vq"vj gk" f gxgnr o gpv'0Vj g"uwf { "cko gf "vq" f gvgto kpg"vj g'tkum'hcevqtu"htq"J CKi"co qpi "vj qug"tgr qtvgf "vq"vj g" J qur kcn'J { i kpgg'F gr ctvo gpv'cv'J cdkl'Dqwti wkd 'Wpkxgtukf 'J qur kcn'0

**Methods :** Y g'eqpf wvfg "c'tgtgur gevkg'etqu/ugevkpcn'uwf { 'f wtkpi "vj g'r gtkqf "htqo 'Icpwct { "vq"Cr tki" 4246"co qpi "r cvkpw"j qur kcn'kf gf "kp"J cdkl'Dqwti wkd"j qur kcn'kp"Ucz.'Vwpkuk"y j q'hgcwtgf "J CKj cv" y gtg"tgr qtvgf "d{ "vj g'tgrxcpv'f gr ctvo gpv'vq"vj g"j { i kpgg'qr gcvkqpcn'vgo 0Y g'uwf kcf "vj g'tkum'hcevqtu" qh'vj g'qewttgpeg"qh'vj gug"J CK0

**Results :** Grgxgp"J CKi'y gtg'tgr qtvgf "vq"vj g"J { i kpgg'F gr ctvo gpv'0Vj g'uwf { "qh'vj g'kpvtkpue" f gvgto kpcpw" uij qy gf "vj cv'490" "qh'r cvkpw"\*P ?5+y gtg'qxgt"87" { gctu "vj g'cxgtci g'ngpi vj "qh"j qur kcn'uw { "htq"vj qug" r cvkpw"y cu"4: 086" f c { u'082087."670" " \*P ?7+"qh'r cvkpw"y gtg'kphgevgf "htqo "vj g'xgt { "dgi kppkpi "qh" cf o kukp."940" " \*P ? : "+" cf "c"j kxqt { "qh"j qur kcn'k cvkpw"y kj kp"8"o qpj u "cpf"490" " \*P ?5+"j cf "cp" kphgevkpu"gr kuqf g'8"o qpj u'ci q0kphgevkpu"y gtg'gpeqwpvgf "kp"850" " \*P ?9+"qh'ecugu"kp"kvpgukg'ectg" wpku"cpf "kp"3: 0" " \*P ?4+"vj g"ukf g"qh"j qur kcn'k cvkpw"kp"vj g"ugtxleg0"kp"cf f kkp." : 30 " " \*P ? : "+" cf " wpf gti qpg'lwti gt { "y kj kp"52" f c { u "cpf"670" " \*P ?7+"qh'vj go "j cf "tgegkxgf "cpvdkvle"r tqj { "rzku"y j lej " kp"580" "qh'ecugu"\*P ?6+y cu"u'kpi ng"t qug0Cu"htq"r cvkpw"j kxqt { ."490" " \*P ?5+y gtg'ko o wqf ghekgpv." ; 0" " \*P ?3+" f kcdgkue" cpf " 32" " \*P ?3+" uwhtgf " htqo " qxgty gki j v" \*DO K02+0' Cu" htq" gzvtpuke" f gvgto kpcpw"qh"vj g'qewttgpeg"qh"J CKi"940" " \*P ? : "+" cf "c" wtkpct { "ecj gvgtk cvkpw." ; 2" " \*P ? : "+" c" r gtr j gtr'xcuewrt"ecj gvgt "kp"vj g'ruv'9" f c { u"490" " \*P ?5+"c" uwdekwpgqu"ecj gvgt "cpf"550" " \*P ?5+" c'egpvcn'xcuewrt"ecj gvgt0"kp"cf f kkp." : 2" " \*P ? : "+"qh'vj go "y gtg'o gej cplecmf "xgpvkrvgf ."590" " \*P ?5+" y gtg" wcej gquqo k gf ."32" " \*P ?3+"j cf "tgegkxgf" j go qf kcn'uku" cpf "52" " \*P ?5+"j cf "tgegkxgf" ej guv' f tckpci g0

**Conclusion :** Vj g'hcevqtu"eqpvtkdwkpi "vq"vj g'f gxgnr o gpv'qh"J CKi"ctg"pwo gtqwu"cpf "kpvgtf gr gpf gpv'0 K gpvkh{kpi "cpf" r tkqtkk{kpi "vj gug'hcevqtu"j gr u'vq"dgwgt" f ktgev'cpf "vcti gv"J CKr tgxgpvkp"cpf "eqpvtkr' cevkvpu0

**Keywords :** J CKi."tkum'hcevqtu Vwpkuk"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CHARACTERISTICS OF HEALTHCARE ASSOCIATED INFECTIONS IN A SURGICAL UNIVERSITY HOSPITAL

*Zeineb Mallek, Maroua Trigui, Emna Mziou, Fedi Ben Dhaou, Mbarka Massouri, Mahdi Hajlawi, Saida Hbib, Mondher Kassis*

*J { i kpgg'F gr ctvo gpv.'J cdkl'Dqwti wkdc 'Wpkxgt ukf 'J qur kcn'Urcz.'Vwpkuk "*

#### ABSTRACT

**Background :** J gcmj ectg/cuuqekcvgf "kphgevkpu"\*J CKi"ctg"o clqt"r tqdrgo "kp"j qur kcnu'Rt'gxgpvkpi " vj go "ku'etwekn'vq"gpwtg"vj g"uchgv{ "qh"j qur kcnk' gf "r cvkpwu'k'f'cev."J CKi'gr qt'vki "ku'c"y ctpkpi "u{ uvggo " y j qug"o clp"qdl'gevkxg"ku'vq"eqpvtqn"J CKi'cpf "vq"guvdrkuj "rt'gxgpvkxg"o gcumtguo'

Vj g'cko "qh'qwt"uwf { "y cu'vq"f gvgto kpg'vj g'ej ctcevt'k'leu"qh"J CKi'tgr qt'vki "vq"vj g"J { i kpgg'F gr ctvo gpv' qh"J cdkl'Dqwti wkdc"J qur kcnk'p"Urcz."Vwpkuk"'

**Methods :** "Y g" eqpf vevgf "c" tgvqur gev'xg"uwf { "co qpi "r cvkpwu" y kj "J CKi" j qur kcnk' gf "kp"J cdkl' Dqwti wkdc"J qur kcnk'p"Urcz."Vwpkuk"itqo "Lcpwct { "vq"Cr tki'42460'Vj g"umtxg{ "y cu'ectk'kf "qw"ch'gt" tgr qt'vki "vj g"J CKi'd { "vj g"eqpegt'pgf "f gr ctvo gpw"dcugf "qp"vj g"r cvkpwu"o gf lecn'tgeqtf u'cpf "vj g" kphqto cvkqp'r tqxkf gf "d { "vj g'r gtuqp'tgur qpukdr'ht"vj g'cngt'0'

**Results :** Grgxgp"J CKi'y g'tg'tgr qt'vki 0'Vj g'cxgtci g'ci g'qh'vj g'kphgevgf "r cvkpwu"y cu'79067'0340 3" { gctu' y kj "c'ugz'tcvk'qh'606; 0'Vj g'f gr ctvo gpw'eqpegt'pgf "y g'tg'vj g'o gf lecn'k'p'v'p'k'x'g'ectg'v'p'k'x'g'670' =P ?7+ " vj g"ectf k'x'c'ew'ct"cpf "vj q'ceke"umt'gt { "v'p'k'x'g'5806' =P ?6+ "cpf "vj g"cp'gu'vj g'k'p'v'p'k'x'g'ectg'v'p'k'x'g' \*3: 0' =P ?4+0'Vj g"J CKi'y g'tg'tgr qt'vki "vq"vj g" { i kpgg'F gr ctvo gpv'd { "vj g"j qur kcnk'r j cto ce { "kp"670' =P ?7+qh'ecugu"cpf "d { "vj g'f gr ctvo gpv'ur g'x'k'k'q' "kp"5806' "qh'ecugu"p ?6+0'U'g'x'g'p"J CKi"8508' +y g'tg' enw'ug'gf "kphgevkpuo'

Vj g'o clp"uk'gu'qh"J CKi'y g'tg'r wro qpct { "8508' =P ?9+ "ec'vj g'vt/g'rc'v'gf \*3: 0' =P ?4+ "cpf "umt' k'cn'k'k'g' \*; 0' =P ?3+0'Vj g'o clp"i gto u'k'f g'p'v'k'k'f "y g'tg" Mg'd'uk'g'm' "R'p'g'w' q'p'k'g"5806' =P ?6+ "R'ug'v'f q'o q'p'c'u' C'g't'w'i k'p'q'u'c" \*3: 0' =P ?4+ "cpf "E'c'p'f'k'f'c' "V't'q'r k'c'n'k'i"4909' "P ?5+0' C'ee'q't'f k'p'i "vq"vj g'c'p'v'k'k'q'i t'co "q't"vj g' h'v'p'i k'i t'co . "5806' "qh'vj g"i gto u'p ?6+ "y g'tg"o w'k'k'g'v'k'k'p'v'c'p'f "3: 0' "P ?4+ "y g'tg"j k'j n' { "t'g'k'k'c'p'v'0' C'p'v'k'k'q'v'k' "vj g'ter { "y cu'v'ct'i g'v'gf "kp"62' "qh'ecugu"p ?6+0' R'c'v'k'p'u'v' g'tg" k'u'q'r'v'gf "q't"i t'q'w'gf "kp"vj g'v'co g' t'q'qo "kp"3: 0' "qh'ecugu"p ?4+ "c'v'vj g'v'ko g'qh'vj g'umtxg{0'

**Conclusion :** J CKi' tgr qt'vki "j cu"uj qy p"vj cv'vj g"o clqt'k'v{ "qh"J CKi" y g'tg" t'g'ur k'c'v'q't { "cpf "y g'tg" g'p'eq'w'p'v'g't'gf "o cl'p'n { "kp"j k'j /t'k'ni'k'p'h'g'v'k'p'f'gr ctvo gpw'0'F'g'ur k'g'vj g'tgr qt'vki "qh"J CKi'vq"vj g"J { i kpgg' F'gr ctvo gpv."vj g't'c'v'g'qh"J CKi'tgo cl'p'u'w'p'f'g't'g'uko cv'gf . "i k'x'g'p'vj g'r'c'c'n'q'h'k'p'x'q'k'x'go gpv'qh'c'm'j g'c'nj ectg" r'q'h'g'u'k'p'c'n'i"kp"vj g"J CKi' tgr qt'vki "u{ uvggo . "cpf "vj g'r'c'c'n'q'h'np'qy r'g'f i g"cd'q'w'"k'u'q'r'v'k'p'v' t'w'g'u'0' K'ku' g'u'g'p'v'k'n'v'q'v'g'r "w'v'c'k'p'k'p'i "c'p'f"cy ct'g'p'g'u'v'c'k'k'p'i "r't'q'i t'co u'cd'q'w'i q'q'f "j { i kpgg'r' t'c'v'k'g'u'k'p'j g'c'nj ectg" g'u'v'c'd'r'k'uj o gpw'0'

**Keywords**"<J CKi'tgr qt'vki "u{ uvggo . "Vwpkuk. "rt'gxgpvkq"

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#### RISK AND PROTECTIVE FACTORS OF EMOTIONAL EXHAUSTION IN WORKING UNIVERSITY STUDENTS. A HIERARCHICAL MULTIPLE REGRESSION ANALYSIS FOR EMOTIONAL EXHAUSTION

*Areeba Talib , Dr. Sayyeda Taskeen Zahra*

*Wpkxgt ukf "qh'Opci go gpv'cpf "Vgej pqrqi { .Rcnkacp"*

#### ABSTARCT

Vj ku'uwf { "kpxguki cvgf "y g"tgnv'kpuj kr u'co qpi "y qtm'uwf { "eqphlev."uqekn'ur r qtv."cpf "go qv'kpcn' gzj cwukqp'kp'y qtnkpi "wpkxgtukv' "uwf gpw'0Rwr quxg'uco r nki "utcvgi { "y cu'wugf "v'eqmgev'c"uco r ng'qh' 472'y qtnkpi "wpkxgtukv' "uwf gpw'372'o gp'cpf "372'y qo gp'htqo 'r wdike'cpf 'r tkxcvg'wpkxgtukv'ku'Ncj qtg'0 Vj g'ci g'qhr'ctv'ekr cpw'kp'uwf { "y cu'dgy ggp'3: "v'52" { gctv'qh'ci g'y kj "o gcp'ci g'qh'4506; "ÖUF? "408+0' O wmf ko gpukqpcn'Uecrg'qh'Rgtegkxgf "Uqekn'Uwr r qtv'x ko gv'gv'ci0"3; : : + "Dwtpqw'Uecrg"\*Ucrggo "( " O cj o qcf ."4233+."cpf "Y qtm'Uwf { "Eqphlev'Uecrg"\*Vcnk" ( \ "cj tc."4246+"y gtg'wugf 0'Vj g'kpf kpi u'qh' j kgtctej lecn'o wmr ng'tgi tguukp'cpcn' uku'tgxgcrngf "vj cv'j qy "uqekn'ur r qtv'ur gekm' "htqo "hco kn' "tgf weg" gh'gevu'qh'go qv'kpcn'gzj cwukqp'0'Vj g'tguwm'kpf kecvgf "vj cv'j ki j gt"y qtm'uwf { "eqphlev"\*kptcr gtuqpcn' r tqdngo u' cpf "ectggt"cpf "cecf go ke"ugvdcemi" y cu' uki pk'kecpw' ("cuuqekcvgf" y kj "i tgcvt" go qv'kpcn' gzj cwukqp'0'J qy gxgt."uqekn'ur r qtv'x hco kn' "ur r qtv+r r { gf "c"dw'htkpi "tqrg."tgf vekpi "vj g'ko r cev'qh' y qtm'uwf { "eqphlev'v'p'go qv'kpcn'gzj cwukqp'0'Vj gug'hkpf kpi u'wpf gtuqctgf "vj g'ko r qtv'peg'qh'ur r qtv'xg" pgvy qtm'ht' y qtnkpi "uwf gpw'j ki j nki j vki j qy "wpkxgtukv'ku'cpf "go r nq' gtu'j gr'gf "v'tgf weg'go qv'kpcn' gzj cwukqp'kp'y qtnkpi "wpkxgtukv' "uwf gpw'v' tqwi j "utvewt'gf "ur r qtv'u' ugo u'0'Vj gug'hkpf kpi u'j cxg" ko r rkecvkpu'ht' "eqv'pugr'kpi "qh'uwf gpw'y j q'f q'lqdu'cpf "uwf { "ukf g'd { "ukf g'0"

**Keywords.** "Uqekn'Uwr r qtv."Y qtm'Uwf { "Eqphlev.'Go qv'kpcn'Gzj cwukqp.'Hco kn' "Uwr r qtv.'kptcr gtuqpcn' Rtqdn'go u' "Ectggt"cpf "Cecf go ke"Ugvdcemi"

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#### THE EVOLUTION AND IMPACT OF ISLAMIC ARCHITECTURE IN CONTEMPORARY SOCIETY

*Fahim Yar Baig<sup>1</sup>*

<sup>3</sup> Ctej kgewt cni Gpi kpggt "cv" [ D'Gpi kpggt kpi "cpf "Ugt xkegu "J wp/c. "I ki k: "Rcnkac p0"

#### ABSTRACT

**Problem Statement** <Rtgugt xkpi "vj g'pcwtcn'cpf "ewwtcn'j gtkci g'ku'etweln'ht"o clpvc kpi "vj g'f gnekcv" dncpeg"dgvy ggp"j wo cp"etgcvkp"cpf "vj g'gpxktqpo gp0Vj tqwi j "uwpkpi "ctej kgewt cni'bo cuvtr kgegu " Kiro ke"ctej kgewt g'f go qputcvgu'vj g'kpi gpwv{ "cpf "y kuf qo "qh'vj g"cpugvqtu'k'k'pvgi tcvkpi "pcwtcn'cpf " ewwtcn'grgo gpv0

Tgugctej "qdlgevxgu"Vj ku'uwf { "clo u'vq"gzr nqtg"vj g'f gxnqr o gpv'cpf "kphwpeg"qh'Kiro ke"ctej kgewt g" k'vj g"eqpvzv'qh'o qf gtp"rktg."j ki j rki j vki "vj g"kpvgi tcvkq"qh'vcf kkpncn'grgo gpw'y kj "eqvgo r qtct { " f guki p" r tkpkr ngu' K' wpf gtueqtgu" vj g" ko r qtcpeg" qh'etqu/ewwtcn' gzej cpi g." o wwtcn' tgr gev." cpf " tgr qpukdg'ugy ctf uj kr "qh'vj g"gtvj ."egrdtcvki "vj g'uj ctgf "r tqetgcvkq"qh'j gtkci g0

Tgugctej "o gvj qf <"Vj g'tgugctej "o gvj qf "ku'f guetkr vxg"cpf "cpcn' vlcen "kpeqtr qtcvki "ecug"uwf lgu'cpf " gzco r ngu'qh'o qf gtp"cf cr vcvkpu'qh'Kiro ke"ctej kgewt g0

Eqpenwukp< Vj ku'uwf { "eqvtdwgu"vq" c" f ggr gt" wpf gtucpf kpi "qh'vj g"kvgtcqqpgevgf pgul'qh'j wo cp" etgcvkp"cpf "vj g'pcwtcn'y qtrf 0K'clo u'vq"kpur ktg" c"pgy "i gpgtcvkq"qh'vj kpngtu'cpf "hgcf gtu'vq"r tkqtkk g" vj g'r tguvxcvkq"qh'j gtkci g'kphwpegf "d{ "y kuf qo "cpf "vj g'gxqmwkq"qh'Kiro ke"ctej kgewt cni' r tkpkr ngu' k'eqvgo r qtct { "uqekv0

**Keywords:** Kiro ke" Ctej kgewt g. 'Rtgugt xkpi . 'Ewwtcn'j gtkci g. 'O qf gtp' rktg. 'y kuf qo 0'

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#### CEDİDÇİLİK İDEOLOJİSİ BAĞLAMINDA ABAY KUNANBAYULI'NİN ESERLERİNİN ANALİZİ

#### ANALYSIS OF ABAY KUNANBAYEV'S WORKS IN THE CONTEXT OF THE IDEOLOGY OF JEDIDISM<sup>5</sup>

"

*Meirbek SAMBET*

*Octo ctc "©pkxgtukguk'Fqmqt c" t gpekuk" ucpdw'VÄtnk'g"*

*QTEK'KF <222; /2228/3584/: : ; 6"*

*Batyrzhan TEMİRKHANOV*

*Cpnc tc "J ce, 'Dc { tco 'Xgk'©pkxgtukguk'Fqmqt c" t gpekuk "Cpnc tc. 'VÄtnk'g"*

*QTEK'KF <2222/2223/963; /2557"*

"

#### ÖZET

Dw'o cnerg. "Egf kf ðrkni'kf gqrqlkuk'kg'Mc| cni'j ccmp,p'dÄ{ Äni' ckt' Cdc { "Mwpcdc { wn,p,p'o cpgxk'o kcu, ctcu,pf cnk' dgp| gtrkmgtk' kpegro gmgf k0' " pegrkmg" Egf kf ðrkni' kf gqrqlkuk'kp' ¾ gnrkmgtk' kpegrgp'gtgm" j ctgngvkp'qmw wo w'xg'Qtw'Cu{cf cnk' { c ,n ,pc'mucec'f g kpegg k' 0Cpc'd¾Äo f g' Cdc { },p" gugtngtk'pf gmk' Egf kf ðrkni'kf rgtkf kme'g'cnpctcm' Cdc { },p" { gpkkm'ki' ¾Ä rgrg" k'k nkuk'cperk' "gf kro gmgf k0'

G kko . 'dkko . "c co . "f kpk'i ¾Ä rgt. "uqu{cn'xg'wawurtctcu, 'k'k nk'gt. 'uk' cugv'xd0'vqr nwo ucn' { c co ,p'±g k'rk' cncp'ct,p, " gnrkmg { gp" Egf kf ðrkni' kf gqrqlkuk' 3; 0420' { Ä { ,nctf c" qf wnc" gnrk'k' dk" kf gqrqlk' qf w w' d'kpo gmgf k0'Dw'nupw'pwp'kpegro guk'pgveguk'pf g"3; 0' Ä { ,n'upw'xg"420' { Ä { ,n'dc ,pf c" urco } cnk' o qf gtpkuv' { cmc ,o c" k'k nk'p" f Ä Äpeg { g" Mc| cni' j ccmp,p" f extcp, " gmk' Cdc { },p" gugtngtk' Ä gtpf gp" f g gtrgpf k'ko gmgf k0'

**Anahatar kelimeler:** "Egf kf ðrkni' Cdc { . "F kp. " urco . "Vqr nwo . "F Ä Äpeg0

"

#### ABSTRACT

Vj ku'ctv'eng'gzco kpgu'vj g'uko k'ctk'kgu'dgwy ggp"vj g'Lcf kf kuo "kf gqmi { "cpf "vj g'ur k'kwcn'j g'ksci g'qh'vj g' i tgcv'r qgv'qh'vj g'Mc| cni' "r gqr ng. "Cdc { "Mwpcdc { wn,0Hktuv."y g'y kn'gzco kpg'vj g'ej ctcevgtk'k'ku'qh'vj g' Lcf kf kuo "kf gqmi { "cpf "dtlghm' "vqvej "qp"vj g'htto cvkqp'qh'vj g'o qxgo gpv'cpf "ku'ur t'gcf "kp'E g'p'ctn'Cu'k0' K'vj g'o clp'ugev'kqp."vj g'tcegu'qh'Lcf kf kuo 'kp' Cdc { }u'y qtm'ctg'vcngp'kp'v'bee'qwp'v'cpf 'Cdc { }u't'gr'v'k'p'uj k' " y kj "kppqxcv'xg'x'kgy u'ku'cpcn' | gf 0"

K'ku'npqy p"vj cv'vj g'Lcf kf kuo "kf gqmi { . "y j kej "cth'gevgf "xctk'qu'ctgcu'qh'u'ekcn'rk'kg'u'vej "cu'gf wecv'kqp." u'ekpeg. "rk'g. "t'gki k'qu'x'kgy u' "u'ekcn'cpf "k'p'v'g'p'v'k'p'cn't'gr'v'k'p'u" r q'rk'ku. "g'e0" y cu'c" xgt { "k'p'hw'g'p'v'k'cn' kf gqmi { "kp'vj g'3; vj "cpf "42vj "egpwt'kgu'0C'u'c't'gu'wn'qh'vj g'gzco k'p'cv'kqp'qh'vj ku'uw'dl'gev."vj g'cv'kwf g'qh'vj g' Mc| cni' "r gqr ng"v'qy ctf u'vj g'kf gc"qh'vj g'o qf gtpkuv'cr r t'qcej "kp'K'uro "kp'vj g'n'v'g"3; vj "cpf "gctn' "42vj " egpwt'kgu'ku'g'xcn'ev'g' "vj tqwi j 'Cdc { }u'y qtm'0'

**Key words:** "Lcf kf kuo . "Cdc { . "T'gki k'qp. "K'uro . "U'ek'g'v' . "Vj qwi j v0'

<sup>5</sup>"Vj ku't'gugctej "ku'hw'pf gf 'd { 'vj g'U'ek'peg'E'qo o kwgg'qh'vj g'O k'p'k'nt { "qh'U'ek'peg'cpf "J ki j gt'Gf wecv'kqp'qh'vj g' T'gr v'dr'ke'qh'Mc| cni' ucp"¶I tcpv'P q0CR3; 8: 22; 5±"



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#### THERMAL PYROLYSIS OF HDPE IN A NOVEL FIXED BED REACTOR SYSTEM FOR THE PRODUCTION OF HIGH-VALUE GASOLINE RANGE HYDROCARBONS (HC) AND CARBON NANOTUBES (CNTS)

*Bilal Shoukat, Muhammad Yasin Naz, Shazia Shukrullah, Hammad Hussain, Muhammad Shoaib*

*Fgrctw gpv'qhlRj {ukeu. 'Wpkxgt ukf "qhl'Ci tkewnwt g'Hckurdcf. '5: 262. 'Rcnkwp0'*

*Fgrctw gpv'qhl'Ci tkewnwt cni'Gpi kpggt kpi. 'Hcewnf "qhl'Ci tkewnwt cni'Gpi kpggt kpi ("Vgej pqrqi {"Wpkxgt ukf "qhl'Ci tkewnwt g'Hckurdcf. '5: 262. 'Rcnkwp"*

*Uej qqn'qhl'Ocyj go cveu'cpf 'Rj {ukeu. 'Wpkxgt ukf "qhl'Uekpeg'cpf 'Vgej pqrqi {"Dgllkpi. 'Dgllkpi. '3222: 5. 'Ej kpc"*

"

#### ABSTRACT

R{tqn'uku'ku'c'r tqo kulpi 'y gto qn'uku'vej pls wg'vq'tgeqxt 'xcnwdrg'qku. 'hki j v'j {ftqectdqp'J E+'cpf' ectdqp'pcpqwdgu'EP Vu+'y kj 'j ki j '{kgrf u'ltqo 'r rucvle'y cuvg'\*RY -0'k'v'ku'y qtm'y gto cni' {tqn'uku'qh' j ki j /f gpukf 'r qn'g'y {ngpg'\*J FRG+'vq'r tqf weg'i cuqkpg'tcpi g'j {ftqectdqp'qku'cpf 'EP Vu'j cu'dggp' ecttkgf "qw'kp'c"pqxgr'hkz gf "dgr '\*dcvej +'tgcvt0'Vj g'r {tqn'uku'qh'J FRG'j cu'dggp'eqpf wevgf "dgy ggp' 672/772 "kp'v'g'r tgugpeg'qh'pkstqi gp'cu'cp'kpgt'ecttkgt'i cu'vq'r tqf weg'ns wkf "hwgn'i cugqu'cpf "uqkf" ej ct'r tqf weu'Vj g'qr vko wo 'vgo r gtcwt g'ht'qdcklpi "o czko wo "qknl' tqf wev' {kgrf '\*72' +'y cu'772 0C" eqo r tgj gpukg'i cu'ej tqo cvqi tcr j {\*I E+'cpcn'uku'qh'v'g'ns wkf "cpf 'i cugqu'r tqf weu'y cu'eqpf wevgf "vq" swcpkh' "j ki j "o qngewt "y gli j v'kpf kxf wcn'J E" eqo r qpgwu' O qt gqxt. "hki j v' o qngewt "y gli j v'J E" eqpukwkp'i 'y g'i cugqu'ltcevqp'y cu'kf gpv'k'g'0'Vj g'qkl'r tqf wev'tgeqxt gf "j cf "c" j ki j "r tqr qt vqp'qh' ckr j v'le"J E" gur gekm' "kp'v'g'tcpi g'qh'E: "vq'E<sub>34</sub>. "y j knv'ctqo v'le"J E"y cu'qh'ny gt "r tqr qt vqp'0'Vj g' ectdqp'pwo dgt'qh'v'g'r {tqn'uku'qkl'y cu'pqvgf "vq'kpetgcug'r tqr qt vqpcm' "y kj 'y g'kpetgcukpi "qr gtcv'pi " vgo r gtcwt g'0'Vj g'i cugqu'r tqf wev'j cf "c" j ki j "r gtegpvc i g'\*@92' +'qh'E<sub>4</sub>/E<sub>6</sub>"J E. "y j lej "y cu'cwt kdwgf "vq" v'j g'j ki j "cev'kv' "qh'v'g'ectdqp'lectdqp'\*E/E+'ej clp'uekuqp'tgcevqp'0'Xctkqu'cpcn' v'ecni'v'qnu'wej "cu' ZTF. "VI C. "Tco cp'ur gev'queqr {"cpf "UGO "y gt g'wugf "vq'f guetkdg'v'j g'qdv'kpgf "EP Vu'0'Vj g'tguwnu' uj qy gf "v'cv'v'g'co qwpv'qh'j {ftqectdqp'i cugu'y cu'tgrv'gf "vq'v'g'r g'qh'r rucvle'y cuvg'cpf "j gpeg'v'j g' EP Vu' {kgrf 0"

**Keywords:** 'Rucvle'y cuvg. 'Nks wkf 'hwgn' Ectdqp'pcpqwdgu. 'Hkz gf 'dgr 'tgcvt0'

"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CURRENT PHARMACOLOGIC STRATEGIES IN ALZHEIMER'S DISEASE: ASSESSING EFFICACY, SAFETY, AND EMERGING THERAPEUTICS

*Yashika Baranitharan, Mukesh Vijayarangam Rajesh, T Divya Sree, Karthikeyan Elumalai*

*Fgrctw gpv'qhlRj cto cegwkecn'Ej go knt {.'Uxggj c'Eanji g'qhlRj cto cef.'Uxggj c'Kpukwg'qhl'  
O gf kecn'cpf 'Vgej pkecn'Uekpegu.'Ej gppck/824327.'Vco kpcf w.'Kpf kc0*

#### ABSTRACT

Cn j glo gt u'f kugcug"CF +ku'c'f gi gpgtcvkg'pgwtqmi lecn'leqpf kktq'v'j cv'r tqi tguukgn' lo r cktu'eqi pkkxg" hwevkap."o go qt {.'cpf'f ckn' hwevkaplpi OF gur kg'gzvpuks'g'tgugtej 'ghqtu.'v'j gter gwle"qr vkpu'tgo ckp" rko kgf.'y kj 'ewtt gpv'r j cto ceqmi lecn'r r tqcej gu'r tko ctkn' 'vcti gv'pi 'u{o r vqo 'o cpci go gpv'cpf 'o qf guv' f gegngcvkap" qh' f kugcug" r tqi tguukp0' Vj ku' cpcn'uku' etklecm' " gxcnvcvu" v'j g' ghhece { " cpf" uchgv' " qh' gucdnkj gf 'vtgcvo gpv.'uwej 'cu'v'j g'ej qrpugvtcug'kpj kdkqtu" f qpr g' kn'tkxcuki o kpg.'cpf' i' cnpwo kpg" cpf " v'j g' P O F C " tgegr vat " cpvc qpkv" o go cpvkpg " y j lej " ctg" v'r lecm' " r tguetldgf " v'j cf f tguu" eqi pkkxg" u{o r vqo u'kp" CF O' Hwt v'j gto qtg " y g' kpxguki cv'v'j g' tgegpv' kv'qf vevkap" qh' f kugcug/ o qf kh' kpi " v'j gter kgu. " r ctvewctn' " co { nkl/ vcti gv'pi " o qpqempen' cpv'kdqf lgu. " cpf " v'j gk" r qv'pvcn' v'j g' f kugcug" vclgevt { O' Vj gug' kppqxcvkg' vtgcvo gpv. " kpenf kpi " cf wecpwo cd" cpf " ngecpgo cd. " j cxg" i' gpgtcvgf " dqj " qr vko kuo " cpf " eqpv'qxgtu { " y kj kp' v'j g' hgn' " f wg' v'j " eqpegt pu' tgi ct f kpi " uchgv' . " equv. " cpf " erpkecn' ghhece { O' Cf f kktqcn' v'j gter gwle " utcvgi lgu. " kpenf kpi " v'w' vcti gv'pi " ci gvu. " cpvk' kphro o cvqt { " o gf lecvkpu. " cpf " pgwtqr tqv'evkg" eqo r qwpf u. " ctg" cnuq" gzc o kpgf. " j ki j rki j v'pi " qpi qkpi " erpkecn' v'kcn' " cpf " tgegpv' f kueqxtkgu0' Ej cmgi gu' kp" CF " vtgcvo gpv. " uwej " cu' r cv'gpv' j vgtqi gpgk' . " cf xgtug' ghhece. " cpf " vtgcvo gpv' ceeguikdkv' . " go r j cuk' g' v'j g' pgeguuk' { " hqt " kpf kxkf wcrk' gf " cr r tqcej gu" cpf " eqpv'kwgf " gzr nqtcvkap" qh' eqo dlpvcap" v'j gter kgu0' D { " eqpuqrf cv'pi " ewtt gpv' gxf gpeg" qp" r j cto ceqmi lecn' utcvgi lgu' kp" CF . " v'j ku' t gxlgy " cko u'v'j r tqxkf g' j gcnj ectg' r tqhguukp' cni' cpf " tgugetej gtu' y kj " c' eqo r t g' j g' p' k' g' w' p' f' g' t' u' c' p' f' k' p' i' " qh' gzkv'kpi " vtgcvo gpv' cpf " r g' tur gev'xgu' qp' v'j g' hwwt g' r' p' f' uecr g' qh' Cn j glo gt u'f kugcug" o cpci go gpv0'

**Keywords:** Cn j glo gt u'f kugcug. " r j cto ceqmi lecn' v'j gter { . " ej qrpugvtcug' kpj kdkqtu. " P O F C " tgegr vat " cpvc qpkv. " f kugcug/ o qf kh' kpi " v'j gter kgu0'

'''

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SIGNIFICANT DEGRADATION OF METHYLENE BLUE ACHIEVED USING A NOVEL MODIFIED TiO<sub>2</sub>-BASED PHOTOCATALYST

Mohamed CHOKRI<sup>a</sup>, Ilyas JALAFI<sup>a</sup>, Omar AZOUGAGH<sup>a</sup>, Amine BENDAHHOU<sup>a</sup>, Youssef EL Ouardi<sup>b</sup>, Mohamed ABOU-SALAMA<sup>a</sup> and Soufian EL BARKANY<sup>a</sup>

<sup>c</sup>"F gr ct vo gpv'qhl'ej go knt {.'hcdqt cvqt { 'qhl'O qrgewct 'Ej go knt {.'O cvgt kcu'cpf 'Gpxkt qpo gpv'NEO4G±  
Vj g'O wnkf kuekr rkpct { 'Hcewnf 'qhl'P cf qt. 'Wpkxgt ukf 'O qj co o gf 'Rt go kgt. 'RD'522. 'Ugrqwcpg. 'P cf qt. "  
84922. 'O qt qeeq"

<sup>d</sup>"Ncrr ggpt cpvc/Ncj w'Wpkxgt ukf 'qhl'Vgej pqrqi { 'NWV. 'Uej qqn'qhl'Gpi kpggt kpi 'Uekpeg. 'F gr ct vo gpv'qhl'  
Ugr ct cvkqp 'Uekpeg. 'I rkr kaqpnw'56. 'HK75: 72'Ncrr ggpt cpvc. 'Hkprcpf "

#### ABSTRACT

Vkcpkwo "f kqz kf g" VIK<sub>4</sub>"ku" c"y kf grf "wugf" r j qvqecvñf uv'f wg"vq"ku" j ki j "cevxxkf" wpf gt "WX" rki j v"ku" cxc krdkxf "eqo r ct gf"vq"qvj gt "qz kf gu."ku"ej go kecn'cpf "dkmqi kecn'ucdkrf. "ku"t gukucpeg"vq"eqtt qukqp." cpf "ku"ppq/vqz lekxf "J3."4\_0J qy gxgt. "k'j cu'egt wkp"rko kcvkqpu"kv'ku"qpnf "cevxxg"wpf gt "WX"ktcf kvkqp. "k' j cu" c"j ki j "ej cti g'tgeqo dkpcvqp'tcvg."cpf "k'hqt o u'c"xt { "ucdrq"eqmqf cñ'uwur gpukqp"]5\_0Vq"qxgteqo g" vj gug'rko kcvkqpu. "VIQ<sub>4</sub>"pcpqr ct vengu"ctg"o qf kkgf "d { "eq/f q r kpi 'y kj 'P d' ""cpf "Y<sup>8</sup>-0Vj g'ghge'v'qhl'v'ku" o qf kkecvkqp" qp" vj g" et { ucnkpg" ut wewt g." o letqut wewt g." cpf "qr vlecn' r tqr gt vku" qh" r j qvqecvñf usu" \*P d<sub>206</sub>Y<sub>2055</sub>± " V<sub>k/z</sub>Q<sub>4</sub>" \*z?" 2047." 2072." 2097+" u{pvj guk gf " xk" uqkf /ucvg" o gvj qf " UUT." y cu" u{vgo cvecmf "kpxguvki cvgf 0Vj g'ZTF "tguwu'uj qy "vj g'hqt o cvkqp"qhl'c"o qpqr j cule'vgtci qpent wkrq"VIQ<sub>4</sub>" ut wewt g." cpf "r wleg"r ctco gvgtu"lpet gcukpi "y kj "f qr cpv'eqv'gpv'0UGO "o letqi tcr j u'kmwucv'v'v'v'g" pepqr ct vengu'gz j kdk'cp'kt gi wrt "ur j gtlecluj cr g"cpf "i tclp"uk gf i tqy vj "y kj "f qr cpv'eqpegv'cvkqp'0WX/ Xku"cpn'fuku" \*422" po "6": 22" po "kpf kcvgu"cp" gpj cpego gpv'kp"xlukdrq" rki j v'cduqr v'kqp." pqwcnf "v'g" eqo r qwpf " \*P d<sub>206</sub>Y<sub>2055</sub>±2097 V<sub>k0.47</sub>Q<sub>4</sub>"gz j kdk'kpi "cp"qpugv'qhl'cduqt dcepg'cv'642"po 0Vj g'ecrwrwv'f "dcpf" i cr "gpgti { "uj qy u'c't gf wv'kqp"ht qo "507" gX"ht "VIQ<sub>4</sub>"v'406" gX"ht " \*P d<sub>206</sub>Y<sub>2055</sub>±2097 V<sub>k0.47</sub>Q<sub>4</sub>OCnq. "v'g" r j qvqecvñf uv' \*P d<sub>206</sub>Y<sub>2055</sub>±2097 V<sub>k0.47</sub>Q<sub>4</sub>"f go qput cvgu'uki plh'ecp'v'gh'ekpe { "k'r j qv'f gi tcf kpi "qhl'O D'f { g" wpf gt "uwpri j v.'tgej kpi " : ; 07' "f gi tcf cvkqp"kp"qpnf "82"o kp."y j gt gcu"VIQ<sub>4</sub>"qpnf "cej kxgu"64' 0M'p'v'v' uwf { "qhl'v'g'r j qvqecvñf v'f gi tcf cvkqp"tgxgcu"v'v'v'g'ecrwrwv'f "cr r ct gpv'tcvg"eqpu'cpv'M'ht "zP Y V" \*z?" 2097+ku"202; "o kp<sup>3</sup>. "y j gt gcu'ht "VIQ<sub>4</sub>. "k'ku"3002<sup>4</sup>"o kp<sup>3</sup>0Vj ku'kpet gcug"kp" r j qvqecvñf v'cevxxkf" o c { "dg"lwukhgf "d { "v'g'etgc'v'kqp"qhl'pgy "f qpat"gpgti { "rgxgu"cpf "ut wewt cñf ghgeu" \*qz { i gp"xcecpelgu." V<sub>k</sub><sup>±</sup> +y kj kp"v'g"VIQ<sub>4</sub>"ut wewt g'0

**Keywords:** "o letqut wewt g." qr vlecn' r tqr gt vku." dcpf" i cr "gpgti { ." ut wewt cñf f ghgeu." r j qvqecvñf v'cevxxkf 0""

#### REFERENCES

30' Vucpi . 'E0' (C0'gv'cñ0'Vkcpkwo "qz kf g'dcugf "r j qvqecvñf v'cevxxkf" o cvgt kcu'f gxgnr o gpv'cpf "v'g'kt' tqrq" qh'kp"v'g'ct" r qnwcpw" f gi tcf cvkqp < Qxgt xky "cpf "ht gecv'0Gpxkt qpo gpv'k'vgt pcv'kqpcn "423; 0'125<r 0' 422/44: 0'

40' F j cto c. "J (P E0'gv'cñ0' C"t gxky "qhl'vkcpkwo "f kqz kf g" \*VIQ<sub>4</sub>+dcugf "r j qvqecvñf uv'ht "qhl'kgrf / r tqf wegf "y cvgt "tgcvo gp'0O go dtcpgu."4244012\*5<r 05670'

50' Mj cp. "J 0'cpf "O 0WJ 0Uj cj . "O qf kkecvkqp"ut cvgi lgu"qhl'VIQ<sub>4</sub>"dcugf "r j qvqecvñf usu"ht "gpj cpegf " xlukdrq" rki j v'cevxxkf" cpf "gpgti { "uqtc'i g" cdh'kf < "C" t gxky 0' lqwt'pcñ' qh' Gpxkt qpo gpv'cñ' Ej go kecn' Gpi kpggt kpi . "4245<r 03337540'

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EUROCENTRIC INFLUENCE ON THE HISTORICAL TREATMENT OF MUGHAL WOMEN, FOCUSING ON REDUCTIVE NARRATIVES OF SUBJUGATION

*Dr. Sheeba Irafn*

*I KHV'Wpkxgtuk{ 'I vltcpy cr. 'Rwplcd' Rcnkucp*

"

#### ABSTRACT

Vj ku'r cr gt "gzco kpgu'vj g"eqvtdwkwqpu'qh'y qo gp"kp"vj g'O wi j cni'Go r ktg"\*374863: 79+."y kj "c'r ctvlewrt" hqewu'qp'y j { "lwej "y qo gp"j cxg'dggp"o cti kpcrk gf "qt'qxgtmqngf "kp"eqmpkcn'gtc"j kvqtkqi tcr j { OF gur kg" vj gk "uki pkkcpv'tqrguô uwej "cu"Go r tguu" P w "Lcj cpau" r qrkkecn' kphwpg. "O wo vcl "O cj cnu" ewnwtcn' r cxtqpci g. "cpf "vj g"dtqcf gt "kpxqrxgo gpv'qh'tq{ cni'y qo gp"kp"cf o kpkntevkqp"cpf "fkr mqo ce{ ô eqmpkcn' pcttcvkgu" qhwg" r qtvc{ gf "vj go "cu" r cuukg" qt "ugeqpf ct { "hki wtgu' Vj ku'r cr gt" cti wgu" vj cv' eqmpkcn' j kvqtkqi tcr j kecn' r tcevegu. "uj cr gf" d{ "Gwtqegpvtle" cpf " r ctkctej cni' kf gqmqi kgu. "eqvtdwvfg" vq" vj g" u{ vgo cvle" gtcuwtg'qh'vj gug"y qo gpau"ci gpe{ 'O'Dtkkuj "eqmpkcn'y tkgtu. "y j q"uqwi j v"vq"lwvkh{ "eqmpkcn' f qo kpcpeg. "eqputvevgf" c"pcttcvkg" qh'O wi j cni' kpf kc"cu" c" rcpf "qh'f gur qvle. "ghgo kpcvg" twrgtu. "qhwg" ukf gnlkpi "y qo gpau" cevkg" r ctvlekr cvkqp" kp" r qrkkecn' cpf " ewnwtcn' rkhg' D{ "etkks vki "vj gug" eqmpkcn' j kvqtkqi tcr j kgu. "vj ku'lwv { "f go qpvtcvgu"j qy "ko r gtkcni'pcttcvkgu'pqv'qpn{ "f kvqt vgf "j kvqt kecn' gcrk{ "dw' cniq" tglphqtegf "i gpf gtgf "uvgtgqv' r gu" vj cv' qduewt gf "vj g" o wmkcevgf "tqrgu"qh'y qo gp"kp"vj g'O wi j cni' r gkqf O'Vj g" r cr gt "ecmi" hqt "c" tgcuguo gpv'qh' eqmpkcn' gtc" ceeqwpv. "cf xqecvki "hqt" c" o qt g" pwcpegf " wpf gtucpf kpi "qh'i gpf gt "cpf "r qy gt "kp" r tg/eqmpkcn' Uqwj "Cukc' "

**Key Words:** "O wi j cni' Go r ktg." o cti kpcrk gf. "Gwtqegpvtle." eqmpkcn' gtc. "j kvqtkqi tcr j kecn' r tcevegu." uvgtgqv' r gu. "o wmkcevgf. "tgcuguo gpv. "Uqwj "Cukc"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### FREQUENCY OF USE AND PERCEIVED USEFULNESS OF ARTIFICIAL INTELLIGENCE AMONG PRE-SERVICE SCIENCE TEACHERS IN MINNA, NIGER STATE

<sup>1</sup>Muhammad, J.M., <sup>2</sup>Babagana, M., <sup>3</sup>Ndatsu, A., <sup>4</sup>Shuaaeb, A. I.

<sup>3456</sup> Fgrctvo gpv'qh'Uekpeg'Gf wecvkp

Hgf gtcn'Wpkxgt ukf "qh'Vej pqri { "O kppc. 'Pk gt 'Ucvg. 'Pk gt k0'

#### ABSTRACT

Vj g'r cr gt "gzco kpgf "vj g'ht gs wpe { "qh'wug'qh'ct vhelecnk'pvgmki gpeg'CK'cpf "vj g'r gtegr vkpu'qh'wughwpguu" qh'CKr r'vhtqo u'co qpi "rtg/ugt xleg'uekpeg'vgej gtu'lp'Hgf gtcn'Wpkxgt ukf "qh'Vej pqri { "O kppc. 'Pk gt "Ucvg'0'Vj tgg'tgugctej "qdlge'vkgu'cpf "vj tgg'tgugctej "s wugvkpu'i wkf gf "vj g'uwwf {0'C "f guetkr vkg'tgugctej " f guki p" y cu" cf qr vgf "hqt" vj ku" uwwf {0' C "r wtr qukxg" uco r r'kpi " y cu" wugf " vq" ugrge'v' uekpeg" gf wecvkp" f gr ctvo gpv'0'Vj g'r qr wcvkp'qh'vj g'uwwf { "eqo r t'kugf "qh'hkxg"j wptgf "cpf "vy gpv' "hkxg"\*747+"rtg/ugt xleg" uekpeg'vgej gtu'qh'uekpeg'gf wecvkp" f gr ctvo gpv. 'cpf "vj g'vcti gv'r qr wcvkp'ku"\*339+"h'kpcn' { gct "uwwf gpvu" qh' " vj g' uckf " f gr ctvo gpv'0' Uko r ng" t'cpf qo " uco r r'kpi " vej plks w" y cu" wugf " vq" ugrge'v' gki j v { " ukz " \* 8+" t'gur qpf gpvu" h'qo " vj g' vcti gv'r qr wcvkp" hqt" vj g' uwwf {0' C " ukz " \*8+" kgo u' H'gs wpe { " qh' wug' qh' CK' S wugvkppck g' "HQWS "+cpf "vgp"\*32+"kgo u'r gte'gkxgf "wughwpguu'qh'CKS wugvkppck g' "RWCKS "+y g't wugf " vq" eqmge'v' f c'v'0'Vj g'vy q'kp'utwo gpvu" y g't g'xc'rkf cvgf "d { "gzr gtu'0'Vj g'kp'vgt pcn'eqpukv'gpe { "t'g'rk'dk'k'v { "qh' vj g'vy q'kp'utwo gpvu" y g't g'g'vcd'k'k'j gf "cpf "vj g't'g'rk'dk'k'v { "kp'f legu" y g't g'ec'rw'v'gf "wukpi "Et'q'p'd'c'ej "C'r j c" h'qto w'c'p' "URUU"xgtukp"48. "vj g't'g'rk'dk'k'v { "kp'f legu" y g't g'h'w'p'f "vq"dg"20 2"cpf "20 : "t'gur ge'v'kg'gn'0'Vj g' f c'v' "eqmge'v'gf "y g't g'c'p'cn' | gf "wukpi " o g'c'p' "cpf "uc'p'f c't'f " f g'x'k'v'k'p'0'Vq" r t'g'g'p'v' vj g't'g'ur q'p'ug'u. "7" r q'k'p'v' N'k'ng't'v'ue'c'ng' y cu'wugf 0'0 g'c'p' "xc'rw'g'qh'5022" y cu'cf qr vgf "hqt" f g'ek'uk'p' "o c'n'k'p'i 0'Vj g'h'k'p'f k'p'i u'qh'vj g'uwwf { " t'g'x'g'c'ng'f "vj c'v' vj g'ht gs wpe { " qh' wug' qh' CKr r'vhtqo u'co qpi "rtg/ugt xleg'uekpeg'vgej gtu'qh' Hgf gtcn' Wpkxgt ukf "qh'Vej pqri { "O kppc"ku" j ki j " \*i t'cpf "o g'c'p' ? 5062-0'Vj g'uwwf { "c'n'q' "kp'f k'ec'v'gf "vj c'v' vj g'r t'g/ ugt xleg'uekpeg'vgej gtu'r gtegr vkpu'cd'q'w'v'j g'wughwpguu"qh'CKr r'vhtqo u'ku" j ki j "y k'j "c" i t'cpf "o g'c'p' \*i t'cpf "o ? 50 6-0'J gpeg. "vj g't'gugctej gt "vj g't'g'ht'g'eq'p'nm'f gf "vj c'v' r t'g/ugt xleg'uekpeg'vgej gtu'r gte'g'k'x'g' CK'vq"dg" wughw'p'c'p'f "wug'vj g'r r'vhtqo u'ht'gs w'p'v'w'f "hqt" c'ec'f go k'e" r wtr q'ug'u'0'K' y cu" t'ge'q'o o g'p'f gf "co qpi " q'v'j gtu" vj c'v. "U'ej q'qn' c'f o k'p'k'ut'c'v'q'ut' u'j q'w'f " r t'q'x'k'f g" y q't'n'uj q'r u" c'p'f " r t'q'h'g'u'k'q'p'c'n' f g'x'g'ng'r o g'p'v' q'r r q't'w'p'k'g'u" hqt" r t'g/ugt xleg'uekpeg'vgej gtu'v'q'j g'n' "vj go "h'w'v'j g't'f g'x'g'ng'r "r t'c'v'k'ec'n' u'nk'm'u" vj c'v'ec'p"dg" wugf "kp'v'j g't' h'w'w't'g'v'gej k'p'i "r t'c'v'k'eg'u'0'

**Keywords:** Ct vhelecnk'pvgmki gpeg. 'H'gs wpe { . 'R'g't'eg'k'x'gf "W'ughw'p'g'u'u'c'p'f "R't'g/ugt xleg'W'pk'x'g't'uk'f "U'ek'p'eg' V'g'c'ej g't "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EXPLORATION OF THERMOPHORETIC AND THERMAL BROWNIAN DIFFUSION FOR REACTIVE WILLIAMSON HYBRID NANOFLUID WITH CONVECTIVE COOLING CYLINDER

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*Ephesus O. Fatunmbi. and Stephen O. Are<sup>2</sup>*

*<sup>3/4</sup>F gr ctwo gpv'qhl'0 cvj go c'keu'c'pf "Uc'v'k'keu."Hgf gt cn'Rqr'v'gej pke."K'ct q."P'ki gt k'0'*

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#### ABSTRACT

Vj g'ewt'gpv'uwf { "h'q'ewu'gu'qp"vj g'vj gto cn'r tqr gt'v'gu'qh'j { dt'kf k' gf "Cu - Al<sub>2</sub>O<sub>3</sub>"pcpqr ct'v'eng'u'f kur gt'ugf "kp" c'eqpx'ge'v'x'g'eqq'k'pi "e { r'k'p'f gt "eq'p'v'c'k'p'k'pi "Y kn'ico uqp/y cvgt "dcug'h'w'k'f 0'Vj g"Y kn'ico uqp/Ec'we'j { "h'w'k'f " o qf gr'ku'c'f qr v'gf "v'q't'gr t'gug'p'v'j g't'j g'q'm'i k'ec'n'eqo r r'gz "d'g'j c'x'k'q'w' "q'h'v'j g'd'cug'h'w'k'f "c'f g's'w'c'v'gn' { 0C "eq'w' r'gf " ko r'cev'q'h'Dt'q'y p'k'c'p'f "f'k'h'w'k'q'p"cp'f "vj gto q'r j q't'g'u'k' "c't'g' "ec'r w't'gf "v'q'r t'q'o r'v'v'j g'f { p'c'o k'ec'n'l'k'p'v'gt'c'v'k'p'u'c'v' v'j g'p'c'p'q'ue'c'g. "g'ur g'ek'm' { "v'j g'r j g'p'q'o g'p'c' "k'p'h'w'g'p'eg"q'p"v'j g'q'x'g't'c'm'j g'c'v'r t'q'r c'i c'v'k'p'0'Vj g'o qf gr'r ct'v'c'n' f'gt'k'c'v'x'g'u'c't'g' "e'j c'p'i g'f "k'p'v'q" c' "eq'w' r'gf "p'q'p'r'k'p'g'c't'q't'f k'p'c't { "f'gt'k'c'v'x'g"cp'f "vj g'p"u'q'k'g'f "d { "v'j g'I c'rg't'n'k'p/ y g'k'i j v'gf "t'g'u'k'f w'c'i'0'Vj g'uwf { "w'ug'f "c' "t'c'p'i g'q'h'h'w'k'f "v'g't'o u'v'q' "k'p'x'g'u'k'i c'v'g'v'j g'k' "k'p'h'w'g'p'eg"q'p" c' "e { r'k'p'f gt'v'j v'j g't'o c'n'f' k'w't'k'd'w'k'q'p"cp'f "eq'q'k'pi "g'h'h'k'p'e { 0'Vj g"q'w'eq'o g'u" r t'gug'p'v'v'j c'v'v'j g'j { dt'kf k' gf "Cu - Al<sub>2</sub>O<sub>3</sub>" p'c'p'q'r ct'v'eng' "u'w'd'u'c'p'v'k'm' { "g'p'j c'p'eg'u'v'j g'd'cug'h'w'k'f "v'j g't'o c'n'eq'p'f w'e'v'k'k'v' . "ko r t'q'x'k'p'i "v'j g'eq'p'x'g'e'v'x'g"j g'c'v' v'c'p'ur q't'v' t'c'v'g'u'0' Vj g" Dt'q'y p'k'c'p' " o q'v'k'p' " g'p'eq'w't'c'i g'u" w'p'k'h'q't'o " v'g'o r g't'c'w't'g' " f'k'w't'k'd'w'k'q'p." y j k'g' " v'j g't'o q'r j q't'g'v'e' "h'q't'eg'u'w'r r q't'v'p'c'p'q'r ct'v'eng'u'g'h'h'g'e'v'x'g'b' k'i t'c'v'k'p'cp'f "v'j g't'o c'n'r g't'h'q't'o c'p'eg'q'r v'k'o k' c'v'k'p'0' Vj g'ej g'o k'ec'n't'g'c'v'k'p'u'r' k'x'q'v'f "v'j g'o qf w'c'v'k'p'q'h'v'g'o r g't'c'w't'g'cp'f "eq'p'eg'p'v'c'v'k'p' "h'g'f u'v'q' "k'p'h'w'g'p'eg"v'j g' y j q'g' "j g'c'v' v'c'p'uh't' "e'j c't'c'ev'g't'k'v'k'eu'0' Vj g" x'c'n'c'd'g' "e'j c't'c'ev'g't'k'v'k'eu" q'h' "eq'r r g't" cp'f "c'n'w'o k'p'k'w'o " q'z'k'f g' p'c'p'q'r ct'v'eng'u'k'p" g'p'j c'p'ek'p'i "v'j g'v'j g't'o c'n'r g't'h'q't'o c'p'eg'q'h'k'p'f w'w't'k'c'n'eq'q'k'p'i "r t'q'eg'u'g'u'j' c'x'g'r t'q'r g'm'g'f "v'j g' uwf { "i k'x'g'p" v'j g' "k'p'uki j w' "k'p'v'q" v'j g' "n'p'i /v'g't'o "u'c'd'k'k'v' { "cp'f "g'eq'p'q'o k'e" h'g'c'uk'd'k'k'v' { "q'h' p'c'p'q'h'w'k'f "x'k'ue'q'w'u" o c'v'g't'k'c'n' "h'q't' "eq'q'k'p'i "u'f' u'v'g'o u'f' g'uk'i p"cp'f "r' q'v'g'p'v'k'c'n'c'f x'c'p'eg'o g'p'v'q'h'p'c'p'q'v'g'ej p'q'm'i { 0

**Keywords** J g'c'v'v'c'p'uh't'="J ct'w'o c'p'p'p'w'o d'g't="V'c'p'i g'p'v'j { r g't'd'q'r'k'e' "h'w'k'f "L'q'w'g'j' g'c'v'k'p'i "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CURRENT SENSORS FAULTS DETECTION AND ISOLATION OF DFIG FOR WIND TURBINE BASED ON GENERALIZED OBSERVER SCHEME (GOS)

Chaima Gherari, Farid Berrezzek, Khaled Khelil

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#### ABSTRACT

Kp'qt f gt 'v'kpet gcug'vj g'ghlekgpe { . 'v'gpuwt g'cxckrdkry/ 'cpf 'v'rtgxgpv'wpzr gevfg 'h'kwt gu'qh'vj g'f qwdn' " hgf "kpf wevkq'p'i gpgtcvt "FHK + "y kf gn' "wugf "kp'ur ggf "xctkcdng'y kpf "wt dlp'g"UXY V+ "c"o qf gn'dcugf " cr r tqcej 'ku'r tqr qugf 'hqt'f lci pqulpi 'ucvqt'cpf 'tqv't'y kpf lpi 'cpf 'ewt gpv'ugpuqt u'h'wmu'kp'vj g'i gpgtcvt O' Kp'vj ku'uwf { . 'vj g'Gzvgpf gf "Mcm cp'Hkngt "GMH"ku'wugf "cu'ucvg"cpf "r ctco gvt "guko cvkq'p'o gjj qf "hqt " vj ku'o qf gn'dcugf "f lci pquku'cr r tqcej O'Vj g'i gpgtcvt'y kpf lpi u'h'wmu'cpf "ewt gpv'kput wo gpw'f ghgeu'ctg" o qf gm'f . 'f gvgevgf "cpf "kuqv'gf 'y kj 'vj g'wug'qh'vj g'h'wmu'kpf lecvt u'ecmgf 't guk'wcu. 'y j kej 'ctg'qdvkpgf " dcugf "qp"vj g'GMH'qdugt xgt O'Vj g'o cyj go cvkcd'o qf gn'qh'FHK "hqt'dqvj "j gcmj { "cpf "h'wmu' "qr gtcvpi " eqpf kkp'u"ku"ko r ngo gpvgf "kp"O cvcd lUko wkpni'uhy ctg O'Vj g'qdvkpgf "uko wcvkq'p't guwmu'f go qpust cvg" vj g'ghge'v'xgpguu'qh'vj g'r tqr qugf "vej pls wg'hqt'f lci pquku'cpf "s wcpv'k'lec'v'kq'p'qh'vj g'h'wmu'wpf gt 'uwf { O'

**Keywords:** 'gzvgpf gf 'hcm cp'hkngt "GMH+ 'f qwdn' 'hgf "kpf wevkq'p'i gpgtcvt "FHK + "ur ggf "xctkcdng'y kpf " wt dlp'g"Y V+ 'f gf lecvgf "qdugt xgt 'uej go g'I QU+ "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EFFECTIVENESS OF NON-GOVERNMENTAL ORGANIZATIONS (NGOs) ON THE NIGERIAN ECONOMY: A FOCUS ON ITS COMPONENTS OF; POVERTY REDUCTION, SOCIAL PROTECTION, GENDER EQUALITY AND INCOME GENERATION

*Hammayo Abubakar*

*F gr ctwo gpv'qhlGeppqo keu' ( 'F gxgrqro gpv'Uwf kgu'  
Hgf gt cn'Wpkxgt ukv' qh'Mcuj gt g'HWMA' I qo dg'Ucvg. 'Pki gt kc0'*

*Abdulkadir Ahmed Hammayo*

*F gr ctwo gpv'qhlCeeqwpkpi . 'Hgf gt cn'Wpkxgt ukv' Y wnetk'Vctcdc'Ucvg. 'Pki gt kc "*

*Sulaiman Tolba Magaji*

*F gr ctwo gpv'qhlGeppqo keu' ( 'F gxgrqro gpv'Uwf kgu'  
Hgf gt cn'Wpkxgt ukv' qh'Mcuj gt g'HWMA' I qo dg'Ucvg. 'Pki gt kc0'*

"

#### ABSTRACT

Vj ku'uwf { "cko gf "cv'cuuguulpi "vj g'tgrgxcpeg"cpf "ghgvevxgpguu'qh'vj g'P qp/I qxgtpo gpcn'Qti cpl' c'k'qpu" \*P I Qu+" lp" hquvgtlpi " vj g' P ki gt kcp" geppqo { " qxgt " vj g' { gctu0' Vj ku' ku' cej lqxcdrg" vj tqwi j " c" etkl'ecn' gxcn'c'k'qpu'qh'vj g'f k'k'p'ek'xg'gh'geu'qh'uqo g'qh'ku'eqo r qppgw" \*Q0' r qxgt v' "tgf wevkqp. "uqeknr' t'qvevkqp. " i gpf gt "gs wcrkv' "cpf "lpeqo g'i gpgtc'k'qpu+"qp" vj g'P ki gt kcp" geppqo { "cu'c'y j qng0Vj g'uwf { "cf qr v'vj g' Cwq/ T gi t'gu'k'xg'F k'ut'k'dwgf "Nci " \*CTFN+"vej pls wg'qh'cpcn' uku'cpf "go r nq { gf "c'f'cvc' t'cpi g'qh' \*3; ; 4/4245+0' O qt g'xgt. "vj g'uwf { "l'p'vgt'cev'r qxgt v' "tgf wevkqp" cpf "uqeknr' t'qvevkqp" vq" g'zco l'p'g'ku' l'q'k'p'v' gh'geu'qp" vj g' P ki gt kcp" geppqo { 0Hwt vj gto qtg. "vj g'uwf { "eqo r wgu'vj g'o cti k'pcn'gh'geu'qh'r qxgt v' "tgf wevkqp" cv'f' h'gt g'pv' o cti k'pu'qh'uqeknr' t'qvevkqp" g'zr g'pf k'wt g'cpf "ugt x'legu. "t'gur g'ev'k'gn' 0H'lp'f' l'pi u'lt'qo "vj g'uwf { "l'p'f' l'ec'v'gu" c" uki p'h'k'ec'p'v' r' q'k'k'xg' 'ej cpi g'lp' vj g'P ki gt kcp" geppqo { "cwt'k'dwgf "v'q'ko r t'q'xgf "uqeknr' t'qvevkqp" g'zr g'pf k'wt g' cpf "ugt x'legu" cpf "i g'pf gt "gs wcrkv' 0'E'q'p'x'gt'ugn' . "r qxgt v' "tgf wevkqp" \*cu"o g'cuwt gf "d { "go r nq { o g'pv' t'cv'g-" p'gi c'k'x'gn' "ch'geu" vj g' geppqo { "cu"y gm'cu" l'peqo g'i gpgtc'k'qpu'0' J qy g'xgt. "vj g' l'p'vgt'cev'qp" qh' r qxgt v' " t'gf wevkqp" cpf "uqeknr' t'qvevkqp" j' c'xg'c' r' q'k'k'xg' uki p'h'k'ec'p'v' gh'geu'qp" vj g'P ki gt kcp" geppqo { 0Qp' vj g'q'v' gt " j' cpf. "vj g' t'gu'w'u' l'p'f' l'ec'v'gu" vj g'o cti k'pcn'gh'geu'qh'r qxgt v' "tgf wevkqp" vq" j' c'xg'c" i t'g'cv'gt "uki p'h'k'ec'p'v' gh'geu' qp" vj g'P ki gt kcp" geppqo { "c'v'c' b' czko wo "h'g'x'gn' qh' uqeknr' t'qvevkqp" g'zr g'pf k'wt g' vj cp' c'v'c' b' k'p'ko wo "h'g'x'gn' 0' Vj ku'uwf { "t'geqo o g'pf u' h'qt " vj g'P ki gt kcp" i qxgtpo g'pv' l'p'vgt'x'g'p'k'qpu" cpf "uwr r q't'v' l'p" g'z'g'ew'k'pi " vj g'P I Q" r t'q'lg'eu. "r t'q'i t'co u" cpf " r' q'k'k'x'gu" c'et'quu" vj g' p'c'v'k'qpu" h'qt "ko r t'q'x'gf " q'w'eqo g'0' K' c'nuq" t'geqo o g'pf u' h'qt " g'p'ri j' v'g'po g'pv' cpf "cy c't'g'p'guu" eco r c'ki pu' l'p' t'w'c'n'c't'g'cu" qp" vj g' p'g'gf "h'qt " i k'nu'0'ej k'f "gs wcr'qr r q't'w'p'k'k'gu" vj tqwi j "uej q'q'n'g'p't'qm g'pv. "go r nq { o g'pv' t'cv'g. "geppqo k'go r qy gto g'pv' cpf "h'g'c'f' g't'uj k' r' q'k'k'x'qpu" ""

**Keywords;** P qp/I qxgtpo gpcn'Qti cpl' c'k'qpu. Raxgtv' "Tgf wevkqp. Uqeknr' t'qvevkqp. I g'pf gt "Gs wcrkv' " cpf "l'peqo g'I gpgtc'k'qpu'0'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### PRECISION BOOSTING: AN ALGORITHMIC STRATEGY FOR MACHINE LEARNING ACCURACY

*Sudhanva S Desai*

*XUM'Wpkxgtukf. 'F gr ct wo gpv'qhlEgo rrwgt 'Uekgpeg. 'Dcmrtk'*

*QTEKF <222; /2223/673: /3472"*

*Santosh S Patil*

*XUM'Wpkxgtukf. 'F gr ct wo gpv'qhlEgo rrwgt 'Uekgpeg. 'Dcmrtk'*

*QTEKF <2222/2223/: :; 6/785; "*

#### ABSTRACT

Vj g'O cej kpg'Ngctplki "Cni qtkj o u'j cxg'dgeqo g'kpetgculpi n' "eqo r ngz "vj gtgd { "tgf welki "vj g'ceewtce { "qh'vj g'ur gekle "ko r ngo gpv'kqp"qh'kpf kxf wcn'o qf gnu'Vj g'O cej kpg'ngctplki "Cni qtkj o u'y g'ej qqug'y km' j cxg'c'i tgcvt "ko r cev'qp"vj g'r gthqto cpeg"qh'vj g'o qf gr'dwkn'Vj g'J { r gt/r ctco gygtu'qh'vj g'cni qtkj o u' ctg'r ctco gygtu'ugv'dghqt g'tcklpi "cpf'uki p'k'lecpvn' "ko r cev'o qf gr'dgj cxkwt'OK' gpv'h'kpi "vj g'tki j v'j { r gt' r ctco gygt "xcn'gu'ku'etwelcnlht'cej kxkpi "qr vko cnr' gthqto cpeg'Vgej pls wgu'uwej "cu'hwml'cev'qt'cnl'f guki p." uetggplki . 't gur qpug'uw'hceg'o gjv qf qmji { . "Vci wej k'N'f guki pu."cpf "u'nej cu'ke'f guki p'qh'g'zr gt ko gpw'u'r r { " c'xkcn't'qr'kp'k'p'f kpi "qr vko cnl'j { r gt' r ctco gygt "ugw'kpi u'0"

Vj g'r tqegu'qh'ugr'ev'kpi "vj g'qr vko cnl'j { r gtr ctco gygtu'ku'npqy p'cu'j { r gtr ctco gygt "wplki 0'cej kxkpi " r tgekug't guw'u'kp" o cej kpg'ngctplki " o qf gnu'tgs wkt'gu'ectghw'eqpukf g'cv'kqp"cpf "cf lwuwo gpv'qh'vj gug" j { r gtr ctco gygtu'Vj ku'wplki "ecp'uki p'k'lecpvn' "ko r tqxg'o qf gr'ceewtce { . 'tgf weg'qxg't'hw'kpi . 'cpf "gpj cpeg" vj g'i gpgt'ck'cdk'k'v' "qh'vj g'o qf gr'v'wpuggp'f'cv'0'Xct'k'w'u'o gjv qf u."uwej "cu'i tkf "ugctej . 'tcpf qo "ugctej . " cpf "o qt'g'cf xcpegf "v'ej pls wgu'rkng"De { gukcp"qr vko k' cv'kqp"cpf "i gpgv'ke" cni qtkj o u."ctg'go r m'j { gf "vq" u'uggo cv'ecm' "g'zr m'j g'vj g'j { r gtr ctco gygt "ur ceg'0"

Vj g'ko r qt'v'peg'qh'j { r gtr ctco gygt "wplki "ecppqv'dg'qxgtucv'gf . "cu'vj g'ej ql'eg'qh'j { r gtr ctco gygtu'ecp" o gcp'vj g'f'k'ht'g'peg'dgy ggp'c'b' qf gr'vj cv'r gthqto u'cf gs w'v'gn' { 'cpf "qpg'vj cv'gz'egnu'OK'ku'cp'k'gt'cv'xg'cpf " qh'wp'eqo r w'cv'k'p'cm' { 'k'p'v'p'uk'x'g'r tqegu. "dw'vj g'r c { qh'h'k'p'v'gt'o u'qh'o qf gr'r' gthqto cpeg'ku'uwdu'cv'k'cn'0'k'p" vj ku'r cr gt "y g'ctg'r tq'q'k'p' "cp" cni qtkj o le" cr r tqcej "vq"qr vko k' g'vj g'ceewtce { "qh'O cej kpg'ngctplki " O qf gnu'Qw'crr tqcej "vq"qr vko k' g'vj g'ceewtce { "qh'vj g'O cej kpg'ngctplki "o qf gnu'ku'cp'k'gt'cv'xg'crr tqcej " y j lej "y km'nggr "c" v'cen'qh'vj g'ceewtce { "qh'o qf gr'cv' g'cej "k'gt'cv'k'p." vj g'r tq'q'ugf "crr tqcej "ku" c" eqo r t'gj gpuk'x'g'crr tqcej "y j lej "ecp'dg'ko r ngo gpv'gf "c'np' "cp { "qh'vj g'o cej kpg'ngctplki "cni qtkj o 0"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### STOCHASTIC APPROACH USING STATISTICAL DISTRIBUTION TO EXPECTED LIFETIME OF HYPERTENSION PATIENTS

<sup>1</sup>\*Kannadasan Karuppaiah, <sup>2</sup>Vinoth Raman and <sup>3</sup>Ezhilvanan Mani

<sup>3</sup>. Cuukucpv'Rt qhguuqt "qh'Dkquc vkukeu "F gr ctvo gpv'qh'Ego o wplk' "O gf kekpg. "O gro ctwxcvj wt " Cf j kr ct cucmj k'kpukwvg"qh'O gf kecn'Uekgpegu'cpf "Tuguctej. "O gro ctwxcvj wt/825"53; . "Vco kpcf w. " kpf kc0'

<sup>4</sup>Cuukucpv'Rt qhguuqt. "O gcuw go gpv'cpf "Gxcnwvkap" F gr ctvo gpv. "F gcpuj kr "qh'S wrk' "cpf "Cecf go ke" Ceet gf kcvkap. "Ko co "Cdf wt cj o cp "Dkp "Hekucn'Wpkxgt uk'. "RQDqz "3; : 4. "F co o co "53663. "Uvfk' Ctcdk0'

<sup>5</sup>Cuukucpv'Rt qhguuqt "qh'Dkquc vkukeu. "F gr ctvo gpv'qh'Ego o wplk' "O gf kekpg. "Vci qt g"O gf kecn'E qngi g" cpf "J qur ken "Tcvj kpc o cpi ctvo. "O gr nqwk' wt. "Ej gppck/8223490Vco kpcf w. "kpf kc0'"

"

#### ABSTRACT

J {r gt vgpukxg"j gctv'f kugcug. "o ctmgf "d { "o qtr j qmji kecn'cpf "hwpevkpcn'f { uhwpevkqp. "ku"o quvn' "ecwugf "d { " r gtukuvp'wpeqvtqmgf "j {r gt vgpukq"vj cv'chgevu"vj g"ngh'xgptleng. "ngh'cvtkwo. "cpf "eqtqpct { "ctvgt lgu0' J {r gt vgpukxg"j gctv'f kugcug'ku'wpl gtt gr qt vgf. "cpf "ku'rkpnci gu'cpf "tgr gteuukapu'ct g'pqv'y gni'wpl gtuvqf0' Vj ku'y qtm'eqpukf gtu'cp'chh'evgf "kpf kxk' wcn'y kj "c'ukpi ng'uqwt eg'Rqy gt "Dwt "Z "F kntkdwkqp"y kj "f kntkpev' vj tguj qrf u0'Vj g'uj qen'lo qf gni'cpf "ewo wrc'xg'f co ci g'r tqeguu'ct g'wugf "vq'f gvgto kpg'vj g'gunko cvgf "vko g" vq'etquu'vj g'vj tguj qrf 0Ur gekhe "F kntkdwkqp'ct g'wugf "kp'qtf gt "vq's wcpvkcvxgn' "f go qpvt cvg'vj g'cpcn'f kecn' t guwu0'"

**Key Words:** "Rqy gt "Dwt "Z " F kntkdwkqp. "Gzr gev'f " Vlo g. " J {r gt vgpukq" Rcvkpw. " Vj tguj qrf " cpf " Rctco gvtu0'"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### KHOTANESE LITERARY WORKS

*Fariba Sharifian*

*Cuuqekcvg'Rt qhguuqt "qh'vj g'Tgugctej "Kpukwvg'qh'EwnwtcnJ g'kci g'cpf "Vqwtkuo . 'Vgj t cp. "Kcp"*

#### ABSTRACT

Vj g'Mj qvcpug"rcpi wci g"ku" c" Egpvtcn'Gcuvtp"Kcplcp"rcpi wci g."cpf "ku"uwf {"cpf "gzco kpcvqp"j cxg" uki pklcpcw" kpet gcugf "kp"vj g'rcu'egpwt {"f wg'v'ku'rkpi wku'le'hcwttgu "ewwtcn'le j pguu "cpf "eqppgevkp" y kj "Dwf f j kuo "cpf "Ucpuntk'rcpi wci g'cpf "rkgtcwtg0Vj g'f kucxgt {"qh'rqcncf qewo gpw'cpf "o cpwctk u" kp"vj g"tgi kqp"qh'Mj qvcp"cpf "vj"Vj qwucpf "Dwf f j cu"Ecxgu."qp"hp"eg" Ej kpgug"r cr gtu"d {"Y guvtp"cpf " Lcr cpug"gzr rqtcvkq"vgo u'cv'vj g'gpf "qh'vj g'3; vj "egpwt {"cpf "vj g'dgi kppki "qh'vj g'42vj "egpwt {"qr gpgf " c'pgy "ej cr vgt "kp"vj g'j kvqt {"qh'Mj qvcp0Vj g'gzco kpcvqp"qh'vj g'gug" f qewo gpw. "y tkwgp"kp" c'rguu/npqy p" Kcplcp" f krcge'v'cpf "eqpvk'kpi "vgej p'ecr'vgt o u'ltqo "Ucpuntk'cpf "Rtcntk'cetquu"xctkqu" hkrf u'uwej "cu" rkgtcwtg." uelgpeg." cf o kpvkcvkq." r qnk'leu." o gf lekpg." gve0" kmwo kpcvqf " vj g' j kvqtkecn' cpf " ewwtcn' dceni tqwvf "qh'Mj qvcp0Ej kpgug"r ki tko u'ltqo "vj g'hkvj "egpwt {"tghgt "v" c"v' r g'qh'tkwcn'cpf "tgrki kqu" vcf k'kqu" vj cv' ctg" kpf kcp" cpf "Dwf f j kv" j qy gxgt." dghgt "vj g' cttkcn' qh' Dwf f j kuo ô gur gekem {"ku" ko r qtcvp'uej qqn"O cj c{cpcô cpekgp'Kcplcp'dgrkhu'y gt g'r tgcrcgp0Dwf f j kv'rkgtcwtg'ltqo "Mj qvcp" tgh'gew'vj g'kpvgi tcvkq"qh'vj g'gug'cpekgp'dgrkhu'kpvq" Mj qvcp0

**Key words:** "Mj qvcpug." \ co dcuc.'O k f f ng'Ncpi wci gu."Kcp0

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE IMPACT OF CLIMATE CHANGE AND ITS EFFECTS ON LIFE AROUND THE GLOBAL

Dr. Neha

*Cuuqekvg'Rtqlguuqt*

*Uy co k'Xkxgncpcpf 'Uwdj ctvk'Wpkxgt ukaf. 'O ggtw: 'Wwct 'Rt cf guj . '472227'kpf kc*

#### ABSTRACT

Erko cvg'ej cpi g'j cu'cny c { u'j cr r gpgf "qp"Gctvj "dw'ku'tcr kf "tcvg'cpf "ko r qtvcv'o ci pkwf g'qeewtlkpi " pqy "ctg'qh'i tgcveqpegtP0Erko cvg'ej cpi g'qeewtu'cu'c't guwm'qh'cp'ko dncpep'dgy ggp'kpeqo kpi "cpf " qwi qkpi "tcf kcvkqp'kp"vj g'cvo qur j gt g'Vj g'i mdcnly cto kpi "cuuqekvgf "y kj "erko cvg'ej cpi g'ku'f khtg gp' "lt qo 'r cuv'y cto kpi "kp'ku'tcvg'0K'ku'cpvlekr cvgf "vj cv'vj gt g'y kn'dg'c'tkug'kp"i mdcnlo gcp'vgo r gtcwt gu'qh' wr " vq" 706AE" d { " 43220' Vj gt g' ku" qxgt y j gmo kpi " gxlk gpeg" uj qy kpi " vj cv' j wo cp" cevxxkkgu" j cxg" eqpvt kdwgf " vq" erko cvg'ej cpi g'qxgt "vj g'rcu'egpwt { "y j krg'ej cpi gu'kp"uqmt "cevxxk { "cpf "xqrecple" gt wr vqpu'j cxg'r r { gf "c"o kpat "tqng'0Qxgt "vj g'rcu'ugxgt cni'f gecf gu."j wo cpu'j cxg'gpi ci gf "kp"rti g/ uecrg" vcpuhqto cvkqp" qh' pcwtcn' u' ugo u' ecwukpi " c" pgy' ceewo wrcvqp" qh' ectdqp" f kqzkf g' kp" vj g' cvo qur j gt g'Erko cvg'ej cpi g'ku'tgeqi pk gf "cu'c'ugt kqwu'vj tgc'v'q'gequ { ugo . "dkqf kxgtukf . "cpf j gcnj 0' K'ku'cuuqekvgf "y kj "cnvgtcvkqpu"kp"vj g'r j { ulecn'gpxkqpo gpv'qh'vj g'r rcp'g'Gctvj "cpf "chhgeu"rkhg" ctqwpf "vj g'i mdc'0Cf cr cvkqp"v'vj g'eqpugs wpegu'qh'erko cvg'ej cpi g'cpf "r t'gxgpv'kqp"qh'ci i t'cxv'kqp" qh'erko cvg'ej cpi g'ctg'ng { "ej cngpi gu'hqt "vj g'uqekgv'0'Rqrke { o cngt u'o wuv'ko r ngo gpv' gt uqpcrk gf " uvt cvgi kgu."gur gekm { "kp"vj g' xwpgtcdng'r qr wrcvqpu0

Erko cvg'ku'ej cpi kpi "kp"cp"ceegngtcvki "r ceg'0'Erko cvg'ej cpi g'qeewtu'cu'c't guwm'qh'cp'ko dncpep' dgy ggp'kpeqo kpi "cpf "qwi qkpi "tcf kcvkqp'kp"vj g'cvo qur j gt g'Vj g'i mdcn'o gcp'vgo r gtcwt gu'o c { " kpetgcug'wr "vq"706AE" d { "43220'Erko cvg'ej cpi g'ku'o c'kpn { "ecwugf "d { "j wo cpu."gur gekm { "vj tqwi j " kpetgcugf "i tggpj qwug'i cu'go kuukqpu0Erko cvg'ej cpi g'ku'tgeqi pk gf "cu'c'ugt kqwu'vj tgc'v'q'gequ { ugo . " dkqf kxgtukf . "cpf "j gcnj 0'K'ku'cuuqekvgf "y kj "cnvgtcvkqpu"kp"vj g'r j { ulecn'gpxkqpo gpv'qh'vj g'r rcp'g' Gctvj 0' Erko cvg' ej cpi g' chhgeu" rkhg" ctqwpf " vj g' i mdc'0' K' ko r cewu" r rcpw" cpf " cpko cnu." y kj " eqpugs wpegu'hqt "vj g'utxkcn'qh'vj g'ur geku'0'kp"j wo cpu."erko cvg'ej cpi g'j cu'o wnr ng'f grngvt kqwu" eqpugs wpegu'0'Erko cvg'ej cpi g'etgcvgu'y cvgt "cpf "hqf "kpugewk { . "kpetgcugf " o qtdk k { lo qt vcrk { . " cpf "r qr wrcvqp"o qxgo gp'0'Xwpgtcdng'r qr wrcvqpu" \*g'0'ej kft gp. "grf gtn { . "kpf ki gpqwu."cpf "r qqt+" ctg'f kur tqr qt vqpcvgn { "chhgevgf (Rgtuqpcrk gf "cf cr cvkqp"v'vj g'eqpugs wpegu'qh'erko cvg'ej cpi g'cpf " r t'gxgpv'kxg" o gcuwt gu' ctg' ng { " ej cngpi gu' hqt " vj g' uqekgv'0' Rqrke { o cngt u' o wuv' ko r ngo gpv' vj g' cr r tqr tkvg'ut cvgi kgu."gur gekm { "kp"vj g' xwpgtcdng'r qr wrcvqpu0

Erko cvg'ej cpi g'tghgtu"vq"uki p'k'ecpv'ej cpi gu'kp"i mdcn'vgo r gtcwt gu'cpf "y gc'v'j gt "r cwgt pu'qxgt "vko g'0' Y j krg"erko cvg'ej cpi g'ku'c'pcwtcn'r j gpqo gpqp."t'gegpv'tgp'f u'j cxg'dggp"uki p'k'ecpv' "ceegngtcvgf "d { " j wo cp"cevxxkkgu."r ct'v'wctn { "vj g'dwt'p'kpi "qh'hquukl'hwgn"cpf "f ghqt guvcv'kqp'0'Vj ku'r cr gt "gzco kpgu"vj g' i mdcn'ghhgeu'qh'erko cvg'ej cpi g'hqewukpi "qp"gp'xkqpo gp'cn'j gcnj . "ci t'lewnwtcn"cpf "uqekq/geq'p'qo k" ko r cewu0'Erko cvg'ej cpi g'tghgtu'vq'hqpi /vgt o "cnvgtcvkqpu'kp"vgo r gtcwt g."r t'gekr kcvkqp."y kpf "r cwgt pu."cpf " qvj gt "nggo gpw'qh'vj g'Gctvj u'0'erko cvg'u { ugo 0J knqtkcni { . "vj gug'ej cpi gu'j cxg'qeewtgf "pcwtcn { "f wg'vq" xctk'qwu" h'evqtu" uwej "cu" xqrecple" gt wr vqpu."uqmt "tcf kcvkqp" xctk'v'kqpu."cpf "pcwtcn'i tggpj qwug"i cu" eqpep'v'cvkqpu'0J qy gxgt. "vj g'tcr kf "ej cpi gu'qdu'gt'xgf "qxgt "vj g'r cu'egpwt { "ctg'r tko ctkn { "cwt'kdwgf "vq" j wo cp"cevxxkkgu."r ct'v'wctn { "vj g'dwt'p'kpi "qh'hquukl'hwgn."f ghqt guvcv'kqp."cpf "kpf wut'kn'r tqeguugu" \*REE. " 4243-0'Vj gug'cevxxkkgu"j cxg'uki p'k'ecpv' "kpetgcugf "vj g'eqpep'v'cvkqpu"qh'i tggpj qwug"i cugu"kp"vj g' cvo qur j gt g."gpj cpeki "vj g'pcwtcn'i tggpj qwug'ghhgev'cpf "ngcf kpi "vq"i mdcn'y cto kpi 0'Vj g'uelgpv'khe" eqpugpuwu"qp"erko cvg'ej cpi g'ku'tqdwu'0'Vj g'k'vgti qxgt po gp'cn' Rcp'gn'qp"Erko cvg'Ej cpi g' \*REE+. " guv'cdkuj gf "d { "vj g'Wpkxgf "P cvkqpu."j cu'dggp" c'r kxq'cn'gp'v'k { "kp"eqpuq'rk cvkpi "uelgpv'khe"t'gugctej "cpf "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

r tqxkf lpi "eqo r t g j gpukxg"cuuguuo gpv"qh'erko cvg"uekgpeg0Vj gk"tgr qt u"j ki j rki j v'y cv'j wo cp"lphwvpeg" qp"vj g'erko cvg"u{ uvgo "ku"wpgs wlxqecrncpf"vj cv'eqpvkpwgf"i tggpj qwug"i cu"go kuukpu"y kn'ecwug"hwv j gt" y cto lpi "cpf"ej cpi gu"lp"cn'leqo r qpgpu"qh'vj g'erko cvg"u{ uvgo "KRE.E."4243-0'

Erko cvg"ej cpi gu" ko r cev" ku" et wckrnl' hqt" ugxgcrnl' tgcucpu0' Hkt uwl. "erko cvg" ej cpi g" j cu" hct/tgcej lpi " ko r rncvklpu" hqt"vj g"gpukxqpo gpv0' K'chgevu"gequ{ uvgo u."dlqf kxgt ukv{. "cpf"vj g"pcwtrnl' r tgeguugu"vj cv' uwr r qt v'rhg"qp"Gct vj 0Ej cpi gu"lp"vgo r gt cwt g"cpf"r tgekr kcvklp"r cvwtpu"ecp"fkut w v'j cdkc u."hgcf lpi "vq" uj klu"lp"ur geku"fkut kdwkpu"cpf"cn'gtcvklpu"lp"geqmi kcrnl' kvgtcevklpu0'Vj gug"fkut w v'klpu"ecp"j cxg" ecuecf lpi "ghgevu"qp"gequ{ uvgo "ugt xlegu."uwej "cu'r qnrkpcvklp."y cvgt"r v'khecvklp."cpf"erko cvg"tgi wcvklp." y j lej "ctg"xkcrnl' hqt"j wo cp"y gm'dgkpi "Tqqv"gv'crnl'4225-0'Ugeqpf n{."erko cvg"ej cpi g"r qugu"uki plhlecpr' tkumu"vq"j wo cp"j gcnj 0F k t gevko r cevu'lpemf g'j gcvt gmv'kf "kmpguugu"cpf"fkv'j u'f wv'vq"o qt g'htgs wgpv'cpf" kv'pug"j gc'v'y cxgu0'Kf k gevnl. "erko cvg"ej cpi g"ecp"gzcegt dcvg"ck"s wcrkvl "r tqdrgo u."kpet gcug"vj g'ur t gcf" qh'xgevq/dqtpg"fkugcugu."cpf"chgevu"hqf"cpf"y cvgt"ugewt k{ 0'Xwpgtcdrg"r qr wcvklpu."lpemf lpi "vj g" grf gtn{."ej kf t gp."cpf"vj qug"y kj "r tggz kvlpi "j gcnj "eqpf kklpu."ctg"r ct v'kwtrnl "cv'tkum"j cklpu"gv'crnl' 4228-0'

Ci tlewnwt g"cpf"hqf"ugewt k{ "ctg"cnq"r tqhwv' n{ "chgevgf" d{ "erko cvg"ej cpi g'0Ej cpi gu"lp"vgo r gt cwt g" cpf"r tgekr kcvklp"ecp"cn'gt"i tqy lpi "ugcucpu."tgf weg"etqr "{ kgrf u."cpf"kpet gcug"vj g'r t gxcv'peg'qh'r guu"cpf" f kugcugu0'Vj gug"ko r cevu"vj tgcvgp"i mqdrnl'hqf"ugewt k{."r ct v'kwtrnl "lp"tgi klpu"vj cv'ctg"crnl' gcf { "hqf" kpu'gewt g'0Hwv j gto qt g."ej cpi gu"lp"vj g'pwt kklp'cn'l's wcrkvl "qh'etqr u'f wv'vq"gr'xcv'gf"E Q4"rgxgnl'ecp"j cxg" uki plhlecpr'ko r rncvklpu" hqt"j wo cp"pwt kklp"j"Ndgm"gv'crnl'4233-0'Ncum{."erko cvg"ej cpi g"j cu"uqek/ geqpgo le" ko r rncvklpu0'Gzxtgo g"y gc'v'j gt" gxpva."uwej "cu"j v'tlecpgu."hqf u."cpf"ftqwi j w."ecwug" uki plhlecpr'f co ci g"v'q'kpl'cunt wewt g"cpf"fkut w v'geqpgo le"cev'kklgu0'Vj g'equu"cuuqekcv'gf"y kj "tgr ckt lpi " f co ci g" cpf" cf'cr v'klpi " vq"ej cpi lpi " eqpf kklpu" ctg" uwducv'kcrnl' Cf f kklp'cm{."erko cvg" ej cpi g" ecp" gzcegt dcvg"gz kvlpi "uqekrnl'kpgs wcrkvlgu."hgcf lpi "vq"lpet gcugf"o ki tcvklp"cpf"fkur rcego gpv"qh'wgp'tghgt g'f" vq"cu"erko cvg"tghw' ggu"Dr'eni'gv'crnl'4233-0'

Erko cvg"ej cpi g"ku"c'etk'lecrnl'kuwv'vj cv'j cu'r tqhwv'f "ko r cevu"qp"xct kqwu"cur gew'qh'r'rhg"ctqwpf"vj g'i mqdg0' Vj ku"uwf { 'cko u'v'q'gzr nqt g'vj g'o wml'cevgf "ghgevu"qh'erko cvg"ej cpi g"qp"vj g'gpukxqpo gpv."j wo cp"j gcnj ." ci tlewnwt g."cpf"uqek/ geqpgo le"eqpf kklpu0'Vj g'r cr gt"r tqxkf gu'cp"qxgt xlgv "qh'vj g'uekpv'hle"eqpugpuwu" qp"erko cvg"ej cpi g."gzco kpgu"vj g'gxkf gpeg'qh'ku"ko r cevu."cpf"fkuewuugu'r qv'pvc'nl'ut cvgi kgu"ht"o kki cvklp" cpf"cf'cr v'klp0'

**Keywords:** erko cvg"ej cpi g."i mqdrnl'y cto lpi ."gequ{ uvgo ."cpko cn'lwtxkcnj wo cp"j gcnj ."xwpgtcdrg" r qr wcvklpu."cf'cr v'klp."r t gxp'vklp0'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### WELL-POSEDNESS AND STABILITY RESULTS OF NONLINEAR WAVE EQUATIONS WITH VARIABLE EXPONENTS IN DAMPING AND

**Imene LARIBI**

*RJ F'OU'Mj go ku'O kkcpc'Wpkxgt ukf. 'F gr ctvo gpv'qh'O cyj go c'keu. 'Eqo rrwgt 'Uekgpeg'cpf "O cyj go c'keu'Ncdqt cvqt { 'qh'Nci j qwc v. 'Cni gt kc"*

**Ali KRELIFA**

*FtO'Mj go ku'O kkcpc'Wpkxgt ukf. 'F gr ctvo gpv'qh'O cyj go c'keu. 'Gpgti { 'cpf 'kpvgnki gpv'uf'wgo u" Ncdqt cvqt { 'Cni gt kc"*

**Djamel OUCHENANE**

*FtO'Nci j qwc v'Wpkxgt ukf. 'Ncdqt cvqt { 'qh'rwt g'cpf 'crrrkf "O cyj go c'keu. 'Cni gt kc"*

**Salah ZITOUNI**

*FtO'UqwmCj tcu'Wpkxgt ukf. 'F gr ctvo gpv'qh'O cyj go c'keu'cpf "eqo rrwgt 'uekgpeg. 'Cni gt kc"*

#### ABSTRACT

Vj ku'tgugctej 'r cr gt 'f kuewuugu'vj g'i mdcn'gz kuvpeg'cpf 'ucdtkk' { 'qh'luqmwkqpu'qh'ij g'y cxg'gs wcvkqpu'uf'wgo " y kj "xctkcdrg/gzr qpgpv'pqrkpgct'kkgu."

$$\begin{cases} u_{tt} - \Delta u + \eta(t)|u_t|^{p(x)-2}u_t + |u|^{\lambda(x)-2}u|v|^{\lambda(x)} = F_1(u, v), \\ v_{tt} - \Delta v + \kappa(t)|v_t|^{p(x)-2}v_t + |v|^{\lambda(x)-2}v|u|^{\lambda(x)} = F_2(u, v), \end{cases}$$

Y j gt g"

$$\begin{cases} F_1(u, v) = a_1|u + v|^{\rho(x)-1}(u + v) + a_2u|u|^{\frac{\rho(x)-3}{2}}|v|^{\frac{\rho(x)+1}{2}}, \\ F_2(u, v) = a_2|u + v|^{\rho(x)-1}(u + v) + a_2v|v|^{\frac{\rho(x)-3}{2}}|u|^{\frac{\rho(x)+1}{2}}, \end{cases}$$

Y g'uvctv'd { 'wulpi 'I cngtnkpa'cpf 'Dcpej 'hz gf 'r qkpvo gvj qf u'v' r tqxg'vj g'gz kuvpeg'cpf 'wpls wpguu'qh' uqmwkqpu'Vj gp. 'wpgt 'cr r tqr tlcvg'j { r qv gugu'qp'vj g'xctkcdrg'gzr qpgpv p, q. "λ. "cpf "ρ. 'y g'cej kxg'vj g' uc dtkk' { 't guwu'wulpi "c" rgo o c'htqo "O ct vpg' O'Qwt "hpf kpi u" g'zr cpf "cpf "i gpgtck' g'ugxgtcni' r tgxkqwu" t guwu' "

**Keywords** <Y cxg'gs wcvkqpu. "ucdtkk' { "xctkcdrg'gzr qpgpv. "pqrkpgct' uqwt egu. "gpgti { 'f gec { . "gz kuvpeg0"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DETERMINATION OF SOME HEAVY ELEMENTS IN GROUNDWATER FOR A SAMPLE OF WELLS IN NAJAF GOVERNORATE / IRAQ

Aayad Ammar'Sayhood and Mohanad Hazim Halboos\*

Fgrctvo gpv'qh'Geqni { . 'Hcewn' / 'qh'Uekpeg. 'Wpkxgt uks' / 'qhl'Mwlc. 'Pclch' / 'Kcs' /

#### ABSTRACT

Qwt 'tugctej 'i qcnly cu'v'jy qtwi j n' 'cpcn' | g'o clqt' j gcx { "o gvcni'cpf "eqo o qp'y cvgt "s wcrk' / r'ctco gvgtu" cv'72' f' h'gt gpv'ucor r'kpi "uksu'cetquu'Pclch'I qxgtpqtcvg. 'lpeqtr qtcv'kpi "dqvj "ci tlewm'wnc'nc'pf 'wtdep'ctgeu' vq"eqxgt "c"tgr tgugpcv'kxg" r'qt'v'kpi "qh"vj ku" xkcil'i tqwpf y cvgt "uqwtcg'J gcx { "o gvcni' swcp'v'k'f "y' t qwi j " tqdwu'KER/O U" cpcn' uku' kpenw' gf "ngcf. "ecf o kwo . "plengn" ej tqo kwo . "eqdcn" eqr r gt. "cpf "o cpi cpgug' Ngcf "eqpco kpcv'kpi "y cu'gz v'g'pukxg. "y kj "97" "qh'uco r ngu'gzeggf kpi "Y J Q" ( "Kcs "i w'f g'rk'pgu" \*47" i IN- d { "32" "v' "57" v'ko gu'cv'egt v'clp'wtdep' j' qur qu'00 gcp'ngcf 'h'xgn'y gt g'v'j g'j ki j gu'v'g'xgt t'gr qt'v'gf 'hqt' Pclch'cv' 367" i IN' kpf kcv'kpi "c'cto kpi " r qm'w'k'p' o c'kpn { "cwt'kd'w'cd'ng" vq" o w'p'k'k' r cn' y cuvg' f wo r kpi O' U'c'rk'p'k' k'p'f kcv'qtu' r'kn'g' ej m'k'k' g. "j c'f'p'guu. "cpf "VF U" h'xgn'y gt g'cnuq' eqpukv'gp'v'nd' "cdqxg" f t'k'p'k'pi "y cvgt "pqto u' f v'g" vq" pcw'tcm { "j ki j " d'cemi tqw'p'f u' eqo d'k'p'g' "y kj " ko r cevu' qh' w'p'v'gc'v'gf " gh'w'g'p'v'u' h'qo " k'pet g'c'k'p' k' r q' r w'c'v'k'p' en'w'v'gtu'0'82' "qh" uksu" j c'f "uc'rk'p'k'v' { "qxgt "5" v'ko gu' v'j g" r c'n'v'cd'k'k'v' { "v'j t'g'uj q'rf' O' Y q'tt { k'p' i n' . " eq'rk'q'to "d'ce'v'gt'k'c' eq'w'p'u'w'd'u'v'c'p'v'c'v'gf "gz v'g'pukxg' u'gy ci g'c'p'f "q'ti c'pl'e' y cuvg' eq'p'co kpcv'k'p'0'W'puch'g' h'xgn' y gt g'f k'ueq'x'g'g'f "k'p'v'j g' x'k'k'p'k'v' { "qh'P clch'ek'v' { "cu'y g'ni'cu' u'qo g'c'f l'q'k'p'k'pi "t'w'c'ni'c't'g'cu'y kj "; 2' "qh'uco r ngu' d'g'k'p' "w'ph'k'v'ht' f' k'g'v'w'uci g' y kj q'w'f k'uk'ph'g'e'v'k'p'0'V'j ku' h't' u'v' u' { u'v'go c'v'k'c'p'c'n { uku' k'p'f kcv'v'gu'gz v't'go g'nd' j' gcx { " eq'p'co kpcv'k'p' "qh'P clch'v'xkcil'i tqw'p'f y cvgt "t'gug't'x'g'u'd' { "t'ceg" o gvcni'cpf "o let'q'd'k'c'i'ci gpw' / "ec'rk'p' k'pi "hqt" w'i gp'v'o g'cu'w'gu' k'penw' k'pi "uqwtcg' t'go g'f kcv'k'p' . "t'gi w'c'v'gf "y cuvg' f wo r kpi . "y cvgt "t'g'c'v'o g'p'v'd'gh'q't'g' w'k'rk'v' { " u'w' r n' { "f' k'v'k' d'w'k'p'v' ( "eqo o w'p'k'v' { "y c't'g'p'gu' r t'q'i t'co u'v'q'c'k'f "eq'pug't'x'c'v'k'p'0' "

"  
"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### OPTIMIZATION AREAS IN SOLAR PHOTOVOLTAICS

*Muhammad Mateen Afzal Awan*

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#### ABSTRACT

Uqurt "r j qvqxqncle" \*RX+ vgej pqrqi { "j cu" go gti gf "cu" qpg" qh" vj g" o quv" r tqo kulpi "cpf" uwuvcpcdrng" gpgti { "uqwtegu" lp" vj g" i mdcln" tpcuklqp" vq" t gpgy cdrng" r qy gt "i" gpgtc vqap0J qy gxgt. "cej kxkpi" "qr vko cni ghhekepe { "lp" uqurt "RX" u{ uvgu u" tgo ckpu" c" uki pklhecpv" ej cmgpi g" f wg" vq" lpj gt gpv" xctkcdkks { "lp" gpvktqpo gpvcl" eqpf klkpu. " uvej " cu" uqurt " ktcf kcepg" cpf " vgo r gtcwtg" hmwewc vqpu0' Vj ku" r cr gt " gzt rqtgu" xctkqwu" qr vko k c vqap" ctgcu" y kj lp" uqurt "r j qvqxqncleu" cko gf "cv" gpj cpeki "gpgti { " { lgrf. " tgrkcdkks { . "cpf" "qxgtcm" u{ uvgu "r gthqto cpego'

Qpg" o clqt "ctgc" qh" hqewu" ku" vj g" f gxgr o gpv" qh" cf xcpegf "O czko wo "Rqy gt "Rqlpv" Vtcentpi " \*O RRV+ " cni qtkj o u. "y j lej "r r { "c" etklclntqng" lp" tgen vko g" qr vko k c vqap" qh" r qy gt "gzvtecvqap0Vj ku" uwf { "gzco kpgu" uvcg/ qh" vj g/ ctv' O RRV" vgej plk wgu. "eqo r ctapi " tcf klkpcncl r r tqcej gu" uvej "cu" Rgt wtd" cpf " Qdugt xg" \*R( Q+ " y kj "o qt g" uqr j kulecvgf "o gyj qf u" lpxqixkpi "ct vklecln" lpgvni gpeg" cpf "dkq/ kpur ktgf "cni qtkj o u. "lpewf lpi " Rct vleg" Uy cto "Qr vko k c vqap" \*RUQ+ "cpf" Hqy gt "Rqnlpcvqap" Cni qtkj o " \*HRC+0'

Cpqv gt "qr vko k c vqap" cur gev" f kuewuugf "ku" vj g" lpgvi tcvqap" qh" cf cr vkg" eqpvtqn" utcvgi lgu" cpf "j { dtkf " cni qtkj o u" vj cv' eqo dlp g" vj g" utgpi vj u" qh" f kht gpv" vgej plk wgu" vq" qxgteqo g' kuwgu" uvej "cu" r ctvcln" luj cf lpi " cpf " tcr kfn" "ej cpi lpi " y gvj gt "eqpf klkpu0' Cf f klkpcm { . "vj g" r cr gt " t gxky u" o cvgtcln" lppqxcvqpu" cpf " gpj cpego gpw" lp" r j qvqxqncle" egn' ctej kgewtg" cko gf "cv" o loko k lpi " gpgti { " nqu" cpf " o czko k lpi " eqpxgtukap" ghhekepe { 0'

Vj tqwi j "c" eqo r t g j gpukxg" cpcn { uku" qh" vj gug" qr vko k c vqap" ctgcu. "vj g" t gugctej "wpf gt ueqt gu" vj g" pggf "hqt" c" o wnkf luek r npct { " r r r tqcej "vq" cf xcpeg" uqurt "RX" vgej pqrqi lgu' D { " lpeqtr qtcvki " tqdwu" cni qtkj o ke" utcvgi lgu" cpf " o cvgtcln" uelpege" lppqxcvqpu. " vj g" r cvj y c { "vq" cej kxkpi " j ki j gt " ghhekepe { " cpf " o qt g" uwuvcpcdrng" gpgti { " uqnwvqpu" ecp" dg" uki pklhecpvni " ceegrt cvgf 0'

**Keywords:** Hqy gt "r qnlpcvqap" cni qtkj o . "Uqurt "Rj qvqxqncleu. "Qr vko k c vqap. "O RRV



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EVALUATING WOODY SPECIES COMPOSITION AND REGENERATION IN CONTROLLED AND FREE GRAZING SYSTEMS FOR SCALING UP AGROFORESTRY IN THE HIGHLANDS OF NORTHERN ETHIOPIA

Gebremariam Yaebiyu<sup>a</sup>, Emiru Birhane<sup>a</sup>, Tewodros Tadesse<sup>b</sup>, Solomon Kiros<sup>c</sup>, Kiros Meles Hadgu<sup>d</sup>

<sup>a</sup> Fgrctwo gpv'qhlNcpcf "Tguqwt egu'O cpci go gpv'cpf "Gpxkt qpo gpw'nRt qvgevqpp." O gngng'Wpkxgt ukv'."

O gngng.'Gvj kqr kc="Fgrctwo gpv'qhl'Ci tke'wmt cr'cpcf "Tguqwt eg'Geppqo keu." O gngng'Wpkxgt ukv'."

O gngng.'Gvj kqr kc="Uekpeg"cpf "Vgej pqrqi {." Cf f ku' Cdc dc' Wpkxgt ukv'." Cf f ku' Cdc dc.'Gvj kqr kc="Y qtrf "

Ci tqhqt gut { 'Egpygt "KETCH=" Cf f ku' Cdc dc.'Gvj kqr kc' O'

""

#### ABSTRACT

Wpf gtucpf kpi "vj g'r gthqto cpeg'qh'ci tqhqt gut { 'y qqf { "ur geku'kp'eqpvtqmgf "cpf "ht gg'i tcl kpi "u{uigo u'ku" etwekrihqt "uecrkpi "wr "ci tqhqt gut { 'r tcevegu'Vj g'qdlgev'xg'qh'vj ku'uwf { 'y cu'v'kf gpv'kh' "cpf "gxcnvcv'vj g" f gvgto kpcpw'qhl'ci tqhqt gut { 'y qqf { "ur geku'eqo r qukkqp'cpf "tgi gpgtcv'kp'kp'ht gg'cpf "eqpvtqmgf "i tcl kpi " u{uigo u'kp"vj g" Gvj kqr kcp"j ki j rcpf u'J qwugj qrf "cpf "hkrf" uwt'xg{u"y gt g"eqpf wev'gf "qp": 5"cpf "393" j qwugj qrf u'ugrgev'gf "htqo "eqpvtqmgf "i tcl kpi "EI "+cpf "ht gg'i tcl kpi "HI "+u{uigo u.'t gur gev'xgn' O'Y qqf { " ur geku" r gthqto cpeg" y cu" eqo r ctgf" dgy ggp" vj g" vy q" i tcl kpi "u{uigo u" wukpi " kpf gr gpf gpv' V/vgu' O' Uggo kpi n' "wptgrcv'gf "tgi tgu'kqp" \*UWT "+y cu" wugf "v'kf gpv'kh' "vj g" hcevqtu" f gvgto k'kpi "y qqf { "ur geku" f gpukv' kcdw'p'cpeg. "f kxgtukv' { "cpf "tgi gpgtcv'kp' O' quv't'gguy gt g' i tqy p' hqt "hwg'ly qqf "cpf "ko dgt "tc vj g" vj cp" hqt" hqf f gt' O' EI " wugtu" qy pgf "o qtg" f kxgtuk'gf "ur geku" cpf " cdw'p'cpv' tgi gpgtcv'gu" cpf "o cwt g" vt ggu'lj tdwu'vj cp' HI " wugtu' Vj g' UWT "t guwmu'uj qy gf "vj cv'j g'f "uk' g. "hcto rcpf "uk' g. "hgpeki. "r rcpvc'kp'qh' uggf r kpi u. "gf wecv'kp. "y gcnj. "i tcl kpi "u{uigo. "hcto rcpf "f kucpeg" htqo "j qo guv'gf "cpf "umr g'y gt g" vj g" o clqt "hcevqtu" ch'gev'kpi "vj g' eqo r qukkqp'cpf "tgi gpgtcv'kp'qh' ur geku' O' Ur gek' h'ecm' "vj g' UWT "t guwmu" r gt/ j qwugj qrf "kpf kcv'gf "vj cv'y qqf { "ur geku" tgi gpgtcv'kp' y cu' j ki j n' "ch'gev'gf "d { "i tcl kpi "u{uigo O' Hgpeki "ku" vj g' eqo o qp' w'p'f gt n' kpi "hcevqt" r qukk'xgn' "ch'gev'kpi "ur geku" f kxgtukv' { "tgi gpgtcv'kp'cpf "f gpukv' "qh'o cwt g" vt ggu' O' J qo guv'gf "f kucpeg" htqo "t qcf "cpf "pwo dgt "qh' r rcpv'gf "uggf r kpi u'uki p' h'ecp'v' "ch'gev'gf "f gpukv' "qh' tgi gpgtcv'gu" cpf "o cwt g" vt ggu' O' F gpukv' "qh'o cwt g" vt ggu' cpf "ur geku" f kxgtukv' "y gt g' uki p' h'ecp'v' "ch'gev'gf " d { "ci tqgeqmi { "cpf "umr g' O' Y qqf { "ur geku" f kxgtukv' "y cu' uki p' h'ecp'v' "ch'gev'gf "d { "gf wecv'kp. "y gcnj. " hcto rcpf "uk' g" cpf "r tq' lgev' r ct' v'k' r cv'kp' O' Qw' "h'kf kpi u' t' g' x' g' r' g' vj cv' vj g' uecrkpi "wr "qh' y qqf { "ur geku" kp" ci tqhqt gut { "tgs w'kt gu' p' qv' q' p' n' "EI " cpf "h'cxqt cdng' ci tqgeqmi { "dw'cnuq" o cvej kpi "qh'ci tqhqt gut { "qr v'kpu" y kj "j qwugj qrf "cpf "hcto r rcpf "ej ctcev'gt'ku'ku' O' "

Vj ku' r' t' g' u' p' v' k' p' h' c' m' u' y' k' j' k' p' v' j' g' v' q' r' k' e' c' n' i' c' t' g' c' q' h' g' z' g' o' r' r' e' t' { "eqo r r' g' v' g' f' r' t' q' l' g' e' u' "4+ "cpf "k' v' e' q' p' t' l' d' w' g' u' v' q' " vj g' f' w' c' n' l' x' g' t' c' t' e' j' kpi "vj go g' qh' c' f' x' c' p' e' k' p' i' "u' q' e' k' q' / g' e' q' m' i' k' e' c' n' r' t' c' e' v' e' g' t' g' u' g' t' e' j' "y' k' j' "j' w' o' c' p' k' k' g' u' "p' c' w' t' c' i' l' " u' q' e' k' n' i' l' e' k' p' e' g' u' " c' p' f' "g' p' i' k' p' g' g' t' k' p' i' O' J' q' y' g' x' g' t' . "c' o' c' p' w' e' t' k' r' v' e' c' p' p' q' v' d' g' f' g' x' g' n' r' g' f' "h' q' t' vj g' ur gek' n' i' k' u' w' g' u' c' h' g' t' " vj g' r' t' g' u' g' p' v' k' p' p' O' Vj g' r' t' g' u' g' p' v' k' p' p' k' u' h' q' t' t' g' i' w' r' t' "u' g' u' k' q' p' u' O' "

**Keywords** < Cdw'p'cpeg. "Ci tqhqt gut { . "I tcl kpi "u{uigo. "Ur geku' f kxgtukv' . "UWT" o qf gn"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### UTILIZATION OF HEALTH SERVICES BY RURAL WOMEN IN DISTRICT MANSEHRA: CHALLENGES, ACCESSIBILITY, AND IMPACT ON MATERNAL HEALTH

*Saba SHAUKAT<sup>1</sup>*

<sup>3</sup>©pkxgt ukx/ "qhCi tkewmw g'Rgij cy ct. 'Hcewn/ "qhUqekcn'Uekgpegu. 'F gr ctwo gpv'qh'Twtcn'F gxgrqro gpv. " Rgij cy ct. 'Rcnkucp0'

<sup>3</sup>QTEK 'KF <j wru<1qtekf Qti D22; /222; /5754/4372"

*Bilal BAHADAR<sup>2</sup>*

<sup>4</sup>©pkxgt ukx/ "qh'Rgij cy ct. 'Hcewn/ "qhUqekcn'Uekgpegu. 'F gr ctwo gpv'qh'Uqekcn'Y qtm'Rgij cy ct. 'Rcnkucp0'

<sup>4</sup>QTEK 'KF <j wru<1qtekf Qti D22; /222; /; 546/74: 2"

*Abdul JALIL<sup>3</sup>*

<sup>5</sup>©pkxgt ukx/ "qh'Rgij cy ct. 'Hcewn/ "qhUqekcn'Uekgpegu. 'F gr ctwo gpv'qh'Uqekcn'Y qtm'Rgij cy ct. 'Rcnkucp0'

<sup>5</sup>QTEK 'KF <j wru<1qtekf Qti D22; /2223/3783/337Z"

#### ABSTRACT

Twtcn'j gcnj "ugt xlegu"r n { "c"et wekn't qng"kp"r tqxkf kpi "dcule"cpf "o cvgtpcn'j gcnj ectg"vq"twtcn'y qo gp"kp" Rcnkucp. 'y j gt g'ceeguu'vq's werkv' 'j gcnj 'ugt xlegu'tgo ckpu'c'ej cmgpi g0Vj ku'uwf { 'gzco kpgu'vj g'wkrk' cvkqp" qh'twtcn'j gcnj "egpvtu"d { "y qo gp"kp" 'F kntlev'O cpugj tc. "hqewukpi "qp"vj g"ceeguuldkrkv'. "cxckrdkrkv'. "cpf" ghgcvkxgpguu'qh'o cvgtpcn'j gcnj "ugt xlegu'0Wukpi 's werkcvkxg'cpf 's wcpvkcvkxg'o gj qf u. "vj g'tgugctej "clo u" vq"cuuguu"vj g'ej cmgpi gu"twtcn'y qo gp" hceg. "kpenf kpi "rko kgf" vcpur qt cvkqp. "ewmwcn' dcttktu. "cpf" uj qtvcj g'qh'vckpof "j gcnj "r gtuqppg0Hkpf kpi u'y knlj ki j rki j v'i cr u"kp"vj g'ewttgpv'j gcnj ectg'u'uvgo "cpf" uwi i guv'utcvgi kgu'vq"ko r tqxg"j gcnj "ugt xleg" f grkxgt { "cpf" o cvgtpcn'qweqo gu0D { "gzco kpkpi "j gcnj ectg" wkrk' cvkqp"r cwgtpu"cpf "dcttktu. "vj g'uwf { "qh'gtu"kpuki j w'kpq" f guki pkpi "r qrtkcu"vj cv'gpuwt g'gs wkcdrng" ceeguu'vq"j gcnj ectg" hqt "twtcn'y qo gp. "vj gtgd { "eqpvtkdwkp" "vq"i gpf gt "gs werkv' "cpf" ko r tqxgf "o cvgtpcn' j gcnj "kp"wpf gtugt xgf "tgi kqpu"qh'Rcnkucp0""

**Keywords:** Twtcn'J gcnj "Ugt xlegu. "O cvgtpcn'J gcnj. "Ceeguuldkrkv'. "I gpf gt "Gs werkv'. "Rcnkucp"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CREATIVE WORKSHOPS OF STUDENTS AND EDUCATORS IN THE BOARDING SCHOOL: IDEAS FOR COOPERATION AND JOINT ACTIVITIES OF STUDENTS, PARENTS AND EDUCATORS

*Nedeljko M. Milanović*

*Wpkxgt ukxj "qhlMti ci vlgxe"*

*Hcewnj "qhlGf wecvkqp"kp"Lci qf kpc."Ugt dkc"*

*F gr ct wo gpv'qhlJ wo cpkkgu'cpf "Uqekcn'Uekgpegu"*

*Sanja D. Mijajlović*

*Uej qqn'ht "O wuke'Vcrgpu'kp" wrtklc."Ugt dkc"*

"

#### ABSTRACT

Vj g'cko "qh'vj ku't gugctej "eqpegt pu'vj g'uwwf gpw)'qr kpkapu'cdqww'vj g'etgcvxg'y qtmuj qr u'vj g{ "ko r rgo gpv' vqi gvj gt"y kj "vj g'gf wecvqtu"kp"vj g'dqctf kpi "uej qqn"y j gt g"y g"y cpv'vq"r qkp'qww"vj cv'vj gug"etgcvxg" y qtmuj qr u'ecp"dg'cp"kf gc"ht"lqkp'cevkkkgu"vj tqwi j "y j lej "vj g'dqctf kpi "uej qqn'eqwwf "kpxqrg'r ctgpw" cpf "ko r tqxg"eqqr gtecvkqp"cpf "eqo o wplecvkqp"y kj "vj go O'Vj kv'vj tgg'uwwf gpw'y j q'uc{ "kp"c"dqctf kpi " uej qqn'f wt kpi "vj gkt"gf wecvkqp"r ct vlek cvgf O'Uwwf gpw'cpuy gt gf "vj cv'vj g{ "rknq"vq"r ct vlek cvg"cpf "gplq{ " etgcvxg'y qtmuj qr u'y kj "gf wecvqtu"kp"vj gkt'rgkwt g'vko g'O'htv j gt 't gugctej "ecp"dg'f qpg"d{ "gzco kpkpi "vj g" f gi tgg'qh'kpvgt gu'qh'gf wecvqtu"kp"vj g'dqctf kpi "uej qqn'vq"lpxqrg'r ctgpw'kp"etgcvxg'cevkkkgu."cu'y gni'cu" gzco kpkpi "vj g"o qvxcvq"cpf "kpvgt gu'qh'r ctgpw'vq't gur qpf "vq"cevkkkgu"qh'vj ku'v' r g'cpf "r ct vlek cvg"kp" vj go O'

**Keywords:** "etgcvxg'y qtmuj qr u."dqctf kpi "uej qqn"eqqr gtecvkqpO'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### COOPERATION OF PSYCHOLOGISTS, PEDAGOGUE AND EDUCATORS IN THE BOARDING SCHOOLS - QUALITY OF INTERACTION AND CHALLENGES IN WORKING WITH PARENTS

"

*Nedeljko M. Milanović*

*Wpkxgt ukx' qh' M' ci wlgxe"*

*Hcewn' qh' Gf wecvkp' kp' Lci qf kpc. "Ugt dkc"*

*F gr ct wo gpv' qh' J wo cpkkgu' cpf "Uqekcn' Uekpegu"*

*Sanja D. Mijajlović*

*Uej qqn' hqt "O wuke" Vcrgpu' kp" wrtklc. "Ugt dkc"*

"

#### ABSTRACT

Vj g' hqewu' qh' vj ku' r cr gt' ku' cko gf' cv' f gygt o kpkpi "vj g' eqqr gtcvkp" qh' r u{ej qmji kuw. "r gf ci qi wgu' cpf" gf wecvqtu' kp' vj g' dqctf kpi "uej qqn. "y j gt g' y g' y cpv' vq' nqnm' cv' vj g' s wcrk' qh' vj gkt' kpvgtcevkp" cpf "vj g' ej cmgpi gu' kp' y qtnkpi "y kj "vj g' uwwf gpu" r ct gpu' Vj g' uco r ng' kpenw' gf' p' kpgv' "gf wecvqtu" htqo "vj g' Tgr wdke" qh' Ugt dkc' Vj g' t guwuu' kpf kecvg' vj cv' gf wecvqtu' o quwn' "eqqr gtcvg" y kj "r u{ej qmji kuw" cpf "r gf ci qi wgu. "gzej cpi g' kf gcu' cpf "uqixg' egt vcp' r tqdrgo u' qd' gyj gt' Ceeqtf kpi "v' vj g' gf wecvqtu' t gur qpugu. "r u{ej qmji kuw' cpf "r gf ci qi wgu' ct g' o quwn' "kpxqixgf' kp' y qtnkpi "y kj "r ct gpu' qh' uwwf gpu' y j q' j cxg' egt vcp' ej cmgpi gu' Gf wecvqtu' dgrk' xg' vj cv' vj gt g' ct g' qr r qt wpkkgu' vq' ko r tqxg' vj g' t g' r vkp' uj kr "cpf "eqqr gtcvkp" dgwy ggp" r u{ej qmji kuw. "r gf ci qi wgu' cpf" gf wecvqtu' kp' vj g' dqctf kpi "uej qqn" cpf "vj ku' kf gc" eqwrf "dg" gzc o kpgf "o qt g' vj qt qwi j n' "kp' uwdugs wgpv' go r kkecn' t' guctej 0'

**Keywords** r u{ej qmji kuw. "r gf ci qi wgu. "gf wecvqtu. "dqctf kpi "uej qqn" r ct gpu' 0"

**III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE**

**BACTERIOLOGICAL ANALYSIS OF URINE POLLUTED ENVIRONMENTS IN JOSEPH SARWUAN TARKA UNIVERSITY, MAKURDI**

*Igene Moses Dennis*

*QTEK <222; /222; /5; ; : /288; "*

*Dr Ubogu Monday"*

*Lqugrj "Ucty wcp"Vctne "Wpkxgt ukv". "O cmwfk "Dgpwg"Ucvg. "Pki gt kc0"*

**ABSTRACT**

C"wtkpg"fr quklkp"kp"o quvP ki gtlcp"wpkxgt ukvku"uwcmf "i q"qp"wpelj gengf "cpf"j cu'eqpukwngf "c"ugt kqwu" o gpceg"vq"j wo cp"j gcnj "cpf"vj g'gpxktpo gpvnl'gequ{ uvg0 0Vj ku'uwf { "dgeo g'pgeguuct { "vq"r ctvkwctn{ " kpxguki cvg" vj g" dcevtkcn' eqpwo kpcpw" kp" wtkpg" r qmwgf" gpxktpo gpw" qh" Lqugrj " Ucty wcp" Vctne" Wpkxgt ukv{ . "O cmwfk0"Ugxp"9+"wtkpg"uco r ngu'y gt g'eqmgevgf "cpf"cpn{ ugf "wukpi "ugt kcn'f knwkp"cpf" r qwt'r r wkp" vgej pls wgu0P wtkgpv'ci ct'y cu'uwgf "hqt"vj g'kuqr vkp. "9+"uco r ngu'kpenw kpi "c'i gpgtcn'eqpvtqn' y gt g'eqmgevgf "It qo "vj tgg"5+"f hgt gpv'ukvku"kp"vj g'Wpkxgt ukv{ "gpxktpo gpv"gecj "qh"vj g'ukvku"j cf "vy q"4+" uco r ngu'cpf "qpg"3+"i gpgtcn'eqpvtqn'0Vj g'uco r ng'eqmgevgf "ukvku'kpenw gf "vj g'P qt vj "eqt g"vj g'Uqwj "eqt g" cpf "vj g'O kf f ng'eqt g'cz gu'qh"vj g'wpkxgt ukv{ 0Vj g'o gcp"dcevtkcn'eqpvtqn'vj g'pqt vj "eqt g"uco r ngu'nekvkqp" y cu": 5047- 850 : "Uqwj "eqt g"j cf "vj g'o gcp"dcevtkcn'eqpvtqn'9; 072- 4905: "y j gt gcu"vj g'o kf f ng'eqt g" cpf "vj g'i gpgtcn'eqpvtqn'j cf "vj g'o gcp"eqpvtqn'99047- 730 9<sup>d</sup>cpf"; 3045- 702<sup>c</sup>t gur gevkgu{ 0Vj g'dcevtkcn' kuqrvgf" It qo " vj gug" wtkpg" r qmwgf" gpxktpo gpw" cpf " vj gk" r gtegpwi g" r t gxcngpeg" tcvgu" kpenw g=" Guej gt kej kc "eqk"6\*43026' + "Gpvt qdcevt"ur r "7\*48053' + "Mgdukgnr"ur r "5\*3709: ' + "Uer qpgrn"ur r " 6\*3; 09: ' + "Ucrj { neqeewu"ur r "5\*3709: ' +0Vj g'r tgf qo kpcpv'dcevtkcn'kuqrvgf"y gt g'Gpvt qdcevt"ur r" cpf "Guej gt kej kc "eqk"y j gt gcu"vj g'ngcu'kuqrvgf"dcevtkcn"y gt g'Mgdukgnr"ur r"cpf "Ucrj { neqeewu"ur r0' Uco r ngu'It qo "vj g'uqwj "eqt g'nekvkqp"qh"vj g'uej qqn"i gpgtcn'j cf "vj g'j ki j guv'dcevtkcn'kuqrvgu0Kp"vj ku" uwf { . "vj g'r wdrle"j gcnj "ko r nekvkpu"qh"kp'kuetko kpcvg"wtkpcvkp"kp"vj g'r wdrle"gpxktpo gpw"gur gekm{ " kp"vj g'wpkxgt ukv{ "gpxktpo gpv"qh" Lqugrj "Ucty wcp"Vctne" Wpkxgt ukv{ . "O cmwfk"j cxg"dgpp"gwefk cvgf 0K' j cu"cnq"dgpp"qdugt xgf"vj cv"qpg"qh"vj g'ngcf kpi "tcvkpcngu"dgj kpf "vj g"kp'kuetko kpcvg"wtkpcvkp"kp"vj g' gpxktpo gpw"eqwf "dg"cu"c't guwv'qh'qxgt ut gvej gf "hckkku0"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EMPOWERING YOUNG WOMEN FOR SUSTAINABLE DEVELOPMENT: OVERCOMING EDUCATIONAL AND ECONOMIC BARRIERS IN RURAL PAKISTAN

"  
*Abdul JALIL<sup>1</sup>*"

<sup>3</sup>©pkxgt ukf 'qhlRgij cy ct. 'Hcewnf 'qhl'Uqekcn'Uekpegu. 'F gr ctwo gpv'qhl'Uqekcn'Y qtm'Rgij cy ct. 'Rcnkucp0'

<sup>3</sup>QTEKF 'KF <j wru<1qtekf Qti 1222; /2223/3783/337Z"

*Saba SHAUKAT<sup>2</sup>*"

<sup>4</sup>©pkxgt ukf 'qhl'Ci t kewnwt g'Rgij cy ct. 'Hcewnf 'qhl'Uqekcn'Uekpegu. 'F gr ctwo gpv'qhl'Twtcn'F gxgrro gpv."

Rgij cy ct. 'Rcnkucp0'

<sup>4</sup>QTEKF 'KF <j wru<1qtekf Qti 1222; /222; /5754/4372"

*Bilal BAHADAR<sup>3</sup>*"

<sup>5</sup>©pkxgt ukf 'qhlRgij cy ct. 'Hcewnf 'qhl'Uqekcn'Uekpegu. 'F gr ctwo gpv'qhl'Uqekcn'Y qtm'Rgij cy ct. 'Rcnkucp0'

<sup>5</sup>QTEKF 'KF <j wru<1qtekf Qti 1222; /222; /; 546/74: 2"

"

#### ABSTRACT

[ qwpi "y qo gp"kp"twtcn'Rcnkucp"nceg"pwo gtqwu"dcctlgtu"vq"gf wecvkqp"cpf"geqpqo ke"lpf gr gpf gpeg." uki plkecpvn"j lpf gt lpi "vj gk"eqpvtkdwlkqpu"vq"uwucpkcdng"f gxgrro gpv'Vj ku"uwf {" lpxguki cvgu"vj g" ut wewtcn'cpf"ewwtcn'qduwergu"vj cv' rko k' {qwpi "y qo gpau"ceegu"vq"gf wecvkqp"cpf"go r nq{o gpv." hqewukpi "qp'ct gcu'uwej "cu'kpcf gs wevg'kplht cut wewt g.'tgut levxg'uqekcn'pqt o u."cpf "geqpqo ke"eqputckpu' Vj tqwi j "hgrf"uwtxg{u"cpf "kpvgtxky u."vj g"tgugctej "y kn'kf gpvkh{"hcevtu"eqpvtkdwlkpi "vq"vj gug'dcctlgtu" cpf"r tqr qug'kpvgtxgpv'kpu"vq'hquvgt"go r qy gto gpv."uwej "cu'unknif gxgrro gpv'r tqi tco u."r qre{"tghqt o u." cpf"eqo o wplk{/dcugf "kpklevxgu' Vj g" hpf lpi u"y kn'f go qpuctevg"j qy "ko r tqxkpi "gf wecvkqpcn'cpf" geqpqo ke"qr r qt wplkku'ht" {qwpi "y qo gp"ecp"ceegrgtcvg'uwucpkcdng"f gxgrro gpv'd {"gpj cpeki "i gpf gt" r ctkv{"cpf "geqpqo ke"i tqy vj 0'Vj ku'tgugctej "clo u"vq'kphwpeg'r qre {"f gxgrro gpv."r tqo qvpi "utcvgi lgu" vj cv'go r qy gt" {qwpi "y qo gp"cu'ci gpw'qhl'ej cpi g'lp'twtcn'Rcnkucp0'"

**Keywords:** [ qwpi "Y qo gp."Gf wecvkqp"Ceegu."Geqpqo ke"Go r qy gto gpv."Uwucpkcdng"F gxgrro gpv." Rcnkucp"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ISOLATION AND IDENTIFICATION OF THE AIR MYCOFLORA OF THE JOSEPH SARWUAN TARKA UNIVERSITY MAKURDI, MICROBIOLOGY LABORATORIES.

*Igene Moses Dennis*

*Dr Ubogu Monday*

*Lqugr j 'Ucty wcp'Vctnc'Wpkxgtukf. 'O cmwf k'Dgprwg'Ucvg. 'Pki gkco*

#### ABSTRACT

Ckt/dqtpg" Hwpi cil' eqpwo kpcvqp" kp" Ncdqtcvqtkgu" cpf" J qur kcnu" ku" dgeqo kpi " c" ugtkquw" r tqdrgo " y qtrf y kf g'cpf "vj g'Ej ctcevgtk cvkqp"qh'uwej "eqpwo kpcpw"qhgtu"j qr g'ht"tgevkpi "uqo g"J qur kcn'cpf " Ncdqtcvqt { "Ces wkt gf "kphgevkpu"\*NCK0Vj gtghqtg."vj gt g"ku"pggf "vq"fgvto kpg"vj g'hwpi crleqpwo kpcvqp" uqwtegu."kuqrv"cpf "kf gpvkh{ "vj g'eqpwo kpcpw"y j gp'r gthqto kpi "ucpf ctf "o letqdkqmi lecn'o cpr wrcvqpu" kp" vj g" O letqdkqmi { "ncdqtcvqtkgu" qh" Lqugr j " Ucty wcp" Vctnc" Wpkxgtukf. " O cmwf k0' Vj g" qr gp" r rcvg" vgej pls wg"y cu"go r m{ gf "y j kg"uco r rkp" "vj g'f kht gp'v'o letqdkqmi { "ncdqtcvqtkgu"qh" LQUVWO 0'Rqcvq" F gztqug" Ci ct " \*Rf C+ "uwr r rgo gpvgf "y kj "ej mtco r j gpkeq"vq"kpj kdk"vj g"i tqy vj "qh'dcevgtk "y cu" wugf " hqt "vj g"gpwo gtcvqp"qh'hwpi crleqpegpwcvkpu"kp"vj g'ncdqtcvqtkgu0C"vqcn'qh'gki j v\*: +hwpi cni' gpgtc"y kj " gki j v{/plpg": ; +eqmplegu"y gt g"kuqrv"cpf "kf gpvkhgf"y kj "xct { kpi "ht gswpekgu"qh" qeewt gpeg0' Vj g" hwpi cnikuqrv"u"kpewf gf =Cur gi kmu'pli gt \*; 074' + "Cur gi kmu'hc.xwu"\*3; 027' + "O weqt 'urr" \*3604; ' + " Pgw qur qtc" urr" \*608' + " Rgpkekukwo " urr" \*608' + " Tj k qru' urr" \*608' + " Egrj cnqur qtkwo " urr" \*; 074' + " Cngt pck " urr" \*3604; ' + " cpf " Ercf qur qtkwo " urr" \*3; 027' + (K' y cu" qdugt xgf " vj cv" Cur gi kmu" hc.xwu" cpf " Ercf qur qtkwo " urr" j cf " vj g" j k j guv" qeewt gpeg" ht gswpe { " y j gt gcu" vj g" rgcuv" qeewt gpeg" ht gswpe { " y cu" qdugt xgf " kp" Pgw qur qtc" urr. " Rgpkekukwo " urr" cpf " Tj k qru' urr. " qh" y j lej " vj ku" t guctej " hpf kpi " y kni' wko cvgn{ " cuukiv" r gt uqppgn' kp" vj g" ncdqtcvqtkgu" vq" dg" ect ghwi" y j gp" r gthqto kpi " ucpf ctf " o letqdkqmi lecn'o cpr wrcvqpu" y j kg" vj g' pwo dgt " cpf " eqo r qukvqp" qh' ncdqtcvqt { " ckt " hwpi k' eqwf " dg" wugf " vq" f gvgto kpg" vj g' f gi t gg" qh' ckt' s wcrk{ " cu' c' o gcpu" qh' f gvgto kkpki " egt vcp' ckt' o letqdkcrlphgevkpu" cu" uqwt eg" qh' j wo cp" f kueqo hqt v0'

**KEYWORDS:** "Ckt" O { eqhmtc. "ej ctcevgtk cvkqp. "kuqrv"gu "Rqcvq" F gztqug" Ci ct " \*Rf C+ " ckt" s wcrk{ "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TWENTY-FIRST CENTURY PROFESSIONAL CAPACITY TRAINING NEEDS FOR EFFECTIVE TEACHING AND LEARNING AMONG SCIENCE TEACHERS IN NIGER EAST SENATORIAL ZONE, NIGER STATE, NIGERIA

Gana, E, Yaki A. A, & Bello R. M0

*Pki gt "Ucvg"Vgcej gt "Rt qhguukqpcn" F gxrqr o gpv'Kpukwag"O kppc. "Pki gt "Ucvg" "Uekgpeg" Gf wecvkqp" F gr ctwo gpv. "Hgf gt cn" Wplxgt ukv' qh"Vgej pqmji { "O kppc. "Pki gt "Ucvg"*

#### ABSTRACT

Vj g" 43uv/egpwt { " gf wecvkqpcn" rpf uecr g" ku" uj cr gf " d { " tcr kf " vgej pqmji kecn' cf xcego gpv. " gxqrkpi " r gf ci qi kecn' vj gqtkgu. " cpf " c " i tqy kpi " go r j cuku" qp" 43uv/egpwt { " unkm0' Vj ku" uwf { " kpxgumi cvgu" vj g" r tqhguukqpcn' ecr cekv' " vtclpki " pggf u" qh" uelgpeg" vgej gt u" kp" P ki gt " Gcu" Ugpcvtkcn' \ qpg. " P ki gt " Ucvg. " P ki gt k. " v' gpj cpeg" ghgevkxg" vgej kpi " cpf " hgctplki 0C' f guetkr vlxg' lwt xg' 'tugctej ' f guki p' y cu' go r m { gf . " y kj " c" uco r m' qh" 362" uelgpeg" vgej gt u" \*72" hgo crg. ", 2" o crg+ tcpf qo n' " ugrgevgf " hqo " hqecni' uej qqm0' Vj g" uwf { " wtkk gf " c" 43/kggo " s wguvkppck g" vknf " Vy gpv' / Hkt u' Egpwt { " Uekgpeg" Vgcej gt u' Rt qhguukqpcn' Ecr cekv' " Vtclpki " Pggf u' S wguvkppck g" VEUVREVP +0Xcikf cvkq" y cu' eqpf wevgf " d { " gzi gt u' hqo " vj g" Hgf gt cn' Wplxgt ukv' " qh" Vgej pqmji { . " O kppc. " cpf " vj g" P ki gt " Ucvg" Vgcej gt " Rt qhguukqpcn' F gxrqr o gpv' Kpukwag0' Vj g" kput wo gpv' f go qput cvgf " utqpi " tgricdkkv' " y kj " c" Etqpdcej " Ctr j c" eqghlekgp' qh" 20 60' F guetkr vlxg' uvcvku. " kpenf kpi " o gcp" cpf " uvcf ctf " f gxlcvkp. " y gt g' wugf " v' cpcn' | g" vj g' f cvc0' Hkp kpi u" t g x g c n f " vj cv' uelgpeg" vgej gt u" kp" vj g" P ki gt " Gcu" Ugpcvtkcn' \ qpg" tgs vkt g" vtclpki " kp" r gf ci qi { " cpf " ercuutqqo " o cpci go gpv' v' ko r tqxg" vgej kpi " ghgevkxgpv" Vj g" uwf { " tgeqo o gpv' u" vj cv' ugeqpf ct { " uej qqm" uj qwf " ko r rgo gpv' r tqhguukqpcn' f gxrqr o gpv' r tqi tco u' eqo dlpki " 43uv/egpwt { " r gf ci qi kecn' unkm" cpf " ercuutqqo " o cpci go gpv' uvcvki kgu0' Vj g' r tqi tco u' luj qwf " go r j cuk' g' vj g' eqppgevkp" dgy ggp" ghgevkxg" vgej kpi " r tcevegu" cpf " hquvgt kpi " c" r tqf wevkxg" ercuutqqo " gpv' ktpo gpv' "

**Keywords:** Uelgpeg" Vgcej gt u. " Gf wecvkqpcn' rpf uecr g. " vgej pqmji kecn' cf xcego gpv. " r gf ci qi kecn' vj gqtkgu'



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### STUDENT NURSES' ATTITUDES TOWARD ENGLISH LANGUAGE AS A MANDATORY COURSE IN OGUN STATE (NIGERIA) NURSING INSTITUTIONS

*Adesanmi Moses Ademola*

*Fgrctwo gpv'qhlI gpgt cn'Uwf kgu.'Hgf gt cn'Rqr'vgej pke.'Kctq.'Qi wp'Ucyg.'Pki gtlc "*

"

#### ABSTRACT

Vj ku'r cr gt 'lpxguki cygu'uwf gpv'pwtugu)'cwkwf gu'vqy ctf 'o cpf cvqt { 'Gpi nkuj 'rcpi wci g'eqwtugu'kp'P ki gtlc." Qi wp'Ucyg'pwtukpi "kpu'kwkqpu0'Y kj "vj g'Gpi nkuj u'tqrg'kp"ghhgevkxg"eqo o wplecvkp."r cvkpv'ectg."cpf " r tqhguukqpcn'cf xcpego gpv'kp"j gcnj ectg."gzz rqt kpi "cpf "wpf gtucpf kpi "uwf gpwø'r gtur gevkgu"qp"vj g' uki plhlecpeg" qh'Gpi nkuj "rcpi wci g" r tqhlegpe { "ecp" gpj cpeg" ewttlewno " tgrgxcpeg" cpf " gpi ci go gpv' I wkf gf "d { "I ctf pgt'au'Uqekq/Gf wecvkqpcn'O qf gn"y j kej "gzco kpgu"o qvxcvkqp"cpf "cwkwf gu'kp'rcpi wci g' ces wklkqp" \*I ctf pgt."4232+."vj ku'tgugctej "wklk gu" c" f guetkr vkxg" uwtxg { " f guki p0' Vj tqwi j " ut wewt gf " swguvkppckt gu"cpf "hqewu"i tqwr "f kuewuukqpu."f cv"y gt g'eqmgevgf "It qo "c" ut cvk' hgf "uco r ng' qh'pwtukpi " uwf gpw.'cpf "cpcn { | gf "wukpi "f guetkr vkxg"cpf "vj go cve"o gvj qf u0' hkp kpi u'lj qy "vj cv'cwkwf gu'tcpi g'lt qo " tgeqi pl kpi "Gpi nkuj au'r tqhguukqpcn'wklk { "v'xkgy kpi "k'cu'cp'gze guukxg'cecf go ke'dwtf gp0Mg { 'kphwvgegu" qp"vj gug'cwkwf gu'kpenf g'r gteglxgf "eqwtug'tgrgxcpeg."f khllewn { "ngxgn"cpf "cxckcdng'rcpi wci g' uwr r qt v0' Rqukxg'r gtegr vkqpu'crki p"y kj "kpet gcugf "eqwtug" gpi ci go gpv."y j kg" pgi cvkxg" cwkwf gu"ctg" rkpngf "vq" f kugpi ci go gpv' Vj ku'r cr gt "uwo ku"vj cv" c"o qtg" r tcevecn "eqpvzvf tkxgp" Gpi nkuj "ewttlewno "eqwf " ko r tqxg" uwf gpwø' o qvxcvkqp" cpf " cnuq" gpj cpeg" rgtplpi " qweqo gu' Tgeqo o gpf cvkqpu" kpenf g' ewttlewno "cf lwuwo gpw."uwr r qt vkxg"rcpi wci g'kpkkc vkxgu."cpf "hwt vj gt "tugctej "kpq"crki plpi "rcpi wci g' gf wecvkq"y kj "j gcnj ectg'pggf u0'

**Keywords** < Gpi nkuj "rcpi wci g" r tqhlegpe { ."pwtukpi " gf wecvkq." uwf gpv' cwkwf gu." o cpf cvqt { "eqwtugu." Qi wp'Ucyg."I ctf pgt'au'Uqekq/Gf wecvkqpcn'O qf gr0'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THERMAL FLOW BEHAVIOR OF WATER-BASED HYBRID NANOFLUIDS INCORPORATING MAGNETIC AND NON-MAGNETIC NANOPARTICLES

Misbah Fareed<sup>1\*</sup>, Dr. Abid Hussanan<sup>1</sup>

<sup>3</sup>Fgrctwo gpv'qhl'0 cyj go cvkeu 'Fkxkukap'qhl'Uekgpeg'cpf 'Vgej pqrqi {.'Wpkxgtukv'qhl'Gf wecvkap.'Ncj qt g.' 76222.'Rcnkncp''

"

#### ABSTRACT

Vj ku'r cr gt'r t gupvu'vj g'eqvtkdwkqpu'qh'j { dtkf "pcpqhmkf" qxgt "c" ut gvej lpi "uj gg'lp"vj g'r t guppeg'qh' xkueqwu'f kuuk cvkq0'E qpegkxg"vj cv'vj g'EwóHgsQ6"y cvgt"j { dtkf "pcpqhmkf" ku" c" P gy vqpkcp" hmkf "y kj " eqpuvcpv'vj gto cñ'eqpf wevkvk' { 'cpf "xkuequkv'0'Vj g'cr r tqr tlcvg'uko kctkv' "vcpuhqt o cvkqpu'ctg'cr r rkgf "vq" tgf weg'vj g'r ctvkn'f khtgtpvkn'gs wevkvk' "kvq"vj g'u{ uvgó "qh'vj g'pqrkpgct" qtf kpcet { "f khtgtpvkn'gs wevkvk'." y j lej "ku" uqrxgf "pwo gtkecm'0'Vj g'Twpi g/MwccóHgj ndgti "o gyj qf "ku" wugf "vq" qdvckp"vj g'pwo gtkecn' uqrvkqpu" hqt "xgrqekv' { "cpf "vgo r gtcwtg" hgrf u0'Vj g'r gthqto cpeg"qh'y gmónpqy p" r etco gygtu"ci ckpuv' xgrqekv' { "cpf "vgo r gtcwtg" hgrf "j cu'dggp"xkuwck' gf "i tcr j kecm'0'Vj g'vgo r gtcwtg'f kutkdwkqpu'f gerctgf " ngy "r gthqto cpeg" hqt "kpetgcukpi "vj g'xcnwg'qh'vj g'Gengt'pwo dgt0'Vj g'vgo r gtcwtg' hgrf "kpetgcugu'y kj " kpetgcukpi "xcnwg'qh'o ci pgvke" hgrf "cpf "tcf kvkq" r etco gygtu0'Vj g'qdvckpgf "t guwmu'f go qputcvgf "vj g' ghgevkxg'cr r rkecvkq'qh'j { dtkf "pcpqhmkf u0'"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### RESEARCH OF THE STRENGTH OF HEAVY CONCRETE

*Researcher, Bektosh Botirov*

*Vciy ngpv'Wpkxgt ukx' qh' Ctej kgewwt g'c'pf 'Eqpwt wevkqp"*

*Ph.D., associate professor, Berdiyev Oblokul Bobokulovich*

*Lk' | cnj "Rqrf vgej pke" k'pukwng"*

#### ABSTRACT

Kp"vj g'ct veng. "vj g't guwuu'qh'vj g'cwj qtu'qp"vj g'ut gpi vj "qh'eqpet gvg. "y j lej "ku'eqpukf gt gf "c"ucpf ctf. "ctg" cpcn' | gf "kp'qtf gt "vq'eqo r ctg'y kj "vj g'ej ctcevgt k'ueu'qh'D52"eruu'eqpet gvg. "y j lej "ku'qdvckpgf "dcugf "qp" vj g'wug'qh'ej go lecn'cf f k'kxgu'r tqf wegf "kp"W dgnkucp"kp"vj g'eqpwt wevkqp"qh'dwkr kpi u'c'pf "ut wewt gu0

**Key words:** eqpet gvg. 'etwuj gf 'uqpg. 'dlpf gt. 'hngt. 'Rqt uc'pf 'ego gpv. 'hqt o 0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DEATH AND POP CULTURE: MODERN INNOVATIONS IN BODY DISPOSAL AND THEIR CULTURAL IMPACT

Dr. Cristina Botîlcă

*Kîf gr gpf gpv't gugct ej gt. 'Dwej ct guw.'Tqo cplc''*

#### ABSTRACT

Vj g'r cr gt 'y krl'cmqy "cp"cti wo gpv'cdqw'vj g'ej cpi kpi "rpf uecr g'qh'dqf { "f kur qucr'no gj qf u"lp"Y guvtp" uqelgv' 'y kj 'vj g'kvtqf wevkp"cpf "ceegr vpeg'qh'y cvgt "etgo cvkqp"cpf "dqf { "tgeqo r qukkqp0Hkt uv.'k'hqmu" kpv'tcf kkpncr' tcevegu'qh'dwtkrl'cpf "etgo cvkqp'y kj "tgi ctf "v'vj g'ghge'vj g'j "cxg'qp'vj g'gpxk'qpo gpv' cpf "vj g'ewmtg0Vj g'r cr gt 'vj gp'qwkpgu'vj g'ut wewtg'qh'vj g'uwwf { . 'y j lej 'kpenf gu'cpcn'uku'qh'vj g'tgcuqpu" wpf gtn' kpi "pgy "dqf { "f kur qucr'no gj qf u"cpf "u{pvj guku'qh'vj g'tgur qpugu"ltqo "Y guvtp"Gwtqr g'cpf "vj g' WUC0K'cnuq'r wu'kpv'hqewu'uqo g'kpxguki cvkqpu'tgi ctf kpi 'vj g'ej cpi gcdng'y c{u'lp'y j lej 'f gcvj 'j cu'dggp" r gtekgf "f wt kpi 'vj g'ruv'hgy "f gecf gu'qh'vj g'r cuw."wfp gteqt kpi "cp"kpkk'vkg'vj cv'ku'tgegpv'vj g'f gcvj / r qukkkv' "o qxgo gpv'0Cwgpv'kq'ku'hkpcn' "wt pgf "v'ku'ko r cev'qp'r qr wct "ewmtg"cpf "ku'tqng'kp"tclukpi " cy ctgpgu'cdqw'i tggp'dwtkrl'Rqr wct "ewmtg'lp'vj g'vy gpv' / hkt uv'egpwt { "cnuq'tgo ckpu'c'f kweuukqp'vqr le" kp'vj g'uwwf { . "ur gekh'ecm' "tgr tguv'kpi "xcnwgu'vj cv'ej ctcevt k' g'eqvgo r qtct { "uqelgv' . "geqqo le"t gpf u." cpf "kf gpv'k' "eqput wevkp'0Vj g'r cr gt "f tcy u"qp" c"tcpi g'qh'vj gqtg'kcn'ltco gy qtmu. "ltqo "vj g'ewmtcn' uwwf kgu'cr r tqcej "v'vj cv'qh'vj g'ewmtg'lpf wut { . "hqt "g'zr r'k'kpi "vj gug'r j gpqo gpc0K'p'ggf . 'vj gug'go gti kpi " vt gpf u"cpf "ewmtcn'uj khu'eqwf "dg'uggp"v'j "cxg'c"uki pkk'ecpv'dgct kpi "qp"eqvgo r qtct { "cvkwf gu'vqy ctf " f gcvj "cpf "dqf { "f kur qucr'no"

**Keywords:** "f gcvj "r qukkkv' =cs wco cvkqp="tgeqo r qukkqp="f gcvj "ceegr vpeg="f gcvj "r j qdtk0"

#### Works Cited

Cf qtpq. "Vj gqf qt "Y 0cpf "O cz "J qtnj glo gt 0F kcrgeve'qh'Grki j vgo gpv'0P gy "[ qtm'J gtf gt "cpf "J gtf gt." 3; 660'

F qwi j v' . "Eck'kp0Ht qo "J gt g'v'Gvgt p'k' <Vt cxgn'kpi "vj g'Y qtrf "v'Hkpf "vj g'I qqf "F gcvj 0P gy "[ qtm' Y 0Y 0P qt vq'p' ("Eqo r cp { . "42390'

ô 0'Ub qng'I gu'lp' [ qwt "G'gu'<Cpf "Qvj gt "Nguuqpu'lt qo "vj g'Et go cvqt { 0P gy "[ qtm'Y 0Y 0P qt vq'p' ("Eqo r cp { . "42360'

I cy cpf g. "Cw'0Dgkpi "O qt vcl'cpf "Y j cv'0 cwtu'lp'vj g'Gpf 00 g'qr q'k'cp "Dqqmu. "42360'

J cm "Uwct'0Ewmt g. "O gf kc. "Nepi wei g'<Y qtn'kpi "Rcr gt u'lp' "Ewmt cn'Uwf kgu. "3; 94/9; 0Nqpf qp' "Tqwrfg i g. "3; : 20'

J cttku. "O ctn'0I t'cxg'0 cwtu'<C' "Lqwt pgf "Vj tqwi j "vj g'O qf gtp' "Hwpgt cn'k'p' wut { "v'c' "Pcwt cn'Y c' { "qh' "Dwt krl'0P gy "[ qtm'Uet kdpgt. "42340'

J qh'p'gt. "Cp'0Vj g' "Pcwt cn' "Dwt krl' "Ego gvt { "I w'f g'<C' "Ucvg/d' / "Ucvg' "I w'f g'0I tggp' "Dwt krl' "Eqwpekn" 423: 0'

Ncf gto cp. "I ct { 0T gu'lp' "Rgceg'<C' "Ewmt cn' "J k'v' { "qh' "F gcvj "cpf "vj g' "Hwpgt cn' "J qo g'lp' "Vy g'pv'k'vj "Egpwt { "Co g'k'ec 0P gy "[ qtm' "Qzh'q'f "W'p'k'g'uk' { "Rt guu. "42250'

O k'ht'f. "Igu'lec'0Vj g' "Co g'k'ecp' "Y c' { "qh' "F gcvj "Tg'x'k'kgf 0P gy "[ qtm' "C'ht'gf "C0M'p'qr h' "3; ; : 0'

Rcwn' "Mct'0'0' "Ht qo "E' tcf rg'v' "Eqo r quv'<Vj g' "F kut wr vqtu' "Y j q' "Y cp'v'v' "O cng' "F gcvj "I tggp'gt 0' "Vj g' "I w' t'f k'cp' "3; "Hgd'0'42450' > j wr u'ly y y 0j gi wct'f k'p'0'eqo luqelgv' { 4245' hgd'13; lj wo cp' / eqo r qukpi / k'p' wut { / f gcvj ectg@'

Ry E0G'p'v'g'v'k'p'o g'pv'cpf "O gf kc' "Qw'w'q'q'4243/4247042430' > j wr u'ly y y 0' y e'0'eqo @'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Uej kncg."Dtcpf {0F gcvj }u'Uwo o gt'Egc v'Y j cv'vj g'J kncg { "qh'F gcvj "cpf 'F {kpi 'Vgcej gu'Wu'Cdqw' Nkg'cpf 'Nkxkpi 0P gy "[ qtm'Rgi cuwu'Dqqnu."42390'

Y cuj kpi vqp'Ucwg'Ngi kurwt g0J D'3389'/"Eqpegtkpi "J wo cp'Tgo ckpu0423; 0' >j wr u4ly y y 0gi 0y c0 qx@'

[ qwpi ."I tgi qt {"Y 0Vj g'J ki j 'Eqw'qh'F {kpi <J qy 'Eqpuwo gt u'Ct g'Uy kpf rnf "d{ "vj g'Hwpgt cn'Kpf wmt {" cpf 'Y j cv'[ qw'Ecp'F q'Cdqw'K0Rtqo gj gwu'Dqqnu."3; ; 5"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE INFLUENCE OF SOCIAL NETWORKS DIRECTED TO THE PROMOTION OF TRAFFIC SAFETY IN TRANSITION ECONOMICS

*Tamara Dragić*

*O gi cvt gpf "Wpkxgt ulx" "Hcewn" "qhl'ewmwt g" cpf "o gf kc"*

*Dwrgxct "O kj clrc "Rwr kpc "339. "33292 "Pqxk "Dgqi tcf. "Ugt dlc"*

"

#### ABSTRACT

Vj g"lphwpgpeg"qh"uqekri'pgvy qtmu"clo gf "cv"vj g"r tqo qvkap"qh"vtchle"uchgv"lp"vtcpukqpp"geqpqo lgu"ku" kpet gculpi n"eqo kpi "vq"vj g"ht g0k"ku"uggp"cu"uqekri'r j gpqo gpqp."cu"uqekri'cevxlk"clo gf "cv'tckulpi " cy ct gpguu"cpf"vj g"ko r qt vpeg"qh'et gcvlpi "uchg"eqpf kkpqu"ht "vtchle"lp"ceqwpvt {"y j lej "ku"qh'r ct lewrt " ko r qt vpeg"ht "vtcpukqppcn"geqpqo lgu"rkn"vj g"Tr wdrl"qh"Ugt dlc0"Uqekri'pgvy qtmu"ecp"ko r tqxg"vj " ko r cev"qp"vj g"r tqo qvkap"qh"vtchle"uchgv"lp"uo cm"eqwpvt lgu."uwej "cu"vj g"Tr wdrl"qh"Ugt dlc0"Vj gk" lphwpgpeg"ecp"dg"xt {"ut qpi ."cpf"uwej "cevxlkku"uj qwf "ht uv"qh"cm'dg"uggp"d {"y j g"ucv"cu"ceqvpwqwu" cevxlk"ht"cm"geqpqo le"cevxlkku."cpf"vj gt ght g"cnq"ht "vtchle"cu"cp"geqpqo le"cevxlk"0"Vtcur qt v"cu" cp"geqpqo le"cevxlk"uj qwf "dg"ecttkgf "qwl"lp"ce"uchg"cpf"ugewt g"o cpgt."y kj "vj g"r tqo qvkap"qh"uchgv" vj tqwi j "c"rti g"pwo dgt"qh'o gf k0"Uqekri'pgvy qtmu"ctg"kpet gculpi n" dgeqo kpi "r tqo qvgtu"qh"uchg"cpf" ugewt g"vtchle."cpf"y j g"ugg"uwej "cevxlkku"ht uv"qh"cm"cu"ceqvpwqwu"cevxlk".geqpqo kcm"xlgy gf "cu" wghm'uqekri'cevxlk"qh'r tqo qvki "vj g"uchgv"qh"vtcur qt vkap"qh'r gqr ng"cpf"vj kpi u."y j gt g"cv"vj g"uco g" vko g"uqekri'pgvy qtmu"gpdcrg"vj g"t gf vevkap"qh"wppgeguct {"equu"lp"geqpqo lgu."eqvtdwg"vq"vj g"tcvkapcn" wug"qh'o gcpu"qh"vtcur qt v".t gf weg"vj g"t gcvo gpv"qh'r ct vkr cpw"lp"vtchle"ceekf gpw."r tqo qvg"cdvkappeg" ht qo "creqj qn"vug"cpf"qvj gt "cevxlkku"vj cv'tg"xt {"gcuk"o gcuwtdrg0k"vj ku"y c {"uqekri'hwtkm gpv"ku" tgerk gf "lp"vj g"hwpevkap"qh'r tqxk kpi "uqekri'r rppgf "cevxlkku0"

**Keywords:** "uqekri'pgvy qtmu."dwulpguu."vtchle"uchgv"0"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE SIGNIFICANCE OF SOCIAL RESPONSIBILITY WITHIN NEWLY EMERGED SOCIAL NETWORKS VIEWED THROUGH TRAFFIC SAFETY

*Tamara Dragić*

*O gi cvt gpf 'Wpkxgt ukv' 'Hcewnv' 'qhl'ewmw' g'cpf 'o gf kc. 'Dwrgxct 'O kj clrc 'Rwr kpc '339. '33292 'P qxk' Dgqi t cf. 'Ugt dkc'*

#### ABSTRACT

Uqelcn'pgvy qtmu. 'It qo 'vj g'o qo gpv'qh'vj gk 'et gcvkqp. 'j cxg'c 'rtci g'co qwpv'qh'uqelcn'it gur qpukdkkv' 'hqt 'cm' uqelcn'cevkxkkgu'qh'c' 'uqelgv' 0"

Vj cv' kphwpeg' ecp' dg' tghgevgf "kp" vj g' dwukpguu' qh' t gur qpukdrg' cpf " guugpvkcn' cevkxkkgu. " vj cv' ku. " vj g' kphwpeg' qp' vj g' r tqr ci cvkqp' qh' v'chle' uchgv' 'uj qwf "dg' uggp' cu' c' uctvki " r qkp' hqt " o cp { "v' r gu' qh' dwukpguu. " y j lej "ko r n' 'uqelcm' 't gur qpukdrg' dwukpguu0"

Kp' vj gug' eqpf kkpqu. " vj gt g' ku' cnuq' vj g' r tqr ci cvkqp' qh' uqelcn'xcnwg. " vj g' uchgv' "qh' egt v'kp' cevkxkkgu. " vj g' uchgv' "qh' r wdile" j gcnj "cpf "vj g' uchgv' "qh' v'chle" cu' cp' cevkxkv' "vj cv' eqppgevu' vj g' r tqf wegt/eqpuwo gt "kp' gxgt { "geqpqo { 0"

Uqelcm' 't gur qpukdrg' dwukpguu' vj qwf "dg' xkgy gf "kp' vj ku' y c { . "gur gekm' "ukpeg' cdqw"; 2' "qh' eqo r cplgu' vj cv' qr g' cvg' qprkpg' j cxg' ugxg' cr' ej cpgnu' qh' eqo o wplecvkqp' qp' uqelcn'pgvy qtmu' Kp' vj ku' y c { . "vj tqwi j " uqelcm' 't gur qpukdrg' dgj cxkqt. "v'chle" cevkxkv' "ecp" ko r n' "vj cv' v'chle" uchgv' "ecp' dg' ko r tqxgf "vj tqwi j " r tqr ci cpf c' cevkxkkgu0"

Vj g' ej ctcevg' kule' qh' uvej "cevkxkkgu' ku' vj cv' vj g' { "ct g' uqelcm' 't gur qpukdrg' cpf "ecp' dg' cko gf "cv' kpet gcukpi " v'chle' uchgv' "kp' c' eqwpt { 0"

**Keywords:** 'uqelcn'pgvy qtmu. 'dwukpguu. 'v'chle' uchgv' 0'

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III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH  
CONFERENCE

THE INFLUENCE OF SIGNIFICANT SUBJECTS ON THE ISSUE OF DIGITALIZATION  
AND THE INTRODUCTION OF DIGITAL PLATFORMS IN THEIR BUSINESS

Zimonjić Marijana

*O gi cvt gpf "Wpkxgt ukł" 33292 "P gy "Dgri t cf g. ""  
Dwřxct "O kj clrw "Rwr kpc "339. "Tgr wdrke "qhUgt dlc"*

ABSTRACT

Vj g'kphwpeg'qh'uki phkecpv'gpvkku'qp'vj g'kuuwg'qh'f ki kkl cvkqp'cpf "vj g'kvtqf wekqp'qh'f ki kcnr rvhqt o u"  
kp'vj gkt "qr gtcvkpu'uj qwf "dg"uggp"cu"ceqpvkpwqu'r tqeguO'kp"uwej "c"dwukpguu'qh'rcti g'gpvkku'y j gt g"  
vj g{"j cxg'qti cpk gf "vj gkt "dwukpguu'ctqwpf "f ki kcnr rvhqt o u'cpf "ctg'f gxgnr kpi "vj gkt "dwukpguu'kp"uwej "c"  
y c{" "vj cv'vj gkt "kphwpeg"qp'vj g'kvtgpgv'ku"eqpvkpwquwł "kpet gcukpi "y kj "kpet gcukpi "ko r qtvpep"cpf "  
kpet gcukpi "o ctngv'uj ctg'hqt'vj g'vqcnldwukpguuO'Uwej "cevxkku'ctg'cko gf "cv'tcukpi "c"uweguuhwł'dwukpguu"  
kp'vj g'cto ctngw'qh'c'rci g'pwo dgt "qh'eqwptkku'j kf f gp'kp'f ki kcnr rvhqt o uO'Egtvknł. "dwukpguu'xky gf "kp"  
vj ku'y c{" "j cu"vq"fq"y kj "vj g'dwukpguu'qh'r ctvewctnł "kphwpgvkn'eqo r cpku'vj cv'utkxg'hqt "ceegntcvgf "  
f gxgnr o gpv'qp'vj g'hqtgki p'o ctngv'cu'c'hqewu'qh'cevkqp."cu'y gni'cu'vj qug'rci g'eqo r cpku'vj cv'ctg'cko gf "  
cv'c"ur gekn'i tqw "qh'r gqr nğ"\*cti gv'ecvgi qt {"+lp"qtf gt "vq"rtqo qvg"r nęgo gpv'cpf. "kp"cy qtf. "uqekn'  
kphwpegO'Y j gvj gt "vj g'ku'c'f ki kcnr rvhqt o "hqt "c'egtckp"geqpqo le'cevxkkl "ku'cp"guugpvkn's wguvkp. "vj g"  
cpuy gtu'vq"y j lej "ctg'r tko ctknł "i kxgp"d {"geqpqo le'cevquO'P co gnł. "kphwpegu'cpf "gxcnvcvkpu'uwej "cu"  
vj g'vq "o cpci gtu'qh'vj g'eqo r cpku'y j q'rcf "vj go "kp"c"dwukpguu'ugpug. "vj g'kphwpeg'qh'ucv'cwj qt kku." "  
vj g'kphwpeg'qh'eqvtn'cwj qt kku." gveO'ecp'dg'qdugtxgf O

**Keywords:** "f ki kkl cvkqp."eqo r cp {"qr gtcvkpu."geqpqo {" "f ki kcnr rvhqt o O'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### USE OF DIGITAL PLATFORM IN THE BUSINESS OF HETEROGENEOUS LEGAL ENTITIES BEFORE ALL BIG COMPANIES

*Zimonjić Marijana*

*O gi cvt gpf "Wpkxgt ukł" 33292 "P gy "Dgn i t cf g. ""  
Dwrgxct "O kj clrc "Rwr kpc "339. "Tgr wdrke "qh Ugt dlc "*

#### ABSTRACT "

Vj g'wug'qh'c'f ki kcnr r'vhtqo "lp"vj g'dwukpguu"qh"j gvtqi gpgqwa"rgi cni'gpvklku."cdqxg'cmi'rti g'eqo r cplgu." ku"qh"i tgcv"ko r qt vpeg"eqpukf gt kpi "vj g"qxgtcm" f gvtgo kpevkp"qh"vqr "o cpci go gpv"tgrvqf "vq"o ctngv" r gthqto cpeg0"

F ki kcnr r'vhtqo u'ctg"o qt g'uki phtecpv"htqo "vj g"cur gev"qh"dtkpi kpi "kppqxcvkxg"uqrvkqpu"lp"tgrvqf"vq" o ctngv"r gthqto cpeg"d {"pwo gtqwu."r tko ctkk" "rti g"eqo r cplgu"Vj g{"ctg"dgeqo kpi "o qtg"cpf" "o qtg" r t gupv"cpf "pgeguuct {"lp"vj g"f ckn" "r tqo qvkp"qh"y qtm'cpf "dwukpguu."gur gekcm {"qh"rti g"eqo r cplgu"kp" pwo gtqwu"eqwpt kgu0"

Vj ku"ku"qh'r ct vkwrt"ko r qt vpeg"ht "vj g'dwukpguu"qh"vcpukq"geqpqo kgu"cpf "eqwpt kgu"vj cv'cur ktg"vq"lqkp" pwo gtqwu"kpvgi tvkqpu0"

Vj g'dtqcf guv'dwukpguu"tgs vkt gu"rti g"eqo r cplgu"cu"y gmi"cu"qvj gt"eqo r cplgu"vq"r t gupv"vj gk"qxgtcm" dwukpguu"vq"vj g"i gpgtcnr wdrke0"Qpg"y c {"qh'r t gupv"vq"ku"vq"r t gupv"vj g"qxgtcm"y qtm'qt "r ctv"qh"vj g" dwukpguu"vj tqwi j "vj g'wug'qh'c'f ki kcnr r'vhtqo "qp"e"egt vckp"ukg0"

F ki kcnr r'vhtqo u"j cxg"dgeqo g"cp"kpugr ctcdrg"cpf "pgeguuct {"r ctv"qh"gxgt {"geqpqo ke"cevkkk {. "y j lej "ku" c"i mdcn'v gpf "lp"vj g'dwukpguu"qh"egt vckp"rgi cni'gpvklku"dqvj "lp"vj g"eqwpt {"cpf "cdtqcf 0"lp"vj ku"y c {. "qxgtcm" eqo o wplevkp"ku" utgpi vj gpgf "lp"vj g"tgrvqfuj kr "dgy ggp"vj g"rgi cni'gpvkl "qp"vj g"qpg"j cpf "cpf" pwo gtqwu"r qvkvkn'wugtu."kq0"eqpuwo gtu."kq0"dw'gtu"qp"vj g"qvj gt"j cpf 0'

**Keywords:** "f ki kkn'cvkq."eqo r cp {"qr gtcvkpu."geqpqo {" "f ki kcnr r'vhtqo 0'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### INVESTIGATING THE INFLUENCE OF ENVIRONMENTAL CONSCIOUSNESS AND THEORY OF PLANNED BEHAVIOUR ON CONSUMER PURCHASE BEHAVIOUR IN CONTEXT OF GREEN COSMETICS

<sup>1</sup>Dr. Afsa PARVEEN

S wcpwwo "Wpkxgt ukf. "Tqqtngg. "Kpf kc"

<sup>2</sup>Dr. Kamaljit SINGH

UTO "Wpkxgt ukf. "J ct{cpc. "Kpf kc"

<sup>3</sup>Dr. Jasvinder KAUR

Kpf gr gpf gpvTgugtcej gt "Kpf kc +"

"

#### ABSTRACT

Vj g'qxgt wug'qh'gpxktqpo gpvcn'tguqwtegu'ku'ecwukpi 'vj g'gctvj u'erko cvg'vq'f gvgtkqtcvg0K/ku'ko r gtcvkg'vj cv' vq'bo cng'vj g'y qtrf "o qt g'uwxckpcdng'uwxckdng'geq/ltkqpf n' 'r tcevegu'uj qwf "dg'ko r ngo gpvgf 0Vj g'r tko ct { " i qcn'qh'ewtt gpv'tgugctej "ku'vq'gzco kpg'vj g'kphwpgpeg'qh'vj gqt { "qh'r rppgf "dgj cxkqwt "cpf "gpxktqpo gpvcn' eqpuekqwupguu" qp" i tggp" equo gvku" r wtej cug" dgj cxkqwt0' Kpkckm{." vj g' ghgev" qh" gpxktqpo gpvcn' eqpuekqwupguu." r gtegxgf "dgj cxkqwtcneqptqn'uwdlgevkg'pqt o ."cpf "i tggp"r wtej cug'cvkwf g'qp"r wtej cug" kpvqkqp"ku"kpvguki cvgf 0'P gzv."vj g'ko r cev'qh'r wtej cug"kpvgkqp"cpf "gpxktqpo gpvcn'eqpuekqwupguu"ku' gzco kpgf "qp"r wtej cug"dgj cxkqwt0' Cf f kkpccm{." vj g'tqrg"qh'r wtej cug"kpvgkqp"cu"o gf kcvqt "ku'cnuq" ej gengf "dgvy ggp" gpxktqpo gpvcn'eqpuekqwupguu"cpf "r wtej cug"dgj cxkqwt0'Ncum{." vj g'ko r cev'qh'eqptqn' xctkcdngu'pco gn' "i gpf gt "cpf "ci g'j cu'dggp"kpvguki cvgf "qp"r wtej cug"dgj cxkqwt0'RNU/UGO "y cu'wugf "vq" cpcn' ug" vj g'f cvc." y j lej "y cu'eqmgvgf "Itqo "Wwctcnj cpf "ucvg"qh' Kpf kc0'Vj g'kpf kpi u" kpf kcvgf "vj cv' r wtej cug" kpvgkqp" ku" uki pkkcpv{ " kphwpgpegf " d{ " cvkwf gu" vqy ctf" r wtej cugu" cpf " gpxktqpo gpvcn' cy ct gpguu0'Rgtegxgf " dgj cxkqwtcneqptqn'cpf "uwdlgevkg'pqt o " j cf "pq"uki pkkcpv'ghgev"qp"r wtej cug" kpvgkqp0'Rwtej cug"kpvgkqp"j cu" c'hcqxwtcdng"ko r cev'qp"r wtej cug"dgj cxkqwt0'Vj gt ghqt g. "k'ecp"dg"dg" eqpenf gf " vj cv' o ctngvtu" uj qwf "eqpegpvcvg" qp" uqo g' utcvgi kgu" y j lej "ecp" ej cpi g" vj g' ej cpi kpi " eqpuwo gtu'r gtegr vkpu"vqy ctf u"i tggp"equo gvku0'T guwmu"cnq" kpf kcvgf "vj cv'eqpuwo gtu"y j q"ctg"o qtg" gpxktqpo gpvcn' " eqpuekqu" o c{ " dg" o qtg" kperkpgf " vq" r wtej cug" geq/ltkqpf n' " equo gvku" dgecvug" gpxktqpo gpvcn' eqpuekqwupguu" j cu" hqwpf " vq" j cxg" c" hcqxwtcdng" ko r cev' qp" r wtej cug" kpvgkqp" cpf " dgj cxkqwt0'Rwtej cug"dgj cxkqwt "j cu'dggp" hqwpf "vq" dg'bpq/uki pkkcpv{ "ko r cev' d{ " vj g'eqptqn'xctkcdngu0' Vj g'tgugctej "j qf u'vj g"uki pkkcpv' hq' "dqy "Kq0'gpxktqpo gpv'cpf "o ctngvtu'qh'i tggp"equo gvku0'

**Keywords:** I tggp. 'Gpxktqpo gpv. 'Eqpuekqwupguu. 'Ut wewtciGs wcvkqp'0' qf gnkpi "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ASSESSMENT OF ENVIRONMENTAL EDUCATION CONCEPTS' KNOWLEDGE AND 21<sup>ST</sup> CENTURY PEDAGOGICAL SKILLS AMONG UNIVERSITY LECTURERS IN NIGER STATE

<sup>1</sup>Shuaeeb, A. I., <sup>2</sup>Bello, M. R. (PhD), <sup>3</sup>Idris, U. S. B. (PhD).

<sup>3,4,5</sup>F gr ct vo gpv'qhl'Uekpeg'Gf wecvkqp."

Hgf gt cn'Wpkxgt ukv' "qhl'Vej pqrqi { "O kppc. 'Pki gt 'Ucvg. 'Pki gt kc0

#### ABSTRACT

Gpxktqpo gpcn'Gf wecvkqp" \*GG+ "r n { u" c" etwekn'tqrg" kp" r tqo qvki " cy ctgpguu. "npqy rfi i g" cpf "cevkqp" vqy ctf u" uwuclpcdrg" gpxktqpo gpcn' r tcevegu. "kp" y j lej "Pki gt kc" j cu" c" f kxgtug" gequ{ uvgo " cpf " hceki " gpxktqpo gpcn'ej cmgpi gu" hqo " kpf wutken'vq" nqecni' o kpgtci' gzr nqt cvkqp" cevkxkkgu' Ngewt gt u" kp" vgt vct { " kpukwkqpu' ct g' t gur qpukdrg' hqt' ko r ct vki " eqo r t gj gpukxg' npqy rfi i g" cpf " unkm' vq' uwf g pu' 0F gvgt o k lpi " vj g' s wcpwo " qh' npqy rfi i g' qp' Gpxktqpo gpcn' Gf wecvkqp" ewt lewwo " co qpi " hgewt gt u' ku' xkcn' hqt' g puw' kpi " vj g' ghgevkxg' f grkxgt { " qh' gpxktqpo gpcn' gf wecvkqp" eqpegr vu. " vj g' qtkgu' cpf " r tcevekn' cr r rlec vkpu. " y j lej " kv' cnuq" gs vkr " vj go " y kj " vj g' pgeguuct { " vqnu' vq' hquvgt " etk' kecn' vj kpnki . " f gekukp/ o cnki " cpf " gpxktqpo gpcn' uvgy ctf u' j k" co qpi " uwf g pu' 0 Vj g' GG" eqpegr wø" npqy rfi i g" kpxqrgf " kpenw' g' dkqf kxgtukv' . " erko cvg" ej cpi g. " y cvg' cpf " gpgti { " eqpegr w' y j kg' vj g' 43" ewpwt { " r gf ci qi kecn' unkm' kpenw' g' f ki kcn' hkg' tce { " cpf " geq/ r kgtce { " unkm' 0 Vj g' uwf { " eqo r t kugu' qh' 34" t guctej " qdlgevkxgu" y kj " ku" eqtt gur qpf kpi " t guctej " s wguv' kpu" cpf " j { r qv gugu' 0 Vj g' uwf { " j qrf u" ugxgt' cn' uki p h' c' epv' ko r rlec vkpu" hqt " xctkwu' ucngj qrf gt u" kpxqrgf " kp" gf wecvkqpcn' kpukwkqpu" cpf " gpxktqpo gpcn' uwuclpcdkv' " y j lej " kpenw' g" gf wecvkqpcn' kpukwkqpu. " ngewt gt u. " uwf g pu. " I qxgt po gpv' cpf " r qrle { " o cngtu. " gpxktqpo gpcn' qti cpl' c vkpu" rknng" P I Qau' cpf " eqo o wkv' { " o go dgtu' 0 F guetk' vkg' " uw' xg { " t guctej " f guki p" y kni' dg" wugf " hqt " vj ku' uwf { " kpxqrgf kpi " 443" vti gvgt " wpkxgtukv' " ngewt gt u" kp" P ki gt " Ucvg. " y j lej " 362" ngewt gt u' y kni' dg' uco r rfi " hqt " vj g" uwf { " wukpi " r wtr qukg' uco r rki 0 C' ut wewt gf " t guctej gt au' s wguv' kppckt gu' y kni' dg' wugf " vq' grlek' qr kpkpu" hqo " vj g' t gur qpf g pu' 0 Vj g' f cv' eqmgev' vj cv' ct g' t grv' gf " vj' vj g' f go qi tcr j k' f cv' y kni' dg' cpcn' ugf " wukpi " vj g' uko r rfi " hqo " vj g' wpe { " eqwv' cpf " r gtegpvi g. " cu' y gni' vj g' t guctej " s wguv' kpu" \*TS + " y kni' dg' cpcn' ugf " wukpi " vj g' o gcp " \*z+ " ueqt g' cpf " uc' p' ctf " f g' x' cvkqp" qh' gcej " s wguv' kppckt g' kgo " vq' cpuy gt " vj g' t guctej " s wguv' kpu" y j kg' vj g' t guctej " j { r qv gugu' \*J Q+ " y kni' dg' cpcn' ugf " wukpi " pqp/ r ctco g' t k' kphgt g' v' kn' uc' v' kn' ecn' v' q' qh' O c' pp/ Y j kpg { " W V gu' 0 Ucv' kn' ecn' R cen' i g" hqt " Uqekn' Uekpegu" \*URUU+ " xgt ukqp" 48" y kni' dg' wugf " kp" ectt { kpi " qw' vj g' cpcn' uku' qh' vj g' f cv' eqmgev' 0

**Keywords:** Gpxktqpo gpcn'Gf wecvkqp. "Gpxktqpo gpcn'Gf wecvkqp" Eqpegr vu. "43" Egpwt { "Rgf ci qi kecn' Unkm. "Uwuclpcdrg' F gxgr o gpv' ( "Wpkxgt ukv' "Ngewt gt u'

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### NANOTECHNOLOGY IN INDUSTRIAL WASTEWATER MANAGEMENT

*BENDIDI Faycel<sup>1</sup>, ALAMI YOUNSSI Saad<sup>1</sup>, MOUSSADIK Ali<sup>2</sup>, ABROUKI Younes<sup>2</sup>, LOUKILI Hayat<sup>1\*</sup>*

*\*1 Wpkxgtukş "qhlJ cuwcp "K/"Ecucdrpec. "HUNO. "O qj co o gf kc. "O qt qeeq0'*

*<sup>2</sup> O qj co o gf "X" Wpkxgtukş "lp" Tcdcv "Hcewnş "qhl'Uekpogu'qhlTcdcv. "Tcdcv. "O qt qeeq0'*

*\* QTEK "K" <j wru-qlqtekf Qti D22; /2226/; 997/; : 83"*

"

#### ABSTRACT

Cr r ilecvkp" qh' gpi kpggtgf "pcpqo cvgtknu" hqt "vj" g" vtgcvo gpv' qh' kpf wutkni' ghhwgpwu" cpf "vq" f gcn'y kj " tgecnekcpv'r qmwcpwu" j cu" dggp" pqvlegcdnş "r tqo qvşf "kp" tgegpv' { gctu0' Nedqtcvqt { . "r kqv" cpf "hwm/uecrg" uwf lgu" go r j cuk' g'yj g'r qvşpvcni' qh'yj ku' vgej pqmş { "vq" qh' hgt "r tqo kulpi "vtgcvo gpv'qr vşqpu'vq' b ggşvşj g' hmwat g" pggf u' hqt' engcp' y cvgt' tguvtegu' cpf "vq" eqo r nş "y kj "utkpi gpv' gpxktpo gpcvni' gi wcvşqpu' Vj g' vgej pqmş { " ku" pqy "kp" vj g" uci g" qh' dşkpi " vcpuhgtt gf "vq" vj g" tgcni' cr r ilecvkp' Vj gt g' hqt g. " vj g" cuuguo gpv' qh' ku" r g' hqt o cpeg' ceeqtf kpi "vq" uwucşkpcdkş { "etkştkc" cpf "vj g' kt' lpeqtr qtcvşkp' kpv' vj g' f gekukp/ o cni' kpi "r tqeşuu" ku' c' hş { "vcunivq' g' puwt g' vj cv' hşpi "vgt o " dşp g' hku' ct g' cej lşxşf " hqt o " vj g' pcpq/ vtgcvo gpv' vgej pqmş lgu' k' vj ku' uwf { . " vj g" ko r qt vşpeg" qh' uwucşkpcdkş { "etkştkc" hqt " vj g" eqpxşpşkpcvni' cpf "pqxşni' vgej pqmş lgu' hqt " vj g" vtgcvo gpv' qh' kpf wutkni' ghhwgpwu" y cu" f gvt o kşgf "kp" c" i g' pgtcni' cr r tqcej " cuukşgf " d { " c" hş | { /F gr j k' o gşj qf 0' Vj g' etkştkc" y gt g' ecşgi qtk gf "kp" vgej şlecni' geşpqo ke. " gpxktpo gpcvni' cpf "uqekni' dtcşpej gu' cpf " vj g' ewtt g' v' ukvşcvkp" qh' vj g' pcşqşgej pqmş { "t gi ctf kpi " vj g' etkştkc" y cu' etkştkcni' " f luewugf 0' Vj g' t guşnu" kpf lcvş vj cv' vj g' ghşkşpe { "cpf " uşhşv { " ct g' vj g' b quv' ko r qt vşpv' r cto gvtu' vq' b cni' uwucşkpcdkş " ej şlegu' hqt " vj g' vtgcvo gpv' qh' kpf wutkni' ghhwgpwu' Cni' q. " kp" cf f kşkp' vq' vj g' pggf " hqt " uecni' kpi / wr " vj g' pcşqşgej pqmş { " kp" xetkşwu' uci gu. " vj g' uwf { " qp' vj g' kt " gpxktpo gpcvni' hşqv' t kpv' b wuv' eqpvşkwş " kp" f ggr gt " uecni' vşpf gt " g' zr geşgf " gpxktpo gpcvni' eqşf kşqpu. " kp" r ct vşwct " vj g' u { şpv guku' qh' gpi kpggtgf "pcpqo cvgtknu" cpf "vj" g' f gşxşqr o gpv' qh' t g' cevqtu' y kj " vj g' cdkş { " qh' t geşxşgt { " cpf " t g' wug' vj g' pcşqşgej pqmş " ku' r cr gt " y kni' c' k' " vq' ugrşev' vj g' o quv' uwucşkpcdkş " v' r gu' qh' pcşqşgej pqmş " hqt " vj g' tgcni' cr r ilecvkp' v' v' " vj g' i vşf g' vj g' hmwat g' uwf lgu' kp' vj ku' hşgf 0"

**Keywords:** "P çşqşgej pqmş { " kpf wutkni' Y cuşgy cvgt " O cşci go gpv' " Vtgcvo gpv' "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### RECENT ADVANCES AND CHALLENGES NANOTECHNOLOGY APPLICATIONS FOR WATER TREATMENT

*EL FAKIR El Habib <sup>1</sup>, ACHIOU Brahim <sup>1</sup>, ANOUZLA Abdelkader <sup>1</sup>, ABROUKI Younes <sup>2</sup>, LOUKILI Hayat <sup>1\*</sup>*

<sup>1</sup> *Wpkxgt ukf "qhJ cuucp "K/"Ecucdrpec. "HUNO. "O qj co o gf kc. "O qt qeeq0'*

<sup>2</sup> *O qj co o gf "X"Wpkxgt ukf "kp "Tcdc v "Hcewnf "qh"Uekpegu"qhTcdc v "Tcdc v "O qt qeeq0'*

*\*QTEK "KF <j wru-1lqtekf Qti D22; /2226/; 997/; : 83"*

"

#### ABSTRACT

Vj g"o quv'etk'lecn'ej cngpi g"qh"vj g"43u'egpwt { "ku"vq"rtqxkf g"uw"hekgpv's wcpv'k'gu"qh'engcp. "chqtf cdng" y cvgt "hqt "cn0'Rqr wv'v'kp"i tqy vj . "erko cvg"ej cpi g. "cpf "f gen'k'p' "y cvgt "s werkv { "ct g"hw vj gt "gzcegt dc'v'p' " yj ku'ukw'cv'kp0'Vgej pqm' lecn'k'ppqxc'v'kp. "uwej "cu'pcpqvej pqm' { . "ku'guugpv'cn'v'q"gp'cdng'k'p'v'g' t cvgf "y cvgt" o cpci go gpv'v'q "k'pet gcug"v' t gcvo gpv'g'h'hekgpe { "cpf "g'zr cpf "y cvgt "uwr r'ng'u" w'k'p' "wpeqpxgp'v'k'p'cn'v' cvgt" uqvt'egu0'P cpqvej pqm' { "ecp"ko r tqxg"ceegu"v'q'engcp"cpf "uchg"ft'k'p'k'p' "y cvgt "d { "r tqxkf k'p' "k'ppqxc'v'g" pcpqo cvgt'k'cn'v'q"v' t gcv'uw'hc'eg"y cvgt. "i tqw'p'f y cvgt. "cpf "y cvgy cvgt"eqp'w'o k'p'cvgf "y k'j "j c' ctf q'wu"o g'cn' k'p'u. " k'p'qti c'p'le" cpf " qti c'p'le" uq'n'w'gu. " cpf " o letq'qti c'p'k'uo u0' Cu" c" t'g'u'w'v. " vj g" f g'x'g'nr o gpv' qh' pcpqvej pqm' { "j cu"r tqxkf gf "t'g'x'q'n'w'k'p'p'ct { "uq'n'w'k'p'u" v'q" g'p'i k'p'g'g't'k'p'i . "r j { u'k'eu. "ej go k'ut { . "cpf "q'y gt" ej cngpi gu0'Rt'qf w'ew" cpf " r tq'eg'gu" f g'x'g'nr gf " vj tq'w' j " pcpqvej pqm' { "cf xc'pegu"ewt'g'p'v' { "wugf " k'p" y cvgy cvgt" v' t gcvo gpv' k'p'cn'v'g" pcpqcf uq't'd'gp'u. " | g't'q'x'c'ng'p'v' pcpqk'q'p. " pcpqdk'q'ek'f gu. " pcpqk'nt'cv'k'p. " o ci p'g'v'le" pcpqr ct'v'eng'u. "cpf "j { d't'k'f "v'ej pqm' { "v'j cv'gp'cdng'u'ec'v'cn' { v'le"q'z'k'f'cv'k'p'd' { "y g'v'c't' "k'p"cf'f'k'k'q'p"v'q" pcpqr ct'v'eng'u0'E'q'p'uk'f g't'k'p'i "v'j g'guugpv'cn'p'gg'f "v'q"gz'co k'p'g'c'p'f "v' t gcv'f' g'x'g'nr k'p'i "j c' ctf q'wu"y cvgy cv'v'ny gt" eq'uv. "y k'j "h'gu"gp'gt' { . "cpf "o qt g'g'h'hekgpe { . "v'j ku'uw'f { "j k'j r'k'i j w'v'j g'ewt'g'p'v'c'f' xc'pegu"k'p'p'cpqvej pqm' { 0' O cp { "u'ge'v'qt'u. "uwej "cu'uel'g'p'v'k'le"t'g'ug'c't'ej . "o gf k'ec'n'k'g'nf . "cpf "h'q'f "k'p'f w'ut { . "j cx'g'r'c'k'f "ur g'ek'n'c'w'gp'v'k'p" v'q"v'j g'i tqy k'p'i "ko r qt'v'peg"qh'p'cpqvej pqm' { "cpf "v'j g'v'p'k'w'g's w'erk'k'gu"qh'p'cpqvd'd'ng'u0'

**Keywords:** "P cpqvej pqm' { "U'w'v'c'k'p'cdng="Y cvgt="v' t gcvo gpv0'

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EMERGING NANOTECHNOLOGY FOR REMEDIATION OF HEAVY METAL CONTAMINATED WATER

EL-BOUZIDI Ahmed <sup>1</sup>, ACHIOU Brahim <sup>1</sup>, BEQQOUR Dounia <sup>1</sup>, ABROUKI Younes <sup>2</sup>, LOUKILI Hayat <sup>1\*</sup>

<sup>1</sup> Wpkxgt ukf "qhJ cuucp "KK/ "Ecucdrpec. "HUNO. "O qj co o gf kc. "O qt qeeq0'

<sup>2</sup> O qj co o gf "X" Wpkxgt ukf "kp "Tcdc v. "Hcewnf "qh" Uekpegu" qhTcdc v. "Tcdc v. "O qt qeeq0'

\* QTEK "KF < j wru- lqtelk Qti 122; /2226/; 997/; : 83"

"

#### ABSTRACT

J gcx { "o gvcn" ctg "wds wkqwu" kp "y g" cvo qur j gtg "cpf "y gk "eqpwo kpcvkqp" qh" y cvgt "dqf lgu" ku" c" i mdcn' r tqdrgo 0J gcx { "o gvcn" ctg" j ki j n' "vzle" cpf "kpf weg" cf xgtug "vzlek" { "v" j wo cpu" cpf "qy gt" "cs wcve" "cpko cnu" cpf "r mpvu" y j gp" "gxr qugf" "cv" eqpegpvcvkqp" cdqyg" y j tgeqo o gpf gf "ngxgn" 0' F gur kg" y j gk "pcwtcn' qeewt gpeg. "tr kf "kpf wutlcrlk cvkqp" cpf "wtdcpk cvkqp" cev'cu" c' "hwgn" v' i gpgtcvg" cpf "tgnucug" j gcx { "o gvcn" f ktgevn' "qt" kpf ktgevn' "kpv" y j g" gpxktqpo gpv'cv'cp" cinto kpi "tcvg0F wg" v' y j gk "pqp/dkqf gi tcf cdr" pcwtg. "cpko cnu" cpf "qy gt" "cs wcve" qti cpkuo u' ctg" gxr qugf "v" y j go "cpf "y wu" j cxg" dgeqo g' c" o cvgt "qh" i mdcn' eqpegtp0Vj ku' r tqo r w' y j g" pggf "v" f gxgnr "cp" ghgevkxg" o gcuwtg" v' cf ftgu" y j g" eqpwo kpcvkqp" qh" y cvgt "dqf lgu" d { "j gcx { "o gvcn" 0' k" tgegpv' v' o gu. "pcpqvej pqmji { "ku" y j g" uwkcdrg" o gcuwtg" hqt" y j g" tgo qxcn' qh" r qmwcpw" htqo "y j g" cvo qur j gtg" wukpi "dkqu" { py gvle" pcqqr ct veng" 0' Cf uqtr vkqp" vej pls wg" ku" i gpgtcm' { "cr r rkgf "hqt" y j g" tgo gf kcvkqp" qh" j gcx { "o gvcn" 0' P cpqo cvgtlcni' ctg" ghgevkxg" uqtdgpw' f wg" v' y j gk "vkp" { "uk" g" cpf "rti g" uwtlreg" ctgc. "y wu" j cxkpi "o cuukxg" cf uqtr vkqp" ecr cekkgu" v' g' tcf kecvg" j gcx { "o gvcn" kqpu" htqo " eqpwo kpcvgf "y cvgt0Vj ku" ej cr vgt "hqwugu" qp" y j g' f khgtgpv' v' r gu" qh' pcpqvej pqmji { /dcugf "vej pls wgu" cpf "y j gk" ghgevkxgpwu" k' tgo qxkpi "j gcx { "o gvcn" htqo "eqpwo kpcvgf "y cvgt0"

**Keywords:** "P cpqvej pqmji { "T go gf kcvkqp" =J gcx { "O gvcn" =Y cvgt0'

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### BIOTECHNOLOGICAL APPROACHES IN VEGETABLE OIL REFINING USING ULTRASONIC TECHNOLOGY

ZAROUAL Khalid <sup>1</sup>, ALAMI YOUNSSI Saad <sup>1</sup>, BEQQOUR Dounia <sup>1</sup>, ABROUKI Younes <sup>2</sup>, LOUKILI Hayat <sup>1\*</sup>

<sup>1</sup> Wpkxgt ukf "qhJ cuucp "K/"Ecucdrpec. "HUNO. "O qj co o gf kc. "O qt qeeq0'

<sup>2</sup> O qj co o gf "X" Wpkxgt ukf "kp" Tcdc v. "Hcewnf "qh" Uekpegu "qh" Tcdc v. "Tcdc v. "O qt qeeq0'

\* QTEK "K" < j wr u- lqt ekf Qti D22; /2226/; 997/; : 83"

"

#### ABSTRACT

Gf kdrq "qkn" tgr t gupvu "cp" lo r qt vpv'r ctv "qh" j wo cp "f lgv" kp "qwt" f ckn "rhg" vq' r tqxkf g "gp" gi { . "guugpv" lcn "hcw" f celf u "cpf" "pwt" lgvu "vq" j wo cp "d" gkpi u "Vj" g "tgh" kpi "r" tqegu "c" lo u "vq" tgo qxg "wpy" cpvgf "eqo" r qpgpvu "it" qo " vj" g "etw" f "xgi" g vcdrg "qkn" vq' r tqf weg "c" tgh "kpgf" "qkn" y kj "lo" r tqxgf "ucd" kkv { "cpf" "equwo" gt "r" tghg "gpeg" 0 "Vj" g "tgh" kpi "r" tqegu "ecp" dg "ect" tkgf "qw" ej go kecm { " \*f" gi wo o kpi . " pgwt" ckrk "cv" kqp. " drgej" kpi " cpf" f gqf "qtk" "cv" kqp "qt" "r" j { ulecm { " \*y" kj qw "pgwt" ckrk "cv" kqp "0" Gcej "uvgr" "qh" vj" g "tgh" kpi "r" tqegu "j" cu "ku" hwpv "kqp" vq' tgo qxg "r" ct "vew" t "wpy" cpvgf "eqo" r qwpf u "v" j cv "lo" r tqxg "v" j "s" wcrk { "qh" vj" g "qkn" 0 "Vj" g "lo" r rgo gpv "cv" kqp "qh" wntcuqple "vgej" pqm { "j" cu "ur" ctngf "kp" vgt guv "kp" gf kdrq "qkn" tgh "kpi" "cu" cp "cngt" pc "v" kx "b" gvj "qf" "vq" "eqpx" gpv "kpcn" f gi wo o kpi "cpf" drgej kpi "r" tqegu "u" 0 "Vj" g "cr" r rke "cv" kqp "qh" wntcuqple "vgej" pqm { "kp" vj" g "xgi" g vcdrg "qkn" tgh "kpi" "r" tqegu "j" cu "t" gegpv { "tck" ugf "eqpe" gt pu 0 "Wntcuqple" vgej pqm { "ecp" dg "cr" r rkgf "kp" vj" g "f" gi wo o kpi "uvgr" "vq" "lo" r tqxg "v" j "g" f gi wo o kpi "gh" hkepe { "y" kj "v" j "g" tgo qxcn "qh" r "j" qur "j" qnr "kf" u 0 "kp" "cf" f "k" kqp. "wntcuqple" vgej pqm { "t" gf weg "v" j "g" wug "qh" cek "cpf" "y" cvgt. "vgo" r gtcwt "g" cpf "v" lo "g" f wt "kpi" "v" j "g" f gi wo o kpi "r" tqegu "0" kp "cf" f "k" kqp. "wntcuqwpf" "lo" r tqxgu "v" j "g" zvgpv "qh" f gi wo o kpi "kp" "gp" | { o "cv" le "f" gi wo o kpi 0"

**Keywords:** "Dk" vgej pqm { "X" gi g vcdrg "Qkn" "Tgh" kpi "Wntcuqple" 0'

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### REVIVING TURKISH ARCHITECTURAL HERITAGE: A MACHINE LEARNING APPROACH TO SHAPE RECOGNITION USING SHAPE GRAMMAR AND MACHINE LEARNING MODELS, A CASE STUDY OF SUAKIN INLAND PORT-SUDAN

<sup>1</sup>AbdulRaheem Bolaji Olakanbi & <sup>2</sup>Osama Rayis

<sup>3</sup>Fgrctwo gpv'qhlCtej kgewt g' ("kpf wmt knF guki p")

Hcewml "qhlGpxkt qpo gpv'Uekgegu"

Wpkxgt ukyl "qhlCdwlc."HEV."Cdwlc0"

<sup>4</sup>Chlec 'Ekl "qhlVgej pqrqi {"Mj ctvqwo "Uwfc p"

"

#### ABSTRACT

Vj ku'uwf {"rtgugpu'cp'ctej kgewtcrn'rcpi wci g'htq "Vwt nkuj "ctej kgewtcrn'j g'kci g."cft t gukpi "vj g'pggf "hqt" c'eqo r t gj gpukg'w'pf gtucpf kpi "qhl'ku'j g'kci g."ctej kgewtcrn'xcnw'g'cpf "r rcp'rc {"qwu'y kj kp'r j {"uleknc'p'f "uqekq/ewnw'crn'eqpvz'u0'Vj g'clo "ku'v'f ghkg'cpf "ecv'gi qt k' g'Vwt nkuj "ctej kgewtcrn'grgo g'pv'u'w'kpi "c'uj cr g' i tco o ct" cr r t qcej ." f tcy kpi "htqo "I tggpr'y au' h'w'p'f cvkqpcn' y qtm' \*3; 98+" cpf "tgegpv' eqo r krc'v'kpu'0' W'k'k' kpi "c'o kzgf/o gvj qf u'utcv'gi {"vj g'tgugctej "kpxq'x'gf "h'grf "u'w'x'g'{"u."ctej kxcn'tgugctej ."cpf "o cej kpg" r'gct'p'kpi "v'gej plsw'gu."ur g'ek'k'ecm' {"c'uj cr gi tcr j k' "CKo qf gn'v'q'cpcn' | g'gz'k'k'kpi "Vwt nkuj "d'w'k'f kpi u'k'p'v'j g' uwf {"ctgc0"

Mg {"h'k'p'f kpi u' k'p'f k'ec'v'g' vj cv' Vwt nkuj "ctej kgewt g' h'gc'w't gu" c" f k'w'k'p'ev' eqw't v'ctf " \*Ucj p+" qti c'p'k' cvk'q'p." gpj c'p'ek'pi "u'q'ek'cn' k'p'v'g't'c'ev'k'q'p." ewnw'crn' r t'c'ev'legu." U'cr'co r'km" j ct'k'o ." O'cuj k'c'd'k'f c." Mj'cuj y c." V'c'p'i k'n" e'c't'x'g'f "U'v'q'p'g'cpf "f g'p'v'k'w'c'v'k'q'p'0'Vj g'o qf gn'uw'ee'g'u'w'm' {"e'c'u'k'k'g'f "x'c't'k'q'w'u'r r'cp" v'f r'gu." j k' j r'k' j v'k'p'i "c" e'q'j g't'g'p'v'x'q'ec'd'w'c't {"qhl'ctej kgewtcrn'grgo g'pv'u'w'ej "cu'v'j g'eqw't v'ctf " \*Ucj p+"cpf "O'cuj k'c'd'n'c" \*C'0'Vj g' uwf {" eqpen'f gu" vj cv' v'c'f k'k'q'pcn' Vwt nkuj "ctej kgewt g' e'c'p" k'p'q'to " eqp'v'go r q'tc't {" f guki pu" y j k'g' o c'k'p'v'k'p'kpi "ewnw'crn'uki p'k'h'ec'p'eg'0"

Tgeqo o g'p'f cvk'q'p'u'k'p'en'f g' h'm't vj g't'gugctej "k'p'v'q'v'j g'ur cv'k'cn'ut wew't gu" qh'Vwt nkuj "ctej kgewt g'cpf "vj g' cr r r'k'ec'v'k'q'p'q'h'i g'p'g't'c'v'k'g'uj cr g'i tco o ct"u'v'g'o u'v'q' "h'q'u'v'g't "f g'g'r g't "ce'c'f go k'c'p'f "r t'c'ev'ec'n'k'p'uki j w'k'p'v'q' vj ku" c'tej kgewtcrn' j g'k'ci g'0' Vj ku" cr r t qcej " eqw'f " dt'k'f i g' v'c'f k'k'q'pcn' f guki p" r t'k'p'ek' r'gu" y k'j " o qf g't'p' c'tej kgewtcrn' r t'c'ev'legu." gpj c'p'ek'pi "vj g' cr r t g'ek'v'k'q'p'cpf " r t'gug't'x'c'v'k'q'p' qh' Vwt nkuj " ewnw'crn' k'f g'p'v'k' {"k'p' eqp'v'go r q'tc't {"eqp'v'gz'u'0'

"



**III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE**

**CROP DISEASE DETECTION USING IMAGE CLASSIFICATION"**

*Ayma Fatima<sup>1</sup>*

*Fgrctwo gpv'qhlEgo rwxgt "Uekgpeg"cpf "Gpi kpggt kpi . "Kpvgi tcn"Wpkxgt ukf . "Nwempqy . "Wwxt "Rt cf guj . "*  
*Kpf kc "*

*Arshi Fatima<sup>2</sup>*

*Fgrctwo gpv'qhlEgo rwxgt "Uekgpeg"cpf "Gpi kpggt kpi . "Kpvgi tcn"Wpkxgt ukf . "Nwempqy . "Wwxt "Rt cf guj . "*  
*Kpf kc "*

*Ana Fatima<sup>3</sup>*

*Fgrctwo gpv'qhlEj go knt { . "Crki ctj "Owurko "Wpkxgt ukf . "Crki ctj . "Wwxt "Rt cf guj . "Kpf kc "*

**ABSTRACT**

Qpg"qh"vj g"o quv"ko r qtvcpv"lpf wutkgu"lp"Kpf kc"ku"ci tlewnwt.g."y j lej "go r m{u"cmo quv"j cih"qh"vj g"r gqr ng" cpf "o cngu"l'wduwvpcr'geapqo le"eqvtldwkqp0F gvevkap"qh'etqr "f kugcug"r r {u"l'xkcdtqng"lp"ci tlewnwt.g." gur gekm{ "hqt"qdvclpki "j ki j "{kgrf u"cpf "hqqf "ugewtkv{0K'vcngu"l'qv'qh"vko g"v"q" f gvev"o quv'qh"vj g" f kugcugu" cpf "kv"pggf u"zr gt vug" dw"lp"o cp{ "r rnegu." vj ku"zr gt vug"ku"pqv'tgcf kn{ "cxckrdng." j gpeg" vcf kklqpcn' o gvj qf u'y kn'dg"umy "cpf "ko r quukdr0K'vj ku'r tqgvev."vug"qh"O N"K6 ci g'er:uukh'ecvqp"o "EP P +v"q" f q"cp" Cwqo cvgf "Etqr "f kugcug" f gvevkap"u{vgo "cpf "Cwqo cvk" f lci pquku" wulpi "o cej kpg"ngctpki "dcugf" cr r r'ecvkap0F cvcugv"lpqxqkxgf "lp"vj ku"r tqgvev"ctg"Qr gp/uqwtg" f cvcugv."uwej "cu"Rr:pvXknci g."eqpvclp" vj qwucpf u"qh"r'edgmgf "ko ci gu"ht "xctkqwu"etqr u"cpf "f kugcugu0C"eqpxqmwkqpcn'pgwtcr'pgy qtm"EP P + o qf gn'ku"vclp" wulpi "c"rcti g" f cvcugv"qh"ko ci gu"cpf "ngctpu"v"kf gpvkh{ "c"ur gekh" f kugcug"lp"r ct vewrt" etqr u"i kxgp"gpqwi j "kpr w'f cv"qp"j genj { "cpf "f kugcug" r r'pwo0Vj g"r tqi tco "cpcn{ ugu"hgfr /vcngp"ngch" r j qvqu"v"kf gpvkh{ "f kugcug"uki pu"lpenwf kpi "ngukqpu." f kucqmwtecvqp."cpf "ur quw0Gctn{ "kpvgtxgpvkap"ku"o cf g" r quukdr" d{ " vj ku." y j lej " mpy gtu" etqr " mqu" cpf " wugu" hgy gt" r gulekf gu" d{ " vgcvpi " ur gekh" ct gcu0 C f f kklqpcn{ . "vj g"t'gugctej "mqnu"kpq" wulpi "vj g"o qf gn'cu"o qdkg"cr r r'ecvkap"vj cv'y qwf "ngv'ht o gtu" kpr w'etqr "r j qvqu"cpf "i gvtgen'vko g" f lci pqvke"hgfdcen0D{ "r tqxkf kpi "ht o gtu"y kj "cp" gcu{ /vq/wug"cpf " r tceveclly c{ "v"o cpci g'etqr "j genj . "vj ku"vgej pqmji { "j qr gu"v"r tqo qvg'lwuvclp'cdng'ht o kpi "o gvj qf u"cpf " dqquv"qwr w0

"  
"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### BACTERIAL PRODUCING BIOSURFACTANTS FROM SPENT LUBRICATING OIL POLLUTED SOIL

*Shitu, S., Gambo, J. B. and Aliyu, M.Y.*

*Fgrctwo gpv'qh'Crrikgf 'Dkqrqi {.'Uej qqn'qh'Crrikgf 'Uekgpegu."*

*Eqmgi g'qh'Uekgpeg'cpf 'Vgej pqrqi {.'Mcf wpc 'Rqr'vgej pke.'Mcf wpc 'Ucvg.'Pki g'kc"*

*QTEK 'kF <2222/2225/5689/5268"*

#### ABSTRACT

Vj g'cko "qh'y ku'tgugctej "y qtn'ku"vq"kuqrvg"cpf "kf gpvkh{ "dkquwthcevpw"rtqf welpi "dcevtkc"htqo "ur gpv'ndtlecwpi "qkn'r qmwgf "uqkn'0Dkquwthcevpw"ctg"o letqdkn'co r j kr j kke"eqo r qwpf u'y j lej "ecp"tgfweg" uwthceg'vpuqap"dgwy ggp'cs wgwu"cpf 'j {ftqectdqp"o kzwatgu0Dcevtkc'kuqrvgf'htqo "ur gpv'ndtlecwpi "qkn'r qmwgf "uwthceg'y gt g'ej ctcevtk k gf "o qtr j qmji kecm{ 'cpf "dkqej go kecm{ 0Vj g'tguwn/hqt'r j {ukeqej go kecn' r ctco gygtu'qh'eqpwo kpcv'gf "uqkn'ucor r ig'y kj 'c'r J 'qh'80 9.'o qkuwtg'eqpvgpv50' . 'grgevtkecn'eqpf wexkx{ "3044µo leo ."vgo r gtcwtg"480<sup>9</sup>E."qti cple"o cwgt"304. "uqkn'vgzwtg="er{ "4068' . "ukn"90' "cpf": ; 0: ' . "vgzwtcn'eu="ucpf { 'mqo "cpf 'j gcx{ 'o gvcn'lpemf g'Rd'704"r ro +\ p'508"r ro + 'Hg'47207"r ro + 'P'k208"r ro +0Vj g'tguwn/hqt 'y g'dcevtkc"eqwpv'qh'eqpwo kpcv'gf "uqkn'ucor r r g'tgxgcrgf "y cv'vj g'etwf g'qkn'dcevtkc" eqwpv'qh'ur gpv'ndtlecwpi "uqkn'tcpi gu'htqo "306: "z"32<sup>8</sup>."3024"z"32<sup>8</sup>."30 "z"32<sup>8</sup>cpf "vqcn'cgtqdkc"cgtqdkc" eqwpv'qh'ur gpv'ndtlecwpi "uqkn'tcpi gu'htqo "306: "z"32<sup>6</sup>"6"402"z"32<sup>6</sup>ehwi . 'y g'qeeewt gpeg'qh'r ugwf qo qpcu' 62' . "uwr j {mjeqeeu"cw'gwu"52' "cpf "G0'eqrk"52' "t gur gev'xgn{ 0Dkquwthcevpw"ctg'y g'o clp"o letqdkn' uwthceg'cewxg'eqo r qwpf u'wugf "kp"gp'xktqpo gpv'nr qmwkqpv0Vj g{ 'ecp'ko r tqxg'uqkn'htg'vkrx{ . 'r tqvgev'r rpv' wpf gt "ut guu'eqpf kxqp"cpf "cew'cu"pcw'cn'dkqekf gu'0O qt g'tgugctej "pggf u"vq"dg"fpqg"vq"qr vko k g'y ku" r qv'p'kcio'

**Keywords:** Dkquwthcevpw."ur gpv'ndtlecwpi "qkn'r qmwgf "uqkn'cpi "dcevtkc

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MACHINE LEARNING IN CYBERSECURITY THREAT DETECTION AND RESPONSE

*Arshi Fatima<sup>1</sup>*

*F gr ct wo gpv'qhEqo r wgt "Uekpeg"cpf "Gpi kpggt kpi . "Kvgi t cn'Wpkxgt ukf . Nwempqy . "Wwct "Rt cf guj "*

*Ayma Fatima<sup>2</sup>*

*F gr ct wo gpv'qhEqo r wgt "Uekpeg"cpf "Gpi kpggt kpi . "Kvgi t cn'Wpkxgt ukf . Nwempqy . "Wwct "Rt cf guj "*

"

#### ABSTRACT

Y kj "e{dgt"vj tgcw"i tqy kpi "o qt g"uqr j kulecvgf "cpf "pwo gtqwu."tcf kkpncn'ugewtkf "ecppqv"ghgevxgnf " f gvev'cpf "t gur qpf "v"cf xcpegf "cwcemu."O cej kpg'Ngctpkpi \*O N+j cu'dgeqo g"qpg"qh'yj g'o quv'ko r cev'hw' vqnu"lp"vcemkpi "e{dgt"ugewtkf "ej cmgpi gu."cmqy kpi "v" f gvev'cpf "t gur qpf "v"vj tgcw"y kj "ko r tqxgf " ceewtce{ "cwqo cvlcmf "cpf "lp'tgcn'vko g0Vj ku'r cr gt "cko u'v'f kuewu'vj g'o cej kpg'ngctpkpi "vej pls wgu'ht " e{dgtugewtkf "lp'tgcn'vko"vj tgcw'f gvev'kq"cpf "r t gxp'vko"ht qo "o cny ctg."r j kuj kpi . "f gpkcn'qh'ugt xkg" cpf "kpukf gt"vj tgcw'Y g"uwtxg{ "f khtgtpv'uw gt xkugf . "wpuwr gtxkugf "cpf "f ggr "ngctpkpi /dcugf "O N'o qf gnu" vj cv'ecp'dg'wugf "v'cpcn| g'rti g'xqno gu'qh'f cv'ht'k'gpvkh{kpi "cdpqto cnl'cwgt pu'lp"vj g'pgvy qt n'v'chle0' K'vj gp"lp'xgumki cvgu'ko r qt vcpv'ej cmgpi gu."uwej "cu'f cv's wcrkv{ ."cf xgtuctkn'cwcemu"lp"O N'o qf gnu"cpf " kpvgr tgcw'krf "qh'o qf gnu'Vj g"hp'f kpi u'uj qy "vj cv'd{ "f gvev'kpi "vj tgcw"o qt g"s wlemf "cpf "r tgekugf . " o cej kpg'ngctpkpi "o c{ "i tgcw" "gpj cpeg"e{dgtugewtkf "f ghpegu"cpf "dqnvgt "qti cpluc'vko"t gu'k'peg" ci c'p'v'e{dgtcwcemu'0Vj ku'uwf { "cf f u'v'vj g'g'zr cpf kpi "eqtr wu'qh'e{dgtugewtkf "npqy ngf i g'd{ "cuugukpi " vj g'ghgevxgpguu."f k'hw'k'gu."cpf "r t qur gew'qh'o cej kpg'ngctpkpi /dcugf "vj tgcw'f gvev'kq"u'uygo u0'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SYNTHESIS OF N-ARYLATED CARBAZOLE DERIVATIVES AND THEIR APPLICATIONS

*Sobia Mukhtar, Prof. Dr. Matloob Ahmad<sup>1</sup>, Sana Aslam<sup>2</sup>*

<sup>3</sup>*Fgrctvo gpv'qh'Ej go kat { .I qxgt po gpv'Eqngi g'Wpkxgtukv{ .Hckucrcdf .Rcnkucp0' j wru<Iqt el{ Qti I2222/2225/3524/: 278"*

"

#### ABSTRACT

Vj g"P/ct {rcv{f"j gvtqe {erle"eqo r qwpf u"j cxg"tgegkxgf"ur gekn'cwgpvkqp"d { "o gf lekpcil'ej go kuu"cpf " u{pyj gve" qti cple" ej go kuu" fvg" vq" vj gk" dlqni kecn' cevkxkku." rj cto cegwkecn' cr r rdecvkpu." cpf " cr r rdecvkpu'kp'o cvgtkcn'uelgpeg0Vj gug'eqo qwpf u'ctg'wughw'kp"qti cple'iki j v/go kvpi "f kqf gu"QNGF u+." qti cple"uqirt "egmu"cpf "nwo kpguegpv'o cvgtkcn'qy kpi "vq"vj gk"j ki j "vj gto cni'ucdkk{ . "j qng"t cpur qt vpi " r tqr gt vku."cpf "r j qvqepf wevkxk{ 0Vj g'u{ pyj gve"r tqvequ"ht "P /ct {rcv{f"qh'ectdc| qng'kpenf g'eqr r gt " ecvncf ugf "Wmo cpp'eqw r kpi 't gcevkpu."tcpuvkp'o gcn'lt gg't gcevkpu."ctqo cve'pveqqr j kile"uwdukwvkp" t gcevkpu."plengr'ecvncf ugf 't gcevkpu."cpf "r cmf kwo "ecvncf ugf 't gcevkpu0'

**Keywords:** "J gvtqe {erle"Eqo r qwpf u."P/ct {rcv{f."ectdc| qng."t gcevkp"

"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EMPLOYEE ENGAGEMENT AND PRODUCTIVITY ANALYTICS IN A HYBRID WORK ENVIRONMENT

*\*Dr. Praveen Kakada*

*XK'Dwukpguu'Uej qqn'Xgnrt g'Kpukwg'qhvgej pqrqi { 'Ej gppck 'Vco kiPcf w:'Kpf k "*

*Mohammed Anas*

*XK'Dwukpguu'Uej qqn'Xgnrt g'Kpukwg'qhvgej pqrqi { 'Ej gppck 'Vco kiPcf w:'Kpf k "*

"

#### ABSTRACT

Vj g'tkug'qh'j { dtkf "y qtm'o qf gnu"j cu"vcpuhqto gf "vcfkkqpcn'er r tqcej gu"vq"go r m{ gg"gni ci go gpv'cpf " r tqf wevxxk{. 'r tqo r vki "qti cpk cvkqpu'v'cf qr v'cf xcepgf "cpcn' vku'v'pexki cvg'y ku'uj km'ghgevkxgn(0Vj g" r tko ct { "r wtr qug'qh'y ku'tgugctej "ku'v'gzco kpg'y g"ghgevkxgpguu'qh'xctkqwu'cpcn' vku'v'qnu'cpf "o gvt'leu" kp"gxncvki "gni ci go gpv'cpf "r tqf wevxxk{ "kp"j { dtkf "y qtm'gpxtkqpo gpw'Uvtxg{ "f c'c"eqmgevgf "ft qo " 522"j { dtkf "go r m{ ggu'kp"xctkqwu'kpf wvvtkgu"\*gd 0'KV. "hpcpeg. "j gcnj ect g'Ugo k'utwewt gf "kpvgtxky u" y kj "42"J T "o cpci gtu'hqewugf "qp"v'g"ej cmgpi gu'qh'o cpci kpi "j { dtkf "vgo u"cpf "wukpi "cpcn' vku'v'ht" gpi ci go gpv'URUU'ht "s wcvkcvkxg'f c'c"cpf "P Xkq'ht "s wvkvkxg'cpcn' uku'Vj g's wcvkcvkxg'f c'c"y gt g" cpcn' | gf "wukpi "ucvkvkcvkxg'f c'c"pks wgu. "kpenf kpi "tgi tguvkq'cpcn' uku. "v'f gvt o kpg'y g'eqttgrvkvq"dgvy ggp" gpi ci go gpv'ngxnu'cpf "r tqf wevxxk{ "qweqo gu'S wvkvkxg'f c'c"y gt g"v'j go cvkcm{ "eqf gf "v'wpeqxt" tgewtkpi " r cvgtpu" cpf " ej cmgpi gu' hceg " d{ " go r m{ ggu' kp" j { dtkf " ugwki u' Vj g" tguwmu" kpf kcvg" c" uki pkkcpv' r qukvxg" eqttgrvkvq" dgvy ggp" j ki j " gpi ci go gpv' ngxnu' cpf " r tqf wevxxk{ " kp" j { dtkf " y qtm' gpxtkqpo gpw'Gpi ci gf "go r m{ ggu'gzj kdkgf "dgwgt "vcumr gthqto cpeg. "j ki j gt "cf cr vcdkx{. "cpf "kpetgcugf " o qvkvkq" tgi ctf nguu" qh' y qtm' mecvkqpo' Vj ku' uwf { " eqptkdwgu" pqxgn' kpuki j w' kvq" v'j g" pvcpegf " tgrvkvqj k " dgvy ggp" go r m{ gg" gpi ci go gpv' cpf " r tqf wevxxk{ " ur gekkcm{ " y kj kp" j { dtkf " o qf gnu. "c" tgrvkvgn{ "wpgt g'zr mt gf "ctgc"kp"J T "cpcn' vku'v'kvgtcwtg'Vj g'kpf kpi u'qh'y ku'tgugctej "qhgt "r tcevkcn' ko r rkevkvpu'ht "J T "r tqhguvkqpcn'cpf "qti cpk cvkqpcn'gcf gtu'd{ "j ki j vki "v'j g'ko r qtvepg'qh'vkvgt gf " gpi ci go gpv'v'cvgi kgu'kp"j { dtkf "ugwr u'D{ "uj gf f kpi "rki j v'q'v'j g'g'f { pco leu. "v' ku'tgugctej "eqptkdwgu" v'v'j g'i tqy kpi "dqf { "qh'kvgtcwtg'qp"j { dtkf "y qtm'o qf gnu'cpf "r tqxkf gu'cevkvpcdrg'tgeqo o gpf cvkqpu'v' g'pj cpeg"go r m{ gg'gzr g'kpeg'cpf "f tkxg'r tqf wevxxk{ "kp"v'j g'o qf gtp'y qtm' negO'

**Keywords:** Go r m{ gg'Gpi ci go gpv.'Rtqf wevxxk{. "J T "Cpcn' vku. "J { dtkf "Y qtm'Gpxtkqpo gpv

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CULTURALLY MARKED VOCABULARY IN "THE FOREST'S SONG" AND ITS TRANSLATION

Polina HORIELOVA<sup>1</sup>

<sup>3</sup>Vgcej gt. 'Qrgu'J qpej ct 'F plrt q'P cvkqpcn'Wpkxgt ukş. 'Hcewn' qh'Wnt ckpkcp'cpf 'Hqt gli p'Rj kqrqi { 'cpf " Uwf { 'qh'ct v'F gr ct w gpv'qh'vt cpur v'kqp'cpf 'Nkpi wkwke'vt ckpkpi "qh'Hqt gli pgt u.'F plrt q.'Wnt ckpgO'  
<sup>3</sup>QTEK 'KF <j wr u'lt qtkf Qti D222/2223/775: /6487"

#### ABSTRACT

õVj g'Hqt guv'Uqpi õ'ku'qpg'qh'vj g'o quv'ho quw'f tco cu'd { "Nguk "Wnt ckpnë "t gcn'pco g<Nct { uc "Mqucej / Mxknc+."qpg'qh'vj g'o quv'y kf gn' tgeqi pk gf "Wnt ckpkcp"cwj qtu'qh'vj g'3; vj "egpwt { 0Vj ku'f tco c'vgn'vj g' uvt { "qh'vj g'nxg'dgy ggp'c'hqt guv'ur k'k'cpf "c'j wo cp."cpf 'k'ku'dcugf "qp"Wnt ckpkcp'hqmmqt gOJ gpeg. 'k'ku' hwn'qh'ewwntcm { "o ctngf "y qtf u<vj gt g'ct g'c'iqv'qh'hqmmqt g'vgt o u.'uwej "cu" "c'Wnt ckpkcp'vgt o "hqt " c"o gt o clk +."cu'y gric'u't g'ric "vj cv'f guetkdg"gxgt { f c { "rkg"õ "hqt "kpuvpeg. " "c'ur gekn'v' r g"qh'utcy " j cv'0Vj gt g'ct g'cnq' r tqr gt 'pco gu'vj cv'f q'pqv'eny c { u'j cxg'Wnt ckpkcp'qt ki kp'dwt ghgevt hqecne'wuro u<hqt " gzco r rë. "vj g'pco g" "ëqo gu'ht qo "vj g'Ncv'p'y qtf "o gcpki "õcs w'k'pö"cpf "y cu'dt qwi j v'q'Wnt ckpg" y kj "c'iqv'qh'vj gt 'I tggm'cpf 'Ncv'p'pco gu'qh'Ej tkukcp'uc'p'v'cpf "ej cpi gf "r j qpgv'ecm { d { "hqcni'f k'rgewO' Vj g'v'cpur v'kqp'qh'vj g'f tco c'y cu'et g'v'f d { "Rgt exni'E wpf { "cpf "r vdrkuj gf "k'3; 720J gt g'xct k'qu'v'qqu" qh'ewwntcm { "o ctngf "xqecdwrt { "v'cpur v'kpu'ct g'wugf <hqt "kpuvpeg. "v'cpur v'kqp"\* "ku'v'cpur v'f " cu'Nwnc'ij + "ecsv'g"õ . " " " " õ"õ"õJ g'Y j q'T gpf u'vj g'F { nguö+ "gzr r'ecv'kqp"\* "õ" Nquw'Dc dgu="k'ku'cnuq"o gpv'kqpgf "cv'vj g'dgi k'p'kpi "qh'vj g'f tco c"vj cv'vj g { "ct g'y cvgt "pkz gu "vj cv'y cu'pqv' f k'gevt "o gpv'kqpgf "dw'lo r r'kgf "k'p"vj g'qt ki k'pcn+ "cpf "gxgp'cf cr v'kqp"\* "õ"Y cvgt "I qdrk'p<j gt g'c" Wnt ckpkcp'hqmmqt g'vgt o "ku'v'cpur v'gt o gf "k'p'v'q'p'g'v' r'kecn'ht "Y guv'gt p'Gwt qr gcp'o { vj qm { +0C mlk'cm "vj g' v'cpur v'kqp"ku's w'kg'cf gs w'v'g'v'q"vj g'qt ki k'pcn "dw'ku'uqo g'v'lo gu'qduqngv<hqt "gzco r rë. "vj g'pco g" " uj qwf "dg'v'cpur v'f "cu'M' r'p'c. "pqv'M'k'p'c. "ceeqf kpi "v'q"o qf gtp'v'cpur v'kqp't w'guO'

**Keywords:** 'h'v'gt cwt g.'v'cpur v'kqp."ewwntcm { "o ctngf "xqecdwrt { . "v'cpur v'kqpO'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL ACTIVITY OF NOVEL TRANSITION METAL (II) COMPLEXES FROM MIXED-HETEROCYCLIC LIGAND SYSTEM

*Vjollca Berisha, Sevdije Govori*

*Wplxgt ukf "qhlRt kxkpc. "Hcewnf "qhlP cwt cn'Uekpegu. "F gr ct wo gpv'qhlEj go km {."O qyj gt "Vgt guc."  
Tgr wdrke "qhlMquqxq"*

"

#### ABSTRACT

P qxgn'vcpukqp"o gcn'KK"eqo r ngz gu"ltqo "o kz gf /j gvtqe {erle"rki cpf "u{ uvgo "j cxg"dggp"u{ pvj guk gf O' Vj g"eqo r qwpf u'y gt g'ej ctcevtk gf "wukpi "Grgo gpvcn'cpcn'uku"cpf "ur gevtn'gej plsvgu"uwej "cu"KT. "WX." <sup>3</sup>J "POT. <sup>85</sup>E" POT"cpf "" O cui"ur gevtn'Vj g"rki cpf u"cpf "vj gk"eqo r ngz gu"y gt g"uetggpgf "hqt"vj gk" cpvkcevtkcn'cevkkku"ci clpuv'vy q" f lhgtpv'utclpu." pco gn' "Guej gt lej kc" eqrk" cpf "Ucrj {meqeewu" cwt gwu"O'k"r ct vewrt."vj g"Eq\*KK. "P k\*KK. "cpf "Ew\*KK/eqo r ngz gu"gz j kkgf "j ki j gt"cpvkcevtkcn'cevkkku" y j gp"eqo r ctgf "q"vj g"ltgg'rki cpf u0"

**Keywords:** Vcpukqp"o gcn'KK"eqo r ngz gu."J gvtqe {erle"rki cpf ."Cpvkcevtkcn'cevkkk\."Guej gt lej kc" eqrk"Ucrj {meqeewu" cwt gwu"

"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EXPLORING INDIGENOUS KNOWLEDGE AND PRACTICES IN MALARIA PREVENTION: INSIGHTS FROM RURAL CAMEROON

Asahngwa Constantine

Ft0Eco gtqqp'Egpm g'ht 'Gxlf gpeg/Dcugf 'J gcnj ectg. 'I cqwpg g.'Eco gtqqp"

Wpkxgt ukf 'qh' cqwpg g3. 'Hcewnf 'qh'Cu. 'Ngwgtu'cpf 'Uqekn'Uekgpegu. 'F grctvo gpv'qh'Cpyj tqrqni {." Eco gtqqp"

QTEK <2222/2224/; 473/5644"

#### ABSTRACT

Kp'Eco gtqqp."o crtk'tgo ckpu'c'ugt'kwu'r wdre"j gcnj "r tqdrgo "f gur kwg'ghqt u'o cf g'd { "i qxgt po gpv'vq" g'cf k'ecv'v'j g'f kugcug0'Vj g'r t'gxcngpeg't'cv'g'ku'gunko cv'gf "cv'52' "y kj "ej kf t'gp'dgrny "v'j g'ci g'qh'h'k'g'cpf " r t'gi p'cpv'y qo g'p'd'gkpi "v'j g'o qu'v'ch'gevgf 0'K'ku't gur qpukdrg'hqt "cdqw'4'o k'rkqp"ecugu'qh'eqpuwnc'v'k'p" j g'cnj 'h'ek'k'kgu'cpf "72' "qh'eqpuwnc'v'k'p'u'ht "ej kf t'gp'dgrny "v'j g'ci g'qh'h'k'g'0'Y j k'g'ugxgt'cn'uwf'kgu'j cxg" d'ggp"eqpf w'ev'f "qp"o crtk"r t'g'x'g'p'v'k'p"ht qo "c" dk'qo g'f k'ecn'r g'tur g'ev'x'g." k'p'f k' g'p'q'w'u" n'p'q'y r'f i g' "c'p'f " r t'ce'v'legu"t'g'r'v'k'p' "v'j"o crtk"r t'g'x'g'p'v'k'p"t'go ckpu'r q'q't'n { "w'p'f g'tu'v'q'q'f 0'Vj ku's w'ck'c'v'k'g"u'w'f { "u'g'g'm'u"v'q" g'z'r n'q't'g'v'j g'k'p'f k' g'p'q'w'u"cur g'ew'q'h'o crtk"r t'g'x'g'p'v'k'p"ht qo "c"t'w'c'n'eq'p'v'z'v'0'Vj ku'n'p'q'y r'f i g'ku't'g'g'x'c'p'v' h'q't "d'g'w'g't'eqo o w'p'k'f "g'p'i c'i go g'p'v'k'p'v'j g'h'i j 'v'c'i ck'p'u'v'o crtk'k'p't'w'c'n'Eco gtqqp00 g'v'j q'f u'<k'p'ht o g'f "d { "c'p" g'v'j p'q'i t'c'r j l'e "f g'uk'i p." k'p'f g'r v'j "k'p'v'g't'x'k'g'y u." h'q'ew'u"i t'q'w' "f k'ue'w'u'k'p" c'p'f "q'd'ug't'x'c'v'k'p'u"y g't'g' w'ug'f "v'j" eq'm'g'ev'f'c'w'co q'p'i u'v'eqo o w'p'k'f "o go d'g't'u'k'p'v'j g'P'f q'r "J g'cnj "F k'ut'lev'q'p"eqo o w'p'k'f "r g't'g'r'v'k'p'u" c'p'f " r t'ce'v'legu"t'g'r'v'k'p' "v'j"o crtk"r t'g'x'g'p'v'k'p'0'E'q'm'g'ev'f'f'c'w'y cu'c'p'c'n { g'f "v'j go c'v'k'ec'n { "c'p'f "g'v'j k'ec'n'r r t'q'x'c'n' h'q't "v'j ku"u'w'f { "y cu'k'u'w'g'f "d { "v'j g'Eco gtqqp"D'k'q'g'v'j k'eu"U'q'ek'g'v'f "E'DU" T'g'u'w'u'<R'c't'v'k'c'p'w'u" c'w't'k'd'w'g'f " o w'nk'r ng'c'i g'p'u'd'g'r'k'x'g'f "v'j"ec'w'ug"o crtk'k'p'ew'f k'p'i "f k'v'f "y cv'g't." d'c'f "h'q'q'f." o q'us w'k'q'g'u." e'r'ko cv'g'ej c'p'i g." t'g'f "h'k'g'u." o c'p'w't'k'k'p." o c'p'i q'g'u" c'p'f "r k'p'g'c'r r ng'u'0' T'g'i c't'f k'p'i "v'j g' q't'k'i k'p" q'h' o q'us w'k'q'g'u." r c't'v'k'c'p'w'u" d'g'r'k'x'g'f "v'j c'v'o q'us w'k'q'g'u"t'g'r' q'p'uk'd'rg'hqt "ec'w'uk'p'i "o crtk"j c'f "c"o { u'v'k'ec'n'q't'k'i k'p'0'k'p'f k' g'p'q'w'u"o g'v'j q'f u'q'h' o crtk"r t'g'x'g'p'v'k'p" k'p'ew'f g'="f t'k'p'n'k'p'i "r c'm "y k'p'g." w'ug' q'h' n'q'ec'n' r n'p'w'u" cu' o q'us w'k'q'g" t'g'r g'n'c'p'w'u" c'p'f " eq'p'uw'o r v'k'p'q'h'j g't'du'v'j"r t'g'x'g'p'v'o crtk'0'Q'v'j g't"o g'v'j q'f u'q'h'm'g'g'r k'p'i "c'y c { "o q'us w'k'q'g'u" k'p'ew'f g'd'w't'p'k'p'i " q'h'eq'y "f w'p'm'c'p'f "d'w't'p'k'p'i "q'h'c" x'c't'k'g'v'f "q'h'r t'q'f w'ew'u"v'j" r t'q'f w'eg"u'o q'ng" c'p'f "u'g'p'f " o q'us w'k'q'g'u" c'y c { 0' E'q'p'ew'uk'p'<E'q'o o w'p'k'f "o go d'g't'u'c'w't'k'd'w'g'v'j g'ec'w'ug'q'h'o crtk"v'j"o w'nk'r ng'c'i g'p'u'y j k'ej "c't'g'w'uw'c'm { " f k'ht'g'p'v'q'h' d'k'qo g'f k'ec'n'y k'uf qo 0'Vj g { "c'n'q" w'ug"ug'x'g't'c'n' o g'v'j q'f u'v'j" r t'g'x'g'p'v'o crtk"dc'ug'f "q'p"v'j g'k't" o cv'g't'k'c'n'ew'w't'c'n'g'r'go g'p'u'0'Vj ku'n'p'q'y r'f i g'ku't'g'g'x'c'p'v'k'p'k'p'ht'o k'p'i "v'j g'f g'uk'i p'q'h'k'p'v'g't'x'g'p'v'k'p'u"v'j c'v'ug'g'm'u" v'j" g'p'i c'i g'eqo o w'p'k'f "o go d'g't'u'k'p"o crtk"r t'g'x'g'p'v'k'p'k'p'v'j c'v'q'ec'k'v'f 0'"

Keywords: k'p'f k' g'p'q'w'u." n'p'q'y r'f i g." r t'ce'v'legu." o crtk." r t'g'x'g'p'v'k'p"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE INFLUENCE OF CULTURE ON THE TREATMENT SEEKING BEHAVIOIR OF MALARIA PATIENTS IN CAMEROON

*Asahngwa Constantine Tanywe*

*Ft0Eco gtqqp'Egpt g'ht 'Gxlf gpeg/Dcugf 'J gcnj ectg. 'I cqwpg g.'Eco gtqqp"*

*Wpkxgt ukf 'qhl' cqwpg g3. 'Hcewnf 'qhl'Cu. 'Ngwgtu'cpf 'Uqeknl'Uekpegu. 'F grctvo gpv'qhl'Cpyj tqrqni {.'  
Eco gtqqp"*

*QTEK <2222/2224/; 473/5644"*

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#### ABSTRACT

Kpvtqf wevkqp<kp'Eco gtqqp.'yj g'dcwg'ci cklpu'vo crtk'ku'ht'htqo "qxgt'cu'vj g'f kugcug'eqpvkpwgu'v'kphkv' r clp'cpf'uwhtg'kpi 'v'ku'xleko u'cpf 'yj gkt'tgrvkgu0Vj g'r tgcrgpeg'tcv'ku'guko cvgf 'cv52' 'y kj 'ej kft gp' dgrny 'yj g'ci g'qhl'kxg'cpf'r tgi pcpv'y qo gp'dgkpi 'yj g'o quv'chgevgf 0K'ku'tgur qpukdg'ht'cdqw'4'o krikp' ecugu'qhl'eqpuwncvkqp'kp'j gcnj 'hceklkgu'cpf '72' "qhl'eqpuwncvkpu'ht'ej kft gp'dgrny 'yj g'ci g'qhl'kxg'0 Cnj qwi j 'yj g'gxl'f gpeg'ht'o crtk'tgcvo gpv'j cu'tgeqt'gf 'uqo g'uki pklcepv'go r k'lecl'eqpv'kdwkqp.'xgt { " rkwg'ku'npqy p'cdqw'vj g'kphwpeg'qhl'ewwt'g'qp'vj g'tgcvo gpv'ugnkpi 'dgj cxkqt'qhl'o crtk'r cvkpw0Vj ku' uwf { "y cu'qw'v'k'pxguki cvg'j qy 'ewwt'g'kphwpegu'o crtk'tgcvo gpv'0Vj ku'kphqto cvkpw'ku'tgrxcpv'ht' utcvgi kgu' v'f gixgt' ghgevkxg' tgcvo gpv'0 O gy qf u' kphqto gf " d { " cp" gj pqi tcr j le " f guki p." kp/f gr yj " kpvgtxky u." hqewu'itqwr "f kuewukqp" cpf " qdugt'xcvkpu'y gt g'wugf "v'eqmgev'f cvc"co qpi uv'eqo o wpkv { " o go dgtu'lp"O hqw"J gcnj "F kntlev'qp'ewwt'cn'r gtegr vkpu'cpf "r tcevegu'tgrv'v'v'q'o crtk'tgcvo gpv'0 Vj go cvk'cpcn'uku'v'ej plk w'g'y cu'wugf "v'cpcn' | gf " eqmgev'f f cvc'0Gj kcn'r r t'qxcn'eco g'htqo " yj g' Eco gtqqp'Dkqgvj keu'Uqekv' { "EDU+T guwnu<E wwt'g'uj cr gu'r gqr ng'u'cvkwf g'v'qy ctf u'o crtk'tgcvo gpv' f w'v'v'g'k'ewwt'cn'r gtegr vkpu'cdqw'vj g'f kugcug'cpf "r tghg't'v'wug't'cf kkp'cn'o gf kelpg'ht'tgcvo gpv'0 Ewwt'cn'dgrkhu'cnuq'kphwpeg'v'gkt "r gtegr vkpu'cdqw'dkqo gf kelpg'cpf "j qy "k'ku'wugf "ht'tgcvo gpv'0 Qy gt'ewwt'cn'r tcevegu'kpenf'g'j qo g'tgcvo gpv.'t'cf kkp'cn'tgcvo gpv'0Vt'cf kkp'cn'j gengt'cnuq'r r { "c' etk'lecl'tqng'kp'uj cr kpi "yj g'g' dgj cxkqtu'cpf "r tcevegu'0E qpenukqp<E wwt'g'j cu'c'tqng'kp'uj cr kpi "yj g' tgcvo gpv'dgj cxkqt'qhl'eqo o wpkv { "o go dgtu'v'j tqwi j "yj gkt "r gtegr vkpu."dgrkhu'cpf "r tcevegu'0F gekukqp" o cngtu'pggf "v'dg'cy ctg'qhl'vj g'g'ewwt'cn'grgo gpv'cpf "j qy "k'kphwpegu'v'g'dgj cxkqt'qhl'r gqr ng'0Vj ku' npqy ngf i g'ecp'dg'wugf "v'ht'vj gt'k'pxguki cvg'v'g'o gf kelp'cn'r tqr gt'v'ku'qhl'vj g'xct'kwa'k'p'ki gpqwu'r r'p'u' wug'v'tgcvo'o crtk'0

**Keywords:** 'Ewwt'g.'o crtk.'tgcvo gpv'ugnkpi . 'r cvkpw.'s wcrkcvkxg"

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#### DEVELOPING AN INTEGRATED BIM AND GIS MODEL TO SUPPORT THE IMPLEMENTATION OF INFRASTRUCTURE PROJECTS

*Dr. Khanh Giang Le*

*Hcewnf 'qhl'Ekkl'Gpi kpggt kpi . 'Wpkxgt ukf 'qhl'Vt cpur qtv'cpf 'Eqo o wplecvkqpu.'J cpqk 'Xlgyvco "*  
*QTEK <2222/2224/84; 7/: 79: "*

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**ABSTRACT**

Kp't gegpv' { gctu. "vj g'cr r ncevkap" qh' Dwf kpi "Kphqto cvkap" O qf grkpi "DIO + "cpf "I gqi tcr j le "Kphqto cvkap" U{ uvgu u' "I KU+ } cu't gxqnwkpkl gf "vj g'r rppkpi . "f guki p. "cpf "o cpci go gpv' qh' kphcutwewt g'r tqlgeu' Vj ku" uwf { "hqwugu" qp" f gxgr kpi "cp" kpgi tcvf "DIO " cpf "I KU" o qf gr' vq" uwr r qv' vj g" ko r rgo gpvcvkap" qh' kphcutwewt g'r tqlgeu' k' Xlgyvco 0'D { "eqo dlkpi "vj g' utgpi vj u' qh' DIO " k' "5F" o qf grkpi "cpf "f gvckgf " f guki p' y kj "vj g' ur cvkr' cpcn { uku' ecr cdkrk' ku' qh' I KU. "vj ku' kpgi tcvf "o qf gr' cko u' vq' gpj cpeg' vj g' gh' k' gpe { . " ceewtce { . " cpf " eqm' dqt cvkap" co qpi " ucngj qrf gtu" kpxqrkf " k' kphcutwewt g'r tqlgeu' Vj g' t' guctej " j ki j rki j w' vj g' o gvj qf qqi { "hqt' kpgi tcvf " DIO " cpf "I KU" cpf "vj g' d' g' gh' ku' qh' vj ku' kpgi tcvkap' Vj g' t' guwuu" kpf' k' cvg' uki p' k' ecpv' ko r tqxgo gpw' k' r tqlgev' r rppkpi . " tkun' o cpci go gpv. " cpf " f gekukp/ o ctkpi " r tqeguugu. " r tqxkf kpi "c' t' qd' wuu' h' tco gy qtn' hqt' h' wwt g' kphcutwewt g' f gxgr o gpw' ""

**Keywords:** "Dwf kpi "Kphqto cvkap" O qf grkpi "DIO + "I gqi tcr j le cni' Kphqto cvkap" U{ uvgu u' "I KU+ " k' f wut { " Hqwpf cvkap" Ercuugu" "KE+ " F cv. " k' pgi tcvkap' 0"

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ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EFFECT N, P, K, S, Zn & B ON GROWTH AND YIELD OF CABBAGE

*Sadbir AHMED*

*F gr ctwo gpv'qhEtqr "Uekpeg"cpf "Vgej pqrqi { .Hcewnf "qh'Ci tkewnwt g. "Wpkxgt ukf "qh'Tcluj cj k "*  
*Tcluj cj k8427. "Dcpi rcf guj "*

*Dr. Md Saiful Islam*

*Rtqlguuqt. "F gr ctwo gpv'qhEtqr "Uekpeg"cpf "Vgej pqrqi { .Hcewnf "qh'Ci tkewnwt g. "Wpkxgt ukf "qh' "*  
*Tcluj cj k "*

*Tcluj cj k8427. "Dcpi rcf guj "*

*Sakila Khatun*

*F gr ctwo gpv'qhEtqr "Uekpeg"cpf "Vgej pqrqi { .Hcewnf "qh'Ci tkewnwt g. "Wpkxgt ukf "qh'Tcluj cj k "*  
*Tcluj cj k8427. "Dcpi rcf guj "*

*Md. Saidul Islam*

*F gr ctwo gpv'qhEtqr "Uekpeg"cpf "Vgej pqrqi { .Hcewnf "qh'Ci tkewnwt g. "Wpkxgt ukf "qh'Tcluj cj k "*  
*Tcluj cj k8427. "Dcpi rcf guj "*

#### ABSTRACT

Vj g" hgrf " gzi rtko gpv'y cu" ecttlgr "qw'cv" Uqkl' Uekpeg" Hcto "qh'vj g" F gr ctwo gpv'qh'Etqr "Uekpeg" cpf " Vgej pqrqi { . "Wpkxgt ukf "qh'Tcluj cj k" f wtkpi "vj g'r g' rtkqf "Itqo "8" P qxgo dgt. "4244" "q" "6" "O ctej . "4245" "y" kj " c" xkgy "q" hpf "qw'vj g" ghge'v'qh'P . "R. "M" "U. " \ p" ( "D" qp" i tgy vj "cpf " { kgrf "qh'ecddci g'0'Vj tgg' tgr rlecwkp" qh'vj g" gzi rtko gpv'y g' g' eqpf wevgf "wukpi "c" Tcpf qo k' gf "Eqo r rvg" Dmjem' F guki p" \*TEDF -0' F khtg gpv' hgtvkl' gt "f qugu" y g' g' vcmgp" hqt "vj g" gzi rtko gpv' gzi rtku'gf "cu" vtgcvo gpv3\*Eqpvt qm: "vtgcvo gpv4\*P +. " vtgcvo gpv5\*P R+. " vtgcvo gpv6\*P RM+. " vtgcvo gpv7\*P RMU+. " vtgcvo gpv8\*P RMU\ p+. " vtgcvo gpv" 9\*P RMU\ pD-0'Rrcpv'j gki j v. "pwo dgt "qh'rgcxgu' r' g' r' rcpv'cpf "rgch'ngpi vj "y cu'uki p'k'lec'p'v'f "k'p'hw'g'pegf "d { " vj g' cr r rlecwkp "qh'f khtg gpv' hgt vkl' gt 0'Rrcpv'j gki j v' o' gcuw'gf "cv'52. "67" cpf "82" f c { u' chgt "vtcpur rcpv'kpi " \*F CV-0' Vtgcvo gpv7" r tqxkf gf "dguv' tguwn' eqo r ctkpi " y kj " vtgcvo gpv30' [ kgrf "cnuq" kpetgcugf "d { cr r rlecwkp "qh'f khtg gpv' hgt vkl' gt "f qug'0'Vj g'j ki j guv' { kgrf "88Q 8" "v'p'lj c' y cu' qd'v'k'p'gf "Itqo "vtgcvo gpv70'

**Keywords:** "Ecddci g=I tgy vj" ( " { kgrf =Hgt vkl' gt "F qug"

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COMPARATIVE STUDY BETWEEN EN 50110-1, 2013 AND IS 5216, 1982 (PART I & II)

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**Shravani Amit Jagdale**

\*Vl 'DVgej . 'F gr ct wo gpv'qhlEkxkl'Gpi kpggt kpi . 'Mcugi cqp'Gf wecvkqp'Uqekgv'au'Tclct co dcrw'Kpukwng'qhl' Vgej pqrqi { . 'cHhkcvgf 'vq'Uj kxclk'Wpkxgt ukaf . 'Ucnj ct crg . 'O U637636 . 'Kpf kc -0'

**Shruti Ramesh Latane**

\*Vl 'DVgej . 'F gr ct wo gpv'qhlEkxkl'Gpi kpggt kpi . 'Mcugi cqp'Gf wecvkqp'Uqekgv'au'Tclct co dcrw'Kpukwng'qhl' Vgej pqrqi { . 'cHhkcvgf 'vq'Uj kxclk'Wpkxgt ukaf . 'Ucnj ct crg . 'O U637636 . 'Kpf kc -0'

**Rutuja Ankush Dawane**

\*Vl 'DVgej . 'F gr ct wo gpv'qhlEkxkl'Gpi kpggt kpi . 'Mcugi cqp'Gf wecvkqp'Uqekgv'au'Tclct co dcrw'Kpukwng'qhl' Vgej pqrqi { . 'cHhkcvgf 'vq'Uj kxclk'Wpkxgt ukaf . 'Ucnj ct crg . 'O U637636 . 'Kpf kc -0'

**Prof. Mayur Madhukar Maske**

\*Rt qlgev'l wlf g . 'F gr ct wo gpv'qhlEkxkl'Gpi kpggt kpi . 'Mcugi cqp'Gf wecvkqp'Uqekgv'au'Tclct co dcrw' Kpukwng'qhl'Vgej pqrqi { . 'cHhkcvgf 'vq'Uj kxclk'Wpkxgt ukaf . 'Ucnj ct crg . 'O U637636 . 'Kpf kc -0'

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#### ABSTRACT

Vj g'Kpf kcp'Ucpcf ctf/7438'Rctv'K'\*Htu'vT gxlukqp+'ut qpi n' "go r j cuk gu'uchgv' "kp'kpucnkpi . "qr gtcvkpi . " cpf "o clpvclpki "grgevtle"dkpgu'cpf "gs wlr o gpv'0'K'r tqxkf gu'eqo r tgj gpukxg'uchgv' "i wlf gtrkpgu'hqt"o clqt " grgevtlecn' kpucnk'vqpu" cpf " qwdkpgu" ur gekhle" r tgecvkqpu" hqt" j c| ctf qwu" ctgcu" uwej " cu" o kpgu'0' K" eqo r ctluqp . "vj g'Gwtqr gcp'Ucpcf ctf "GP "72332/3" hqewugu" qp" gpuwtkpi "vj g'uchg"qr gtcvkqp"cpf "y qtn' cevkkkku" tgrv'gf "vq" grgevtlecn' kpucnk'vqpu . "kpenwf kpi " r gt o cpgpv . " vgo r qtct { . "cpf " o qdkrg"ugwr u'0' K' cftftguugu"xctkqwu"cevkkkku . "kpenwf kpi " i gpgtcvkpi . "vcpuo kvkpi . "f kvtkdwkpi . "cpf " wwk' kpi " grgevtlecn' r qy gt . "y j kg"r tkqtkk kpi "uchgv' "cpf " o clpvpcpeg"r tqegf vt gu'Vj ku"r cr gt "clo u"vq"dt lghn' "eqo r ctg"vj g" Kpf kcp"cpf "Gwtqr gcp'ucpcf ctf u . "j ki j rki j vki "vj gk'r tko ct { "qdlgev'vkgu"cpf "r tqxlukqpu'0'

**Keywords** <Kpucnk'vqpu . "Qr gtcvkqp . "O clpvpcpeg . "Grgevtlecn'Uchgv'0'

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#### COMPUTATIONAL CHEMISTRY FOR THE DESIGN AND OPTIMIZATION OF HETEROGENEOUS CATALYSTS

MOUSSADIK Ali <sup>1\*</sup>

<sup>1</sup> O q j c o o g f "X" W p k x g t u k f "k p" T c d c v "H c e w n f "q h" U e k p e g u "q h" T c d c v "O q t q e e q 0"

\* Q T E K F "K F" < j w r u < l q t e k f Q t i I 2 2 2 2 / 2 2 2 3 / : 7 ; 4 / 3 5 2 : "

"

#### ABSTRACT

J g v g t q i g p g q w u "e c v n f u k u" r n { u " c " e t k k e c n f t q r g " k p " k p f w u t k c n f e j g o k e c n f r t q e g u u g u . " t c e k k c v k p i " t g c e v k q p u " k p " g p g t i { " r t q f w e v k q p . " g p x k q p o g p v e n f t g o g f k e v k q p . " c p f " e j g o k e c n f u { p v j g u k u 0 " E q o r w e v k q p c n f e j g o k u t { " j c u " g o g t i g f " c u " c p " g u u g p v k c n f v q q n f h q t " w p f g t u x c p f k p i " c p f " q r v o k k p i " v j g u g " e c v n f u s u " c v " v j g " c v q o k e " r e x g n " g p c d n k p i " t g u g t e j g t u " v q " r t g f l e v " e c v n f v l e " c e v k x k v f . " u g r g e v k x k v f . " c p f " u v c d k r k v f 0 " C f x c p e g f " e q o r w e v k q p c n f o g v j q f u . " k p e n f k p i " f g p u k v f " H w p e v k q p c n f v j g q t { " \* F H V + . " o q r g e w a r t " f { p c o k e u " \* O F + . " c p f " o c e j k p g " r g e t p k p i " c n i q t k v j o u . " c m q y " h q t " f g v k r g f " k p x g u k i c v k q p u " q h " e c v n f v l e " o g e j c p k u o u " c p f " v j g " k f g p v k h e c v k q p " q h " c e v k x g " u k s g u 0 " V j g u g " c r r t q c e j g u " r t q x k f g " k p u k i j w " k p v q " t g c e v k q p " r c v j y c { u . " c f u q t r v k p p " g p g t i k g u . " c p f " c e v k x c v k q p " d e t t k g t u . " c k f k p i " k p " v j g " t e v k q p c n f g u k i p " q h j k i j n f " g h i l e k p v " e c v n f u s u 0 "

Q p g " q h " v j g " o c l q t " h q e w u g u " k p " e q o r w e v k q p c n f u w f k g u " k u " q p " v t c p u k k q p " o g v n f d c u g f " e c v n f u s u . " y j g t g " t g u g t e j g t u " c l o " v q " g p j c p e g " r g t h q t o c p e g " d { " o q f k h f k p i " u w t h c e g " u w w e w t g u . " k p v t q f w e k p i " f q r c p u . " q t " e t g c v k p i " d k o g v n f e " u f u v g o u 0 " T g e g p v " f g x g n r o g p u " k p " j k i j / v j t q w i j r w " u e t g g p k p i " c p f " e q o r w e v k q p c n f o q f g r k p i " j c x g " c e e g r t c v g f " v j g " f l u e q x g t { " q h " p g y " e c v n f v l e " o c v g t k c n f d { " g x c n v c v k p i " v j q w u c p f u " q h " o c v g t k c n f e q o d l p c v k q p u " c p f " u w t h c e g " o q f k h e c v k q p u 0 " H w v j g t o q t g . " e q o r w e v k q p c n f u w f k g u " q h j g v g t q i g p g q w u " e c v n f u s u " g z v g p f " d g { q p f " v j g " e c v n f u v " u w t h c e g " v q " e q p u k f g t " k p v g t c e v k q p u " y k j " v j g " u w r r q t v " o c v g t k c n f " y j k e j " e c p " u k i p h k e c p v n f " k o r c e v " e c v n f v l e " d g j c x l q t 0 "

F g u r k s g " v j g " c f x c p e g o g p u . " e j c m g p i g u " t g o c l p " k p " c e e w t c v g n f " u k o w r v k p i " e q o r r e z " e c v n f v l e " g p x k q p o g p u " c p f " u e c n k p i " w " e q o r w e v k q p c n f o q f g n i " v q " e c r w t g " t g e n f y q t r f " t g c e v k q p " e q p f k k q p u 0 " V j k u " r c r g t " t g x k g y u " v j g " c r r h e c v k q p " q h " e q o r w e v k q p c n f e j g o k u t { " v q " j g v g t q i g p g q w u " e c v n f u k u . " j k i j r k i j v k p i " t g e g p v " c e j k e x g o g p u . " q p i q k p i " e j c m g p i g u . " c p f " h w w t g " r g t u r g e v k x g u 0 " D { " r t q x k f k p i " o q r g e w a r t / r e x g n f k p u k i j w " c p f " r t g f k e v k x g " e c r c d k r k k g u . " e q o r w e v k q p c n f e j g o k u t { " e q p v k p w g u " v q " v t c p u h q t o " v j g " f g x g n r o g p v " q h " p g z v i g p g t c v k q p " j g v g t q i g p g q w u " e c v n f u s u . " v n k o c v g n f " f t k x k p i " k p p q x c v k q p u " k p " u w u v k p c d n g " e j g o k e c n f r t q e g u u g u 0 "

**Keywords:** "E q o r w e v k q p c n f E j g o k u t { " J g v g t q i g p g q w u " E c v n f u k u " F g p u k v f " H w p e v k q p c n f V j g q t { " E c v n f u v " F g u k i p " T g c e v k q p " O g e j c p k u o u 0 "

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### FARMING SYSTEM RESEARCH AND EXTENSION SERVICE TRANSFORMATION IN KENYA – A CRITICAL REVIEW

Gideon Chirchir and Nguyen Thanh Binh\*

*Ognqpi "F gnc "F gxgnro gpvTgugctej "kpwkwg. "Ecp"Vj q"Wpkxgt ulk\ . "Xkgyrco "*

*QTEKf "pwo dgt <2222/2224/; 537/77; 2"*

#### ABSTRACT

Ci tlewnwtg'tgo ckpu'c'uki pklcepv'eqpvtkdwqt"vq'Mgp{c\I FR'ceeqwv\pi 'hqt'cdqw'45' 0Ceeqtf kpi "vq'HCQ.'cr r tqzko cvgn\ ": 2' "qh'vj g'Mgp{cp'r qr wv\kqp."vj g'o clqt\k\ 'qh'y j q'tkxg'kp't wt cn'ct gcu."gctpu" vj gk" r\kxgnj qqf" vj tqwi j "ci tlewnwtg." fktgev' hcto kpi "cevkxk\gu." cpf "f khhgtgpv' uci gu" cmppi "vj g" ci tlewnwtcn'xcn\g"ej ckp'O'Mgp{c\ci tlewnwtcn'ugevqt."ulo krc"vq"qvj gt"fgxgnr kpi "eqwv\k\gu."j cu" wpf gti qpg" c" tgo gpf qwu" vcpuhqto cvkqp" qxgt" vj g" {gctu." cmppi ukf g" hcto kpi " u{uygo u' C" eqo r tgi gpukxg"wpf gt uvcpf kpi "cpf "ercuuklec\kqp"qh'f khhgtgpv'hcto kpi "u{uygo u'r r{u'c"ng{ "tqng"kp" eqo kpi "w"y kj "y gm'vcti gvgf "kpxguvo gpv'kpk\cvk\gu"cpf "r qnk\gu"kp't wt cn'ct gcu'O'hcto kpi "u{uygo u" t gugctej "ku'r kxqcn'kp"vj ku'wpf gt uvcpf kpi "cu'k'j gr u'kf gpvkh\ "uwvckpcdr\hcto kpi "r tcevk\gu."r qnk\gu." cpf "r rppkpi . "fgxgnr "pgy "ghgevkxg"vgej pqm\i kgu"cpf "kppqxc\kpu."cpf "dwr\ "hcto gt u\ t guk\kpeg" cpf "ecr cek\ "vq'cf cr v'q'erko cvg"ej cpi g'O'Gz vgpukqp"ugt xleg'ku'vj g'dtkf i g'vq'hkpm'hcto gtu'cpf 't gugctej " kpwkwk\kpu." gpuwt kpi "vj g" gzej cpi g"qh't gugctej "hkf kpi u"cpf "hggf dcen'O'Vq"r tqo qvg"ci tlewnwtcn' f gxgnr o gpv." vj g" Mgp{cp" i qxgt po gpv." y kj "qvj gt" uvcngj qrf gtu" j cu" dggp" r tqxkf kpi "gz vgpukqp" ugt xlegu"cv'f khhgtgpv'rgxgm."vj tqwi j "f khhgtgpv'cr r tqcej gu"vq"dqquv'r tqf wv\k\k\ "cpf "uwvckpcdr\k\ " co qpi uv'Mgp{cp'hcto gt u'O'Vj ku'tgxkgy "r t gugpw"cf gvc\k\gf "qxgt xkgy "qh'j qy "vj g"ci tlewnwtcn'ugevqt" j cu" vcpuhqto gf "kp" Mgp{c." f gvc\k\kpi "vj g" o gwco qtr j quku"qh"gz vgpukqp"cr r tqcej gu." ng{ "r r{gtu." gz vgpukqp"o gvj qf u."ng{ "ej cmppi gu."cpf "vj g'tgi wv\vt { "gp\k\qpo gpv'kp"y j k\j "vj gug"ej cpi gu"j cxg" vcn\p"r rceg'hqo "vj g'3; 22u'vq'vj g'r t gugpv'cpf "vj g'wpf gtn\ kpi "f tkxgtu'O'K'cnuq"j ki j nki j w'vj g'ko r cevu" vj cv'vj g"ci tlewnwtcn'ugevqt"j cu'cej kxgf "cu"c"t guwn'qh'vj gug"vcpuhqto cvk\kpu"cpf "uqo g"qh'vj g"ng{ " vgej pqm\i kcn'kppqxc\kpu'kp"ci tlewnwtcn'gz vgpukqp'O'

**Keywords:** "ci tlewnwtg."gz vgpukqp"ugt xleg."hcto kpi "u{uygo ."vcpuhqto cvkqp""

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MODERN AGRICULTURE AND ITS INNOVATIONS

*N.K Piranesh, P Mahan, M.Muhammad Waseem, Rashid Kumar, Suresh Kumar, Dr.M.Meena*

*F gr ct wo gpv'qihGrgewt qpkcu'cpf 'Eqo o wpkcvkqp'Gpi kpggt kpi "*

*T00MOGpi kpggt kpi 'Eqngi g'.Mxct ckr gwck Vj kt wxcmw 'F kat kev.Vco ki'Pcf w.Kpf kc "*

#### ABSTRACT

"O qf gtp"ci tlewwt'g'j cu'wpgfti qpg"ctcpuhqto cvkxg'uj kv."ftkxgp"d{"cfxcpego gpw'lp"vgej pqm { "cpf " uwuclpcdr" r tcevegu' Vj ku" r cr gt" gzi mt gu" vj g" kppqxcvkpu" tguj cr kpi " vj g" ci tlewwtci' rpf uecr g." kpenf kpi 'rtgekukp'hcto kpi ."dkvgej pqm { ."cpf"uo ctvktki cvkq'u{ ugo u0Rtgekukp'hcto kpi 'wktk' gu'fcv" cpcn' vku'cpf"ucvknkg'ko ci gt {"v'qr vko k'g'etqr {"krf u'cpf"tgfweg'y cuvg."y j krg'dkvgej pqm { "gpj cpegu" etqr "tgukdpeg"cpf "pwtkqpcn'xcnw"vj tqwi j "i gpgve" gpi kpggt kpi 0' Cff kqpcmf. "vj g"kvgi tcvkq"qh' kpgtpgv'qh'Vj kpi u"kv+f gxelegu'hekrkcvu'tgcn'vko g'o qpkqt kpi "qh'uqki'cpf"y gcvj gt'eqpf kqpu."rgcf kpi " vq"o qtg"khqto gf"fgelkqo/o cnkpi 0'Vj g"tqr"qh'uwwclpcdr"r tcevegu."uwej "cu"xgtveci'hcto kpi "cpf" tgi gpgtcvkg"ci tlewwt'g."ku'cnq"gzco kpgf. "j ki j nki j vki "vj gk"r qvkvkn'v"cff tgu"hqf"ugewkv"cpf" gpxltqpo gpvci' eqpegtpu' Wko cvgn. "vj ku" uwf {" wpgtueqtgu" vj g" ko r qt vpeg" qh" go dtcekpi " vj g" kppqxcvkpu"vq"etgev"c"o qtg"ghkkgpv."uwuclpcdr."cpf"tgukdgp'ci tlewwtci'u{ ugo "vj cv'o ggw"vj g" ej cnkpi gu'qh'c'i tqy kpi 'i nkcni' qr wcvkqo'

**Keywords:** "Rtgekukp'Hcto kpi .Dkvgej pqm { .Uwuclpcdr'Rtcevegu.Hqf "Ugewkv{ .Uo ctv'ktki cvkq"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### COMPUTER-AIDED MOLECULAR DESIGNING (CAMD) OF CURCUMIN DERIVATIVES

*Dr.R. Sundhararajan<sup>1</sup>, Mrs.R. Jothilakshmi\*<sup>2</sup>, Mr.S.G. Raman<sup>2</sup>, Mrs.K.Suganya Sri<sup>2</sup>*

*3/Rt kpekr crl/ "Rt qlguuqt.4/"Cuuqekvg'Rt qlguuqt ""*

*Oqj co gf "Ucvj cm'CLEqngi g'qh'Rj cto ce{. 'Ej gppck "Vco kiPcfw."Kpf kc0'*

#### ABSTRACT

Ewte wo kp."c"dlqcevkxg"eqo r qwpf "f gtxgf "ht qo "Ewte wo c"mpic."j cu"i ctpgt gf "uki pkklecpv'cwgpvkp"fwg" vq"ku"cpvkz kf cpv."cpvk'kphrc o o cvqt {."cpf "cpvkcepgt" r tqr gt vku0'J qy gxgt."ku"erikplecn'cr r rdecvkp"ku" rko ksf "d { "r qqt "dlqcxckrdkxk { "cpf "tcr kf "o gvcdqruo 0'Vj g" f gxgnr o gpv'qh'Ewte wo kp" f gtxc vkxgu"y kj " gpj cpegf "r j cto ceqmi kecnicevkxk { "ku"etwelcn'v"qxgteqo g"vj gug'ej cmgpi gu0E qo r wgt/Clf gf "O qrgewrt" F guki plpi " \*ECO F + " r tqxkf gu" c" r qy gthwi'cr r tqcej "vq"qr vko k kpi "Ewte wo kp" f gtxc vkxgu"ht "ko r tqxgf" cpvkz kf cpv'dgj cxkqt0ECO F "kpvgi tcvgu"eqo r wcvkpcn'gej pls wgu'uwej "cu"o qrgewrt "f qenlpi ."o qrgewrt" f { pco leu"uko wcvkpu."cpf "S wcvkcxkxg"Utwewt g/Cevkxk { "T grvkpuj kr " \*S UCT + "o qf gnkpi "vq" r tgf lev" cpf "qr vko k g"vj g'kpvgtcevkp"qh'Ewte wo kp" f gtxc vkxgu"y kj "tgcevkxg"ur gekgu"ht gg'tcf kecn+ "cpf "cpvkz kf cpv" gp { o gu0D { "cmgtkpi "vj g'ej go kecn'ut wewt g'qh'Ewte wo kp."kpenw'kpi "o qf kkecvkpu"vq"vj g'r j gpqrk "tkpi u." eqplwi cvkqp."cpf "hwpevkpcn'i tqwr u."k'ku"r quukdng"vq" f guki p' f gtxc vkxgu"y kj "gpj cpegf "tcf kecn'uecxgpi kpi " ecr cek { 0'Tcf kecn'tgcevkp"uko wcvkpu"vulpi "o gy qf u"rknq" F gpuk { "Hwpevkpcn'Vj gqt { " \*F HV + "cpf "cd" kpkxk { "ecrewcvkpu"cmqy "ht "vj g" gxcnvcvkp"qh"vj g"o gej cpkuo "qh"ht gg"tcf kecn'pgwtcrk { cvkqp." r tqxkf kpi " kuki j v'kpv"vj g'ucdkk { "cpf "tgcevkxk { "qh"vj gug'eqo r qwpf u0Vj ku"eqo r wcvkpcn'cr r tqcej "j gr u'kf gpvk { " ng { "ut wewt cn'hcwgu"vj cv'eqvt kdwg"vq"vj g'cpvkz kf cpv"ghlece { "qh'Ewte wo kp" f gtxc vkxgu."i wkf kpi "vj g" u { pvj guku"qh'eqo r qwpf u'y kj "ko r tqxgf "dlqcevkxk { 0'Qxgtcm'ECO F "tgr t gupv" c" r tqo kukpi "ut cvgi { "ht" f guki plpi " pqxgn' Ewte wo kp/dcugf " o qrgewgu" y kj " r qvppv" cpvkz kf cpv" r tqr gt vku" ht " vj gtr gwke" cr r rdecvkpu"kp"qz kf cvkxg"ut guu/t grcvgf "f kugcugu0'

**Keywords:** " Ewte wo kp." Eqo r wgt/Clf gf " O qrgewrt" F guki plpi " \*ECO F + " cpvkz kf cpv." tcf kecn' uecxgpi kpi ." f gtxc vkxgu."o qrgewrt "f qenlpi ."S UCT"o qf gnkpi "



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### BRIDGING THE DIGITAL DIVIDE IN HIGHER EDUCATION: EVALUATING DIGITAL LITERACY DEVELOPMENT AMONG STUDENTS AND FACULTY FOR ENHANCED ACADEMIC OUTCOMES AND INSTITUTIONAL RESILIENCE

**Julius Ademola OYEWOLE**

*F gr ctvo gpv'qhlGpi rkj . 'Wpkxgt ukf 'qhl'Kgu. 'Kgu. 'Quwp'Ucv. 'Pki gt k "*  
*QTEK <222; /2223; /965/4667"*

**Akeem Abimbola DAUDA**

*F gr ctvo gpv'qhlCt w'cpf "Uqekcn'Uekpeg'Gf wecvkp. 'Wpkxgt ukf 'qhl'Kgu. 'Kgu. 'Quwp'Ucv. 'Pki gt k "*

**Opeyemi Isaac FASIPE**

*F gr ctvo gpv'qhlRqrk'kecn'Uekpeg. 'Wpkxgt ukf 'qhl'Kgu. 'Kgu. 'Quwp'Ucv. 'Pki gt k "*

#### ABSTRACT

Vj ku"uwf { "kpxguvi cvgu"vj g" f ki kcn' rskgtce { "rcpf uecr g"kp" j ki j gt "gf wecvkp. "hqwukpi "qp"vj g"i tqy kpi " vgej pqmki kcn' eqo r gvpe { " i cr " co qpi " uwf gpw" cpf " hcewn { " vj cv" vj tgcvgpu" gf wecvkpcn' gsvk { " cpf " kpuvkwkqpcn' ghgevkxgpguu'Vj g"t gugctej "cf ft guugu"vj g" etklecn'pggf "vq" wpf gt uvcpf "cpf" dtkf i g" f ki kcn' f kur ct kkgu" kp" cecf go le" ugwkpi u." r ctvewctn { " cu" j ki j gt " gf wecvkp" kpetgculpi n { " tgrkgu" qp" f ki kcn' vgej pqmki kgu" hqt "vgej kpi "cpf" rctpkpi OF gur kvg'uki phlecpv'kpxguvo gpw'kp" vgej pqmki kcn' lphctwewt g." j ki j gt "gf wecvkp" kpuvkwkqpu" utwi i ng" vq" gpuwt g" eqpukvgpv' f ki kcn' rskgtce { " f gxgnr o gpv" cetquu" vj gk " cecf go le" eqo o wpkkgu. r qvgpvkcn { " eqo r tqo kulpi "gf wecvkpcn's wcrk { "cpf" uwf gpv'uweguu'Vj g" i tqy kpi " f ki kcn' f kxf " vj tgcvgpu" vq" gzcegtdcvg" gzkvki " gf wecvkpcn' kpgs wcrkkgu" cpf " j co r gt " kpuvkwkqpcn' t gukkgpeg'Vj g"t gugctej "go r m { u'c' o kzgf /o gvj qf u'cr r tqcej "eqo dlpki "s wcpvkcvkxg'lwtxg { u'qhl'uwf gpw" cpf " hcewn { " o go dgtu" cetquu" f kxgtug" f kuer rkpgu" y kj " s wcrkcvkxg" kpvgtxkgy u" qh'ng { " uvcngj qrf gt u'Vj g" o gvj qf qmki { " gpego r cuugu" f ki kcn' eqo r gvpe { " cuuguo gpw. " r gthqt o cpeg" cpcn { vku. " cpf " kpuvkwkqpcn' r qrle { " cpcn { uku" cetquu" o wkr ng" j ki j gt " gf wecvkp" kpuvkwkqpu. " gzco klpki " dqj " vgej plecn' unkm " cpf " eqi pkxg'cdk'rkkgu" t grvgt "vq" f ki kcn' lphqt o cvkp" r tqeguulpi OVj g' hpf kpi u' t gxgnr' luki phlecpv' xctkcvkp" kp" f ki kcn' rskgtce { " hgxgn' co qpi " dqj " uwf gpw' cpf " hcewn { " cetquu" f kht gpv' f kuer rkpgu' Vj g' uwf { " guvcdkuj gu" c" utqpi " eqttgrcvkp" dgy ggp" f ki kcn' rskgtce { " hgxgn' cpf " cecf go le" r gthqt o cpeg. " kf gpvkh { kpi " etklecn' i cr u" kp" vgej pqmki kcn' eqo r gvpe { " vj cv' chge' vgej kpi " ghgevkxgpguu" cpf " rctpkpi " qweqo gu' Vj g" t gugctej " wpeqxtu' r cvgtpu" kp" f ki kcn' rskgtce { " f gxgnr o gpv' cpf " vj gk " ko r cev' qp" cecf go le" uweguu' Vj g' ug' hpf kpi u" eqpvtdwv " vj " vj g" f gxgnr o gpv' qh' gxf gpeg/ dcugf " r qrlekgu" hqt " f ki kcn' rskgtce { " gpj cpego gpv' kp" j ki j gt " gf wecvkp. " uwi i gukpi " c" j qruke " cr r tqcej " vq" vgej pqmki kcn' kpvgi tcvkp' Vj g' uwf { " kf gpvkh { kgu" ghgevkxg' kpuvkwkqpcn' utcvgi kgu. " kpenf kpi " r ggt/ o gpv' t kpi " r tqi tco u. " vti gvgt " hcewn { " f gxgnr o gpv. " cpf " kpvgi tcvgt " f ki kcn' rskgtce { " hco gy qt mu' Vj g" t gugctej " r tqxkf gu" r tcevecn' tgeqo o gpf cvkqpu" hqt " kpuvkwkqpcn' r qrle { " o cngtu" cpf " gf wecvqtu" y j kvg" j ki j rki j vki " vj g" ko r qtvcpeg" qh' eqpvkpwqwu" f ki kcn' rskgtce { " f gxgnr o gpv' hqt " cecf go le" uweguu' cpf " kpuvkwkqpcn' t gukkgpeg' "

**Keywords:** "cecf go le" r gthqt o cpeg. " f ki kcn' eqo r gvpe { . " gf wecvkpcn' vgej pqmki { . " kpuvkwkqpcn' r qrle { . " rskgtce { " cuuguo gpv' "

"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DYNAMIC CONSTRUCTION OF DIGITAL FILTER COEFFICIENTS FOR IMAGE ENCRYPTION

Dr. Zineb Bouchra MADOURI<sup>1</sup>, Pr. Adda ALI-PACHA<sup>2</sup>, M.A. Abderrahmene HADJBRAHIM<sup>3</sup>

<sup>3,4,5</sup>Ncdqtcvqt {"qhEgf kpi "cpf "Ugewtkf "qhlKpht o cvkqp. "Wpkxgt ukf "qhlUekgpegu"cpf "Vgej pqqi {"qhQt cp" Oqi co gf "Dqwf khlCri gtlc"

<sup>3</sup>"QTEK <j wruAlqt ekf Qti l222/2225/22; 7/2757"

"

#### ABSTRACT

Kpvi tcvpi "c"fi kcnhkngt "y kj "c"pqrikgct "qxt hny "hpevkp"ecp"lpf weg"ej cvle"dgj cxkqt. "c"r j gpqo gpqp "vj cv"j cu" cwtcevfg "eqpukf gtdrg" kpvgt guv" f wg" vq" ku" r qvgrvkn" vq" gpj cpeg" f cv" ugewtkf 0" Vtcf kklqpcn" vgej plk wgu"ht "ko r tqxkpi "vj g"ugewtkf "qh"et { r vqu{ uvgo u"dcugf "qp"ej cvle"fi kcnhkngtu"i gpgtcmf "hqewu" qp"lpet gcukpi "vj g"qtf gt "qh"vj g"hngt "pwo dgt "qh"eqghlekpvu"qt "ecuecf kpi "o wnlr ng"hngtu"lp"ugs wpeg"vq" lpet gcug"eqo r ngzkf 0Kp"eqpvcuv. "vj ku"r cr gt "r tqr qugu"c"pqxgrlvgej plk wg"vj cvf { pco kcmf "i gpgtcvgu"hngt" eqghlekpvu"vukpi "c"ej cvle"ugs wpeg0Ur gekkcmf. "vj g"cr r tqcej "gpdrgu"gej "r kz gn"qh"cp"ko ci g"vq"dg" gpet { r vgf "y kj "f kvlpev"eqghlekpvu. "ghgevkgnf "et gcvpi "c"wpk wg"hngt "ht "gcej "gpet { r vq"qr gtcvkqp0" Vj ku" f { pco le"cf cr cvkqp"pqv"qpnf "lpet gcugu"vj g" wpr tgf levcdkrkf "qh"vj g" gpet { r vq"r tqegu"dw"cnq" uki phlecpvf "gpj cpegu" tgukvpeg" vq" et { r vqi tcr j le" cwcemu0 Vj g" r tqr qugf "u{ uvgo "ngxgtci gu" vj gug" f { pco kcmf "i gpgtcvfg" ej cvle" hngtu" ht "ko ci g" gpet { r vq"p0 Ego r tgj gpukxg" cpcn ugu" j cxg" dggp" eqpf wevgf. "f go qpvtcvpi "vj g"u{ uvgo }j ki j "ugewtkf "cpf "tgrkdkrkf 0

**Keywords:** Ej cvle. "F cv"ugewtkf. "Hngt"eqghlekpvu. "Et { r vqi tcr j { "qxgthny "hpevkp. "ko ci g" gpet { r vq"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### REPURPOSED EFFECTS OF MINOCYCLINE ON MEMORY RESTORATION AND COGNITIVE ENHANCEMENT: A DOSE-DEPENDENT STUDY"

*Huma Ikram\*, Mahwish Iftikhar, Darakhshan J. Haleem*

*P gwt qej go kwt { "cpf "Dkqej go kecn'P gwt qr j cto ceqmi { "Tgugctej "Wpk: "F gr ctwo gpv'qH'Dkqej go kwt { ."  
Wpkxgtuk { "qH'Mctcej k "Mctcej k97492. "Rcnkncp"*

#### ABSTRACT

O kqce {enkpg "ku" cp" cpvdkqve" f twi " dgmipi u" vq" vj g" vgtce {enkpg" hco kn {0' Tgegpv' t gugctej " j cu" uj qy p" o kqce {enkpgau" r qvvpvkn' vq" ko r tqxg" eqi pkskg" hwpvknq. "pqvcdn { "kp" vgt o u" qh" o go qt { "cpf "eqi pkskg" r tqhng. "ukpeg" k'r quuguu" vj g" cdksk { "vq" etquu' vj g" dmqf / dtclp" dcttkgt0' Vj g' tqng" qh' o kqce {enkpg" j cu" dggp" tgr wtr qugf "cu" ku" cdksk { "cu" hct" dg { qpf "cp" cpvdkqve0' K' j cu" uj qy p" vj g' r qvvpvkn' vq" eqpvtkdwg" vq" xctkquu" pgwtqr cvj qr j { ukqmi kecn' eqpf kskpu" cpf " ku" pgwtqr j cto ceqmi kecn' dgpghku" eqwf" gzvgpf " vq" o cp { " f kuqt f gtu' hng" Cn j glo gt. "Rctmkuqp. "cpzkgv { "cpf "F gr t gukqp0' K' vj g' twf { . "o kqce {enkpg" y cu' cf o kpkvgtgf " cv' xct { kpi "f qugu" \*32o i lni . "42o i lni . "cpf "52o i lni + "kp" o crg" Cndkq" Y kvgt "tcw00 go qt { "gpj cpego gpv" y cu' vguvf "vj tqwi j "pqxgn' qdlgevt' geqi pkskq" cpf "vj g" O qttku' y cvgt "o c| g0Gngxcvgf "r nu" o c| g. "hki j v fctm' dqz. "cpf "hqt egf "uy ko "vguu" y gt g" wugf "vq" o qpsqt "cpzkn { vq" r tqr gt vku0' P gwt qej go kecn' ej cpi gu" y gt g" cpcn { ugf "d { "J RNE/GE0' Vj g" f qug/ f gr gpv' r cvgt pu" y gt g" gxkf gpv. "y kj "vj g" o gf kw" o "f qug" \*42" o i + " uj qy kpi "pqvcdng" o go qt { "gpj cpego gpv" cpf "t gf wegf "cpzkgv { 0' P gwt qvtcpuo kvgt "o qf wrcvqp" cetquu' dtclp" tgi kqpu' kpf kecvf "o kqce {enkpgau' uki pklcepv' ko r cev' qp' pgwt qej go kwt { . "gpeqwtci kpi "hwt vj gt "gzt r mtcvkq" hqt "pgwtqvj gtr gwle" cr r necvku pu0' T guwuu' kpf kecvf "r qvvpvkn' eqpvtkdwg" qh' o kqce {enkpg" vq" vj g" o go qt { " cpf "eqi pkskq0' K' qr gpu" c" y kpf qy "hqt" vj g" hwt vj gt " vj gtr gwle" cr r tqcej "hqt" vgc vki " o cp { "qh" vj g" pgwt qmi kecn' f kugcugu0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### PROTECTIVE EFFECT OF *NIGELLA SATIVA* ON THE REPRODUCTIVE SYSTEM OF MONOSODIUM GLUTAMATE – CHALLENGED MALE WISTAR RATS

*Rabiu Musa Isah*

*Fgrctw gpv'qhlJ wo cp'Rj {ukqrqi { 'Hcewn' 'qhl'Dcuke' o gf kecn'Uekpegu. 'Dc {gt q'Wpkxgt uk' 'Mcpq. " Pki gt kc.*

*QTEK 'KF <j wr u-1qt ekf Qti 1222; /2226/7859/; 494*

*Nafisa Yusuf Wali"*

*Fgrctw gpv'qhlJ wo cp'Rj {ukqrqi { 'Hcewn' 'qhl'Dcuke' o gf kecn'Uekpegu. 'Dc {gt q'Wpkxgt uk' 'Mcpq. " Pki gt kc."*

#### ABSTRACT "

**Background:** O qpquqf kwo "i nwco cvg" O UI "ku'qpg'qh'v'j g'o quv'y kf gn' "wugf "hqqf "cf f kxgu'v'j cv'o ki j v' rfcf "vq" kphgt vkw' "kp" o crg' Rt gxkquw' uwf kgu' guwdrkuj gf "v'j cv' Pki gmc "ucvxc " \*P U+ "gz tcev' r tqxkf gu' cpvkz kf vlxg' cpf "e {vqr tqvexkg' ghgevo"

**Aim:** Vj ku'uwf { "kpxguvki cvgf "v'j g'o crg' tgr tqf wevkg'u { uvg'o "r qvwpvknr' tqvexkg' ghgevo' qh' Pki gmc "ucvxc " Uggf " \*P U+ "cs wqquw' gz tcev' qp' o qpquqf kwo "i nwco cvg/ "ej cmgpi gf "o crg' Y knct 'tcw' "

**Methods:** Vy gpv' /hkg' o crg' Y knct 'tcv' y gt g' tcpf qo n' "f kxf gf "kp" v' "hkg" \*7+ "i tqwr u' qh' hkg' tcw' gcej' O' Eqptqnl' tqwr "tgegkxgf "pqt o cnf kgn' qh' hqqf "cpf "y cvgt. "Gzr gt ko gpvni' Eqptqnl' tgegkxgf "342o i lmi "dqf { "y gli j v' O UI ". "Gzr gt ko gpvni' tqwr "3" tgegkxgf "342o i lmi "dqf { "y gli j v' O UI " - "72o i lmi "P U+ "cs wqquw' gz tcev'. "Gzr gt ko gpvni' tqwr "4" tgegkxgf "342o i lmi "dqf { "y gli j v' O UI " - "322o i lmi "P U+ "cs wqquw' gz tcev' cpf "Gzr gt ko gpvni' tqwr "5" tgegkxgf "342o i lmi "O UI " - "422o i lmi "P U+ "cs wqquw' gz tcev' Vj g' uwf { "y cu' hqt "c" r g' tkqf "qh' 57" f c { u' Vj g' tcw' y gt g' cpcguv' gw' gf "y kj "ej m' tqh' qto "d { "kpj cn' v' kq' Vj g' dm' qf "uco r ng' y cu' eqmgevgf "d { "ectf lce" r wpewt g' Vj g' Vqcn' Dqf { "Y gli j v' \*VDY +. "I qpcf quqo cvk' kpf gz " \*I UK. " Vguvquvgt qpg' r' gxgn' cpf "Ugo gp' r' ctco gvtu' y gt g' gxcn' cvgf 0"

**Results** < "Vj gt g' y cu' pq" uki p' h' ec' p' v' f' h' h' t' g' p' e' g' "kp" v' j g' "VDY " c' p' f' "I UK" qh' "tcv' dgw' ggp' "v' j g' eqptqnl' c' p' f' "gzr gt ko gpvni' tqwr u' r' "2027-0" Vj gt g' y cu' uki p' h' ec' p' v' f' get gcug' kp' v' guvquvgt qpg' c' p' f' "ur gt o "r' ctco gvtu' kp' "v' j g' "gzr gt ko gpvni' eqptqnl' tqwr "y j gp' eqo r' ctgf "y kj "pqt o cn' eqptqnl' tqwr "r' > "2027-0" ch' g' t' cf' o' k' p' k' u' t' c' v' k' p' "qh' 342o i lmi "O UI " Ocf o' k' p' k' u' t' c' v' k' p' "qh' P U+ "cs wqquw' gz tcev' v' f' h' h' t' g' p' v' f' qugu' uki p' h' ec' p' v' f' "k' p' e' t' gcug' "v' j g' " r' gxgn' qh' v' guvquvgt qpg' c' p' f' "v' qcn' ur gt o "r' ctco gvtu' kp' "cn' l' gzr gt ko gpvni' tqwr u' eqo r' ctgf "y kj "gzr gt ko gpvni' eqptqnl' tqwr "r' > "2027-0"

**Conclusion:** Qtcn' cf' o' k' p' k' u' t' c' v' k' p' "qh' O UI " k' p' f' wegf "o' crg' tgr tqf wevkg' u { uvg'o "v' qz' l' kv' { "y j lej "r' tqvexkg' "d { "qtcn' cf' o' k' p' k' u' t' c' v' k' p' "qh' P U+ "cs wqquw' gz tcev' kp' "o' crg' Y knct 'tcw' Vj g' gh' t' g' "equwo r' v' k' p' "qh' j' k' j' "f' qug' O UI "o' wu' dg' "cxqkf gf "d' gecwug' kw' "o' c { "ecwug' f' co' ci' g' kp' "o' crg' tgr tqf wevkg' qti' cpu' c' p' f' "k' p' e' qtr' q' t' c' v' k' p' "qh' P U+ "v' j g' r' tqe' guug' "h' g' g' f' "eqwf "r' t' gx' gp' v' j g' e { "v' q' v' z' k' e' "gh' ge' u' qh' O UI " 0"

**Key words:** O qpquqf kwo "I nwco cvg. "Pki gmc "ucvxc" Uggf. "I qpcf quqo cvk' kpf gz. "Vguvquvgt qpg. "Ur gt o " eqwv"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### IDENTIFICATION OF PATHOGENIC VARIANTS RESPONSIBLE FOR CHARCOT MARIE TOOTH DISEASE IN PAKISTANI PATIENTS BY WHOLE EXOME SEQUENCING ANALYSIS

*Sumaira Kanwal*

*Fgrctwo gpv'qhlDkquekpegu.'EQOUCVU'Wpkxgtukf.'Krcocdcf.'Uejky cniEco rwa.'Rcnkxcp''*

*Shazia Perveen''*

*Fgrctwo gpv'qhl\ qqqi {.'yj g'Y qo gp'Wpkxgtukf'O wncp.'RcnkxcpO'*

"

#### ABSTRACT

Ej cteqv'O ctkg'Vqqvj 'F kugcug'ku'qpg'qh'yj g'o quv'eqo o qp'j gvtqi gpgqwu'kpj gtlvgf 'P gwtqr cvj { " Eqpucpi wlpkx' r r {u'c'o clqt'tqng'lp'v'cpuo kulkp'qh'yj g'F kugcug'co qpi 'hco krgu0Rcnkxcp'ku'qpg'qh'yj g' f g'xgnr lpi " pcvkqpu" y j gt g" eqpucpi wlpqgwu" o cttkci gu" ctg" o qtg" eqo o qpO' k" ewtgpv' uwf { " 7" eqpucpi wlpqgwu'EO V'Chgevgf'y gt g'ugrgevgf'v'k'hp'f'yj g'Rcvj qi gple'Xctkcpw'ht'EO V'f kugcugO' Kv'y cu'hqwpf'yj cv'6'qw'qh'7'hco krgu'y gt g'uwht'kpi 'htqo 'EO V'v'r g'6Y g'hqwpf'o kugpug'o wcvkqpu'kp" RTZ.'HI F6.'P CI NW"cpf'UDH30'D{ "Y j qng'Gzqo g'Ugs wgpelki "Cpen'uku0Rcvj qi gple'xctkcpw'y gt g' ugrgevgf "qp'yj g'dcuku'qh'xctkqwu'r ctco gvtu"\*O CH+."d{ "wulpi "xctkqwu'qprkpg'f'cvdcugu\*3222'I gpqo g' Dtqy ugt.'I gpqo g'CF.'GUR+""cpf'qprkpg'kpkdeq'cpen'uku'v'qni'v'k'hp'f'yj g'r cvj qi gplekx{ 'qh'yj g'Xctkcpw\*' r qn'r j gp4.'UKHV-0Vj ku'uwf { 'uwi i guv'yj cv"eqpucpi wlpqgwu'o cttkci gu'r r {u'c'etkklcrltqng'lp'v'r g'6'EO V0' Vj ku'uwf { 'ecp'dg'j gr hwlht'htvj gt'cpen'uku'cpf'lp'hwwt'g'y knr r { 'c'etkklcrltqng'lp'r gtuqpcrk'gf'o gf'lekgO' **Keywords:**'EO V'F kugcug.'Y j qng'Gzqo g'Ugs wgpelki '\*Y GU0P gwtqr cvj {O'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SEROLOGICAL AND HISTOPATHOLOGY ASSESSMENT OF 2-(THIOPHEN-2-YL) BENZOTHAZOLE ON THE ROTENONE-INDUCED PARKINSON'S RAT MODEL

Sumaira Kanwal<sup>1</sup>, Shazia Perveen<sup>2</sup>

<sup>3</sup>F gr ctwo gpv'qhl'Dkquekpegu."Eqo ucw'Wpkxgt uk'Kuro cdcf."Uj ky cri"Eco rwi"

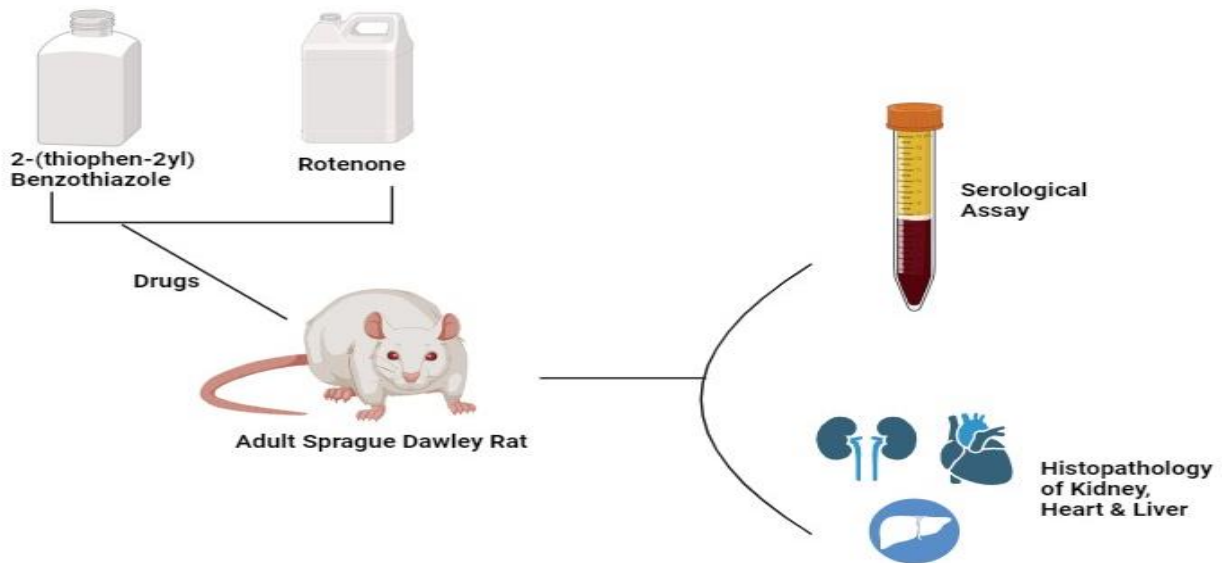
QTEK 2222/2225/3; : : /2: 43"

<sup>4</sup>F gr ctwo gpv'qhl\ qqmji {."Vj g'Y qo gp'Wpkxgt uk'Onwcp."Rcnkucp0"

#### ABSTRACT

Rctnkupq)u'f kugcug"RF +ku"i mdcml'hhj' t'cpngf "f kugcug"vj cv'cee'wpw'ht' t'qwi j n' "70/5" "qh'cmf' gc'v' u" i mdcml'0Vj g'ewt'gpv'uwf { "ku'dcugf"qp'cuuguo gpv'qh'r qv'p'v'cl'qh'4/\*j kqr j gp/4/ {n'Dgp| qv' k| qrg'cu'c" vt'g'c'w' gpv' hq' "Rctnkupq)u' f kugcug" ecwugf "d { "t'q'v'p'p'g'0' Vj g' v' kqr j gp" i t'q'w' "j cu' d'ggp" uwe'gu'hw' { " f'q'ewo' gp'v'f "kp'x'ct'k'w'u'r w'd'k'ec'v'k'p'u'cu'cp'g'h'g'ev'k'g'ci gpv'kp'v'j g't'g'c'w' gpv'qh'eqi p'k'k'g'c'p'f "n'eqo' q'v'q' { " f'k'q'f' g't'u." v'j w'u'r q'k'k'g't'g'c'w' gpv'q'w'eqo' gu'y g't'g'z'r' g'ev'f'0'T'q'v'p'p'g'ku'c "Rctnkupq)u' f kugcug'k'p'f' w'el'pi " ej go' k'ec'n'v'j cv'y g'w'ug'f'0'C'f' w'U'r' t'ci' w'g'F' cy' n'g' { "t'c'u'y' g't'g'w'ug'f' "cu'z'r' g't'k'o' g'p'v'cl'c'p'k'o' c'u'0'V'j' g't'c'u'y' g't'g' i' k'x'gp' "c" eq'p'x'g'p'v'k'p'c'n' t'c'v' t'g'i' k'o' gp' "c'p'f" "y' cv'g't" "cf" "rk'k'w'o." "y' k'j" "v'j' g' "c't'w'k'ec'n' r'k'i' j' v'k'p'i "c'p'f" "ur' g'ek'h'g'f" "v'g'o' r' g't'c'w't'g'0'T'c'v'R'w' u'y' g't'g'ug'r' c't'c'v'f' "t'q'o" "o' q'v'j' g't'c'p'f' "n'g'r' v'j' go' "k'p'ug'r' c't'c'v'g'j' q'w'k'p'i' 0'V'j' g'c'f' w'w'h'g'o' c'ng' "U'r' t'ci' w'g'F' cy' n'g' { "t'c'u'y' g't'g'ur' r'k'k'p'v'q' "h'q'w' "i' t'q'w' u'c'v'p'k'p'g'y' g'g'm'i'q'h'c'i' g'0'I' t'q'w' "3" eq'p'uk'ug'f' "q'h'c'eq'p'v'q'n' i' t'q'w' "u'w'p'h'q'y' g't'q'k'n'." "I' t'q'w' "4"q'h'y' q/\*j kqr j gp/4/ {n'4.5'f'k'j {f't'q'd'g'p| qv' k| qrg." "I' t'q'w' "5"q'h't'q'v'p'p'g." c'p'f" "I' t'q'w' "6"q'h'y' q/\*j kqr j gp/4/ {n'4.5'f'k'j {f't'q'd'g'p| qv' k| qrg"- "T'q'v'p'p'g'0'G'cej" "i' t'q'w' "q'h'uk'z' "t'c'u'y' cu' k'p'en'f' g'f' "k'p'v'j' g'u'w'f' {0'V'j' g't'g'u'w'w'y' j' k'ej" "y' g't'g'z'c'o' k'p'g'f' "h't'w'w'f' "d { "v'j' g'ug't'q'm'i' k'ec'n'r' c't'c'o' g'v'g't'u'c'p'f' "v'j' gp' v'j' t'q'w'i' j' "j' k'v'q'r' c'v'j' q'm'i' { "q'h'"n'k'f' p'g'f' "uj' q'y' g'f' "v'j' c'v'v'j' g't'q'v'p'p'g' "u'w'r' t'k'k'p'i' n' "r' t'q'v'g'eu'v'j' g'w't'g'c" "c'p'f' "ug't'w'o" " et'g'c'v'k'p'k'g'ng'x'g'm'i'y' k'j' "h'k'w'g'ej' c'p'i' g'k'p'o' q't'r' j' q'm'i' { "y' j' g't'g'c'u'v'j' g't'g'y' cu'p'q'g'h'g'ev'k'p'ec'ug'q'h'rk'x'g't' "c'v'i' k'x'gp' " f'q'ug'0'V'j' g'ug't'q'm'i' k'ec'n'c'p'f' "j' k'v'q'r' c'v'j' q'm'i' k'ec'n't'g'u'w'w' "q'h'y' g'j' g'c't'v'k'u'w'g' "uj' q'y' "v'j' c'v't'q'v'p'p'g' "t'c'k'ug'f' "v'j' g' x'c'w'g'u'q'h'y' g'ej' q'ng'v'g't'q'n'c'p'f' "t'k'i' n'eg't'k'f' g'c'p'f' "c'u'q'ec'w'ug'v'j' g'g'f' go' c'k'p'o" { "q'h'd't'k'u'eg'm'k'p'j' g'c't'v'0"

#### GRAPHICAL ABSTRACT



**Key Words:** Rctnkupq)u'f kugcug."Dgp| qv' k| qrg."T'q'v'p'p'g."P' g'w't'q'f' g'i' g'p'g't'c'v'k'g'."F' q'r' c'o' k'p'g." " J' k'v'q'r' c'v'j' q'm'i' { "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

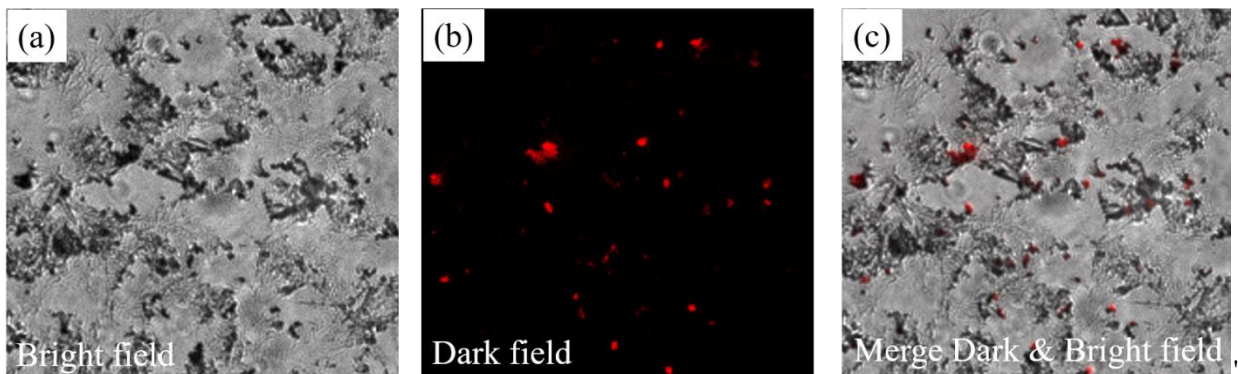
#### NANOMATERIALS CONTAINING RARE EARTH IONS AND APPLICATIONS

Tran Kim Anh and Le Quoc Minh

Xkypco "Cecf go { "qh"Uekpeg"cpf "Vgej pqrqi { .: "J qcpi "S wqe"Xkgv."Pi j kc "Fq."Ecw"l kc { . "J c "P qk" Xkypco "

#### ABSTRACT

P cpqo cvgtknu"eqpvcklpi "tctg"getvj "TG+lqpu"gt<sup>5-</sup>. [ d<sup>5-</sup> "cpf "cr r rdecvkpu"r qvqpvkn"kp"o gf lecn'y kn'dg" r t gupvfg 0"TG"lqpu"y gt g"qr gf "kp"uqo g"j quv"uwej "cu" [ 4Q<sub>5</sub>. "I f 4Q<sub>5</sub>0P c [ H<sub>6</sub><u { pyj guku. "ut wewt g"uwf { . " nwo kpguegpv'r tqr gt vku"y gt g" f gwckl"uwf kgu"0"Wr eqpxgtukqp"nwo kpguegpeg"cpf "rkhg"vko g"y gt g"r t gupvfg 0" Wr eqpxgtvki "pcpqo cvgtknu"ht "dklko ci kpi "d { "y g"tctg"getvj "lqpu"ctg"y gnhpqy p" "vq"r tqf weg"lphctgf " vq"xlukdng"i tggp"qt "tgf" "d { "c"y q"r j qvqp"qh'o gej cpluo "f kuewuugf 0"Vj g"wr eqpxgtukqp"r tqeguugu"kp"tctg" getvj "lqpu"gzj kkl'c"utqpi "r qy gt "f gr gpf gpeg"qp"gzekcvkqp"lqvpukv { "qh"; 97"po "f kqf "rugt 0Cp"cf xcpvc i g" qhgtgf "d { "y g" "y q"r j qvqp"gzekgf 0"Y g"ecp" wug" c"ny "r qy gt "eqpvkwqu"y cxg" f kqf g"rugt "gzekgf 0" P cpqo gf lekpg"ku"cp"go gti kpi "hgrf" "Gt/ [ d" f qr gf" [ 4Q<sub>5</sub>. "I f 4Q<sub>5</sub>"qt "P c [ H<sub>6</sub>"pcpqr ct vengucpf "pcpqr j gt gu" y j lej "cuduqt f" lphctgf "rki j v'd { "o wnkuvr "o wnk r j qvqp"cdutr vkp"vq"r tqf weg"wr eqpxgtukqp"kp"i tggp"qt " tgf "r tqxf g" qr r qt wplv { "hqt" dcemi tqwfp "ht gg"dklko ci kpi "cpf" f gr gt "r gpgt cvkqp"kp"egmi" cpf "vkuwgu" Hdtkcvkqp"dkq/pcpq" \*Gt. [ d<sup>5-</sup> <I f 4Q<sub>5</sub>"r tqdg"ht "f gvgto klpki "Vwo qt"uwo "egmiP VGTC/4"y cu"uwf kfg 0"



Qr vkn'o ketqueqr { "lo ci gu"qh" \*Gt. [ d<sup>5-</sup> <I f 4Q<sub>5</sub>/o Cd` EF 355/P VGTC/4"egmi"chgt "lpedcvkqp"cv"59"qE" hqt "c+Dtk j v"hgfr . "d+F ctmhgrf . "cpf "e+O gti gf "dtk j v"cpf "f ctmhgrf "

**Keywords:** "P cpqo cvgtknu. "Tctg"getvj "lqpu. "Cr r rdecvkqp"Rqvqpvkn "P VGTC"4"

**Acknowledgement:** "Cwj qtu"ctg"y cpmhwi"v"y g" "P CHQUVGF "325025042420: "qh"Xkypco "

**III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE**

**CAUSES OF GAP BETWEEN ONSET AGE AND DIAGNOSIS AGE IN EPILEPSY PATIENTS OF PAKISTANI POPULATION**

*Sumaira Kanwal<sup>1</sup>, Shazia Perveen<sup>2</sup>, Dr Shahzad Tahir Chaudhry<sup>3</sup>*

*F g r c t w g p v / q h / D k q u e k g p e g u . ' E Q O U C V U W p l x g t u k f . ' K a r c o c d c f . ' U e j k y c n ' E c o r w u ' R e n k a c p "*

*F g r c t w g p v / q h \ q q r q i { . ' V j g ' Y q o g p ' W p l x g t u k f ' O w a c p . " O c v k e n ' E c o r w u ' R e n k a c p "*

*R t k o c t { ' R u f e j k e v t l e ' c p f ' C f f k e v k q p ' t g c w g p v ' E g p v g t . ' U d j / g / P c q ' J q u r k e n ' U e j k y c n ' R e n k a c p O '*

**ABSTRACT**

Gr kgr u{ "ku"ppg"qh"vj" g"o quv"eqo o qp"ppq"tcpuo kuudng"P gwt qm i lecn"eqpf kskp""  
Ceewugf" d { "t gewtt gpv"ugk wt g"qt "kpj gt kgf "rcvqtu. "d { "gctn { "F lci pquku"vj g"ugxgt kv{ "qh"vj g" F kugcug"ecp"dg"  
o kpo k gf OVj g"mly "cpf" o k f f r g" kpeqo g"eqwpt kgu" NO KE +eqo r ctgf "q"vj g" j k j "kpeqo g"eqwpt kgu" J KE +  
ctg"rcvktpi "j k j "kpek ppeg"tcvgu"uq. "gctn { "F lci pquku"r rc { u" c"et kkecni"tqng"v"ko r tqxg"vj g" S wrkv{ "qh"rkhg"  
co qpi "Gr kgr u{ "r cvkpvu"OJ qy gxgt. "F grc { gf "F lci pquku"j cu"ugxgt"cn" T gcup" k p "Rcniucpvk"gr kgr v k e "r cvkpvu" O  
Uki o cvk cvkp"ku"ppg"qh"vj" g"tqqv"ecwug"qh"wpf gtn { kpi "Hcevqtu"qh" f grc { gf "Ecwugf" O' k p "E wtt gpv" Uwx { "  
S wguvkppckt g" Dcugf "Ucvkucnecni" Cpcn { uku"y gt g"eqpf wewf "Co qpi "Gr kgr u{ "r cvkpvu"vq" hkp" "vj g"ecwugu"qh"  
rcv" F lci pquku" Mpqy rgi g"cdqw"vj g"pwo dgt "qh"r gqr rgy kj "gr kgr u{ "ku"guugpvkcn" hqt "vj g" kf gpv" k k e c v k p "  
qh" pggf u" cpf "vj g" r rcpplpi "qh" cr r tqr tkvg" ugt xlegu" Uwej "ucvku"ku" y qwf "dg" wughwi" vq" ci gpeku" e"  
cuuqekvgf "y kj "r rcpplpi "hqt" "vj g" r tqxkukqp"qh" j gcnj "cpf" "j gcnj "tgrvgf "ugt xlegu" uwej "cu"eqpvkpvkpi "  
vj gtr { O' k p "E wtt gpv" uwx { "xctkqu" hcevqtu" y gt g"uwx k f "vj cvy gt g" tur qpukdn" hqt "F grc { gf "F lci pquku" y j k e j "  
ecwugf "f grc { gf "Vtgcw gpv" Cpf "wko cvgn { "gpj cpeg"vj g"ugxgt kv{ "qh"vj g" F kugcug" O' Cmj qwi j "Gr kgr u{ "ku"  
Vtgcw dng" F kugcug" dw" Hcevqtu" kpenm { kpi "Uqekni"kuwgu. "rcni"qh" Cy ct gpguu" r qxgt v{ "rcni"qh" Hcckukgu" o cmg"  
vj g" F kugcug" uq" o wej "eqo r rlecvgf "v"qxgteqo g" uwej "r tqdng" "S wrkv{ "qh"rkhg"qh"r cvkpvu"ecp"dg"ko r tqxgf ""  
cpf "geqpqo l e "dwt f gp" qh" r qqt "Eqwpt kgu"ecp"dg" f getgcugf O' Uq"kv"y kni" o cmg"vj g"wy q"y c { "dgwgo gpv" hqt "  
vj g" Uqelgv { " " " " " " cpf "gxgpwcm { "y qtrf y kf g

**ABSTRACT BOOK**



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ANALYSIS OF ENERGY GENERATION PERFORMANCE IN GRAVITATIONAL VORTEX TURBINES WITH DIFFERENT TANK DESIGNS

*Alejandro Ruiz Sánchez<sup>1</sup>, Adrian Martinez Perez<sup>1</sup>, Jorge Andrés Sierra Del Rio<sup>2</sup>*

*<sup>3</sup>F gr ctwo gpv'qhl'O gej cvt qpkcu'Gpi kpggt kpi . 'T gugct ej 'I tqwr "ó'O CV{GT. "Kpukwq "Vgepqm»i keq"  
O gv qr qrkcpq. "O gf gmf. "Eqrqo dkc "'*

*<sup>4</sup>F gr ctwo gpv'qhl'O gej cpkccn'Gpi kpggt kpi . 'Rcuwcn'Dt cxq "Wpkxgt ukx "Kpukwqkp00 gf gmf. "Cpvkqs wk." "Eqrqo dkc0'*

"

#### ABSTRACT

Vj g'f go cpf "hqt" grgevtlecn'gpsti { "j cu'dggp'uvwcf kq "kpet gcukpi "qxgt "vj g" { gctu. "cpf "k'ku'vj g't gur qpukdkkx{ "qh'i qxgt po gpw'vq "gpw'g'vj cv'cm'eqo o wpkku'y kj kp "vj g"vgttkqt { "j cxg"ceegu"vq"r qy gt'Qpg'qh'vj g" tguwtegu'wugf "vq"o gg'vj ku'f go cpf "ku'tgpgy cdng'gpsti { . 'ur gekhlecni' 'uo cmj { ftqgrgevtle'r rcpw'UJ Ru+0' Vj gug'r rcpw' qh'ht "geqpqo le" dgpghku" f wq" vq" vj gk "gcug" qh' kpuvcv'kqp" cpf "o ckpvpcpeg. "cu'y gni'cu" gp'xltqpo gpvcn'cf xcpvi gu'dgecwug'qh'vj gk "m'y "i cu'go kuukpu0'Ergcp"gpsti { "uqmwkqpu. "uwej "cu'UJ Ru. " ecp"j gr "gzv'pf" grgevtlekv{ "vq"tgo qvq"ctgcuc'pqv'eqppgevgf "vq" vj g"o ckp"r qy gt "i tkf. "npqy p"cu'pqp/ kpvteqppgevgf" qpgu" \*P K u+ "vj g'gd { "r tqxkf kpi "vj gug'tgi kpu'y kj "guugpv'kcn'gpsti { "ceegu0Co qpi "vj g" f k'ht gpv'v' r gu'qh'UJ Ru. "vj g"i t'cxkc'kpcn'Xqt vgz "Vwtdkpg" \*I XV+"ku" c"r tqo kuki "qr v'kq" vj cv'ecp" dg" cf lwugf "vq" g'kj gt "kpet gcug'qt "f get gcug'grgevtlecn' qy gt "i gp'gtcv'kqp" vj tqwi j "vj g'qr vko k'cvkqp'qh'ku'f guki p. " r ct'vewctn' "vj g'i gqo gt { "qh'vj g'wtdkpg0'

Kp"vgo u'qh'f guki p. "vj g'uj cr g'qh'vj g"vcpm'r r { u" c"etwekn'tqng"kp" vj g" wtdkpgu" r gthqt o cpeg0'Rt g'xkqu" uwf kgu"j cxg'f go qpwtcv'gf "vj cv'c"eqplecn'vcpm'f guki p" { kgrf u'dgwt "tguw'u'kp"vgo u'qh'xqt vgz "xgrmekv{ "cpf " qxgtcm'gh'elgpe { "y j gp'eqo r ctgf "vq" c"e { kpf tlecn'vcpm'0Vj ku'uwf { "cko u'vq"cpnci | g'vy q'v' r gu'qh'I XVu. " gcej "y kj "c" f k'ht gpv'vcpm'f guki p0 qpg"t gugo drkpi "c"j { ftq"e { em'pg"cpf "vj g"qy gt "hgcwtkpi "c"eqpxgz" vcpm'uj cr g0'Vj g"i qcn'ku"vq" gxcn'cv'g"cpf "eqo r ctg" vj g"gpsti { "i gp'gtcv'kqp" r gthqt o cpeg'qh'dqvj "f guki pu. " r tqxkf kpi "kuki j w'kvq" y j lej "eqphki w'cv'kqp" qh'ht u' uw' g'kqt "gh'elgpe { "hqt" j ctpgu'kpi "j { ftq'kpg'le" gpsti { 0'

"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EVALUATION OF WATER VELOCITY AND COMPARISON OF THEORETICAL MODELS IN THE GRAVITATIONAL VORTEX TURBINE USING COMPUTATIONAL FLUID DYNAMICS

*Alejandro Ruiz Sánchez<sup>1</sup>, Adrian Martinez Perez<sup>1</sup>, Jorge Andrés Sierra Del Rio<sup>2</sup>*

*<sup>3</sup>F gr ct wo gpv'qhlO gej cwt qpkul'Gpi kpggt kpi . 'T gugct ej 'I tqwr "ó'O CV{GT. "Kpukwq"Vgepqm i keq"  
O gt qr qrkcpq. "O gf grtff. "Eqno dkc "'*

*<sup>4</sup>F gr ct wo gpv'qhlO gej cplecn'Gpi kpggt kpi . 'Rcucwcn'Dt cxq'Wpkxgt ukul' "Kpukwq"0O gf grtff. "Cpvkqs wkc."  
Eqno dkc0'*

#### ABSTRACT

Vj g'I tckxckvqpcn'Xqtvgz "Vwtdkpg"i XV+'ku'cp'kppqxcvkg'tgpgy cdng'gpgti { "vej pqm i { "vj cv'eqpukuu'qh' c"ej co dgt "cpf "c"tqvqt0'Wprkng"eqpxgpv'kqpcn'j { f tqr qy gt "u' uvgu u" vj cv'tgn' "qp" f co u. "vj g" I XV" wngu" cf xcpwi g"qh' vj g"pcwcn'ewtt gpw'lp"tkxgtu. "o cnkpi "k'c"o qt g"gp'k'qpo gpvcn' "ltkpf n' "qr v'kq0'K'cnuq" eqpvt'kdwgu'v'q'y cvgt "qz { i gpcv'kq. "y j lej 'd'gpg'k'u'cs wv'le"gequ { uvgu u0F gur k'g'ku'r tqo kulpi 'hgcwt gu. "vj g" I XV"l'cegu" c"uki p'k'lecpv'ej cmgpi g<'ku'my "j { f t'wile"gh'lekgpe { 0'Vj ku'uwf { "cko u'v'q" gxcn'cv'g' vj g"y cvgt " xgn'ekv' { "cv'v'j g"eqplecn'q'wrgv'qh'c" I XV" wulpi "eqo r wv'kqpcn'hwk' "f { pco leu" \*EHF + "lp" vj g'eqo o gtekn' uko wv'kqpu" uqhy ctg" CP Uj Uj "X3; 0' Cf f k'kqpcn' . "vj g'uwf { "eqo r ctgu" vj g"v'pi gpv'cn' xgn'ekv' { "r tqh'kgu" qdv'kpgf "ltqo "vj g" EHF "uko wv'kqpu" y kj "vj g" vj g'gt g'v'lecn' o qf gr' r tqr qugf "d { "Xcv'kuc 0'Vj g" uko wv'kqpu" y gt g'eqpf vewgf "vpf gt "eqpu'cpv'qr gtc'v'pi "eqpf k'kqpu. "y kj "vj g" DUN'GCTO U'wtdwrgpeg" o qf gr' r r' r'kgf " kp'c" t'cpukgpv'ucv'g0'

Vj g"t guwuu" t'gxgn' c"79' " f'k'et gr cpe { "dgy ggp" vj g" EHF " o qf gr' cpf " vj g" Xcv'kuc " vj g'gt g'v'lecn' o qf gr' J qy g'xgt. "dqj " o qf gnu" g'zj k'k' uko k'rt " v'gp' u' cpf " d'gj c'xkqt. "y j lej " uwi i guu" vj cv' y j k'rg" vj g'pwo g'lecn' uko wv'kqpu" o c { " f'k'htg" ltqo " vj g" vj g'gt g'v'lecn' r t'gf k'v'kqpu. " vj g" q'xg'cm' r cwgt'pu" qh' h'ny " cpf " xgn'ekv' { " ctg" eqo r ctcdng'0' Hwt vj gto qt g. " vj g'uwf { "cnuq" e'c'w'v'v'gu' vj g' vj g'gt g'v'lecn' r qy gt "qwr w' h'qt " dqj " o qf gnu. " h'kp' k'pi " c'7: ' " f'k'htg' p'eg' d'gy ggp' vj go 0'Vj ku' f'k'et gr cpe { " e'cp' r tko ct'k' { " dg'c'w'k'dw'gf " v'q' vj g' f'k'htg' gpv' g'qo g'v'lecn' eqph'ki v'c'v'kqpu" wugf "kp" g'cej " o qf gr' 0'Vj g' w'v'kqpu" u' i g'qo g'v' { . " r ct'v'w'c'rt' n' " kp' vj g' f'k'uej c'ti g" | q'pg. " r r'c { u'c" et'w'ekn' t'qrg" "kp" f' g'v'gt o k'p'k'pi " vj g" h'k'pcn' y cvgt " xgn'ekv' { . " y j lej " kp" w'p' c'h'geu" vj g' q'xg'cm' g'h'lekgpe { " cpf " r g'htqto c'peg' qh' vj g' w'v'kqpu" 0'Qr v'ko k' k'pi " vj g' i g'qo g'v' { " kp' vj ku' t'gi k'q'p' eqw'f " r q'v'g'p'v'c'm' { " ko r t'q'x'g' vj g' I XV'au" j { f t'wile" gh'lekgpe { " cpf " q'xg'cm' g'h'ge'v'k'g'p'guu' cu'c' t'g'p'gy cdng' gpgti { " u'q'w'k'q'p'0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### APPLICATION OF ARTIFICIAL INTELLIGENCE IN CIVIL ENGINEERING AND ARCHITECTURE"

*Payam Tarighi, Ali Akbari*

*Gpi kpggt kpi "Hcewmf."Cj nwlDc{v'kpvgt pc vkpcn'Wpkkgtukf. 'Vgj t cp. "Kcp0'*

#### ABSTRACT"

Ct vhlcln'kpvgnki gpeg"\*CK"ku"vcpuhqto kpi "ekxkl'gpi kpggt kpi "cpf"ctej kgewtg"d{"qr vlo k kpi "f guki p." r rppkpi ."cpf" r tqlgev"o cpci go gpv" r tqeguugu'0' kpi "ekxkl'gpi kpggt kpi ."CK"gpj cpegu"utwewtcl'f guki p." t guqwt eg'uej gf wtkpi ."cpf"eqpwt wvklp"ukg'rc{ qw."rcf kpi "v"o qt g"ghlclgpv'cpf"lppqxcvkg'uqnwkqpu0CK' vgej pqmki kgu'r r {"c"etwcln'tqrg"lp"utwewtcl'j gcnj "o qpkqt kpi ."gpcdkpi "t gen'vlo g'f co ci g'f lci pquku." eqttqkqp" f gvgeklp." cpf " cdpqto crk{ " f gvgeklp'0' kpi " r tqlgev" o cpci go gpv."CK"ko r tqxgu" uej gf wtkpi " ceewtce{"t guqwt eg"cmqecvklp."tkum'cuuguuo gpv."cpf"ugewtk{"o cpci go gpv."gpj cpeklpi "qxgtcm'r tqlgev" ghlclgpe{0'kpi"ctej kgewtg."CK'hclclkc'v"i gpgtcvkg'f guki p"cpf"htqo "hklf kpi ."cmqy kpi "ctej kgeu"v" gzr nqt g'pwo gt qwu'f guki p"cnqtpcvkgu's wlem{ "cpf"equv'ghgevkgn{0CKf tkxgp"gpqi {"ghlclgpe{"cpcn{uku" r tqo qvgu'uwvklpcdrn"dwkrf kpi "r tcevegu."y j krg"CKr qy gt gf "XT"cpf "CT"vgej pqmki kgu'qhhgt"ko o gtukg" f guki p"xkwrkl'cvklp"cpf"ucnqj qrf gt"eqmcdqtcvklp'0'Vj g"kvgi tcvklp"qh'CK'y kj "Dwklf kpi "kphqto cvklp" O qf grkpi "\*DKO+"gpj cpegu" kphqto cvklp"gzvceklp"cpf"fgelukqp/o cmlpi ."uwr r qt vki "xctkqwu" r tqlgev" uci gu'htqo "f guki p"v"o clpvpcpego'F gur kg'yj g'dgpgkhu."ej cmqpi gu'uwej "cu'f cv'f gr gpf gpeg."gzr gt vkg" tgs vkt go gpw."gvj kcln'eqpukf gtcvklpu."cpf"fcv"ugewtk{"o wuv' dg"cf f tguugf'0' Uqnwkqpu" kpenwf g'f cv' eqmcdqtcvklp"cpf"vclklpi "kpkkc'vkgu"v"qxgteqo g'yj gug'ej cmqpi gu'0'Vj g'eqpvkpwgf"cf xcpago gpv'qh'CK' j qif u" ko o gpug" r qvgpvcln' hqt" tgvqnwkqpk kpi "ekxkl'gpi kpggt kpi "cpf"ctej kgewtg." r tqo qvki "o qt g" uwvklpcdrn."ghlclgpv."cpf"lppqxcvkg'r tqlgeu'0"

**Keywords:** Ct vhlcln'kpvgnki gpeg"\*CK."F guki p"Qr vlo k kpi "f guki p."Ut wewtcl'j gcnj "O qpkqt kpi ."

I gpgtcvkg'F guki p."Cwi o gpvgf "T gcrk{"\*CT+."Dwklf kpi "kphqto cvklp"O qf grkpi "\*DKO +

"  
"  
"  
"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ROLE OF FLOWER-BASED ESSENTIAL OILS IN THE GLOBAL FRAGRANCE INDUSTRY

Ali Ahmad

QTEK <222; /222; /77; 8/72; Z"

Kpukwng'qHJ qt vkwmt cn'Ukgpegu. 'Wpkxgt uk' qh'Ci t kwmmt g. 'Hckucrcdf. 'Rcnkucp"

Tasawar Iqbal

QTEK <2222/2224/7: 76/; 28; "

Kpukwng'qH'Rj { ukqrqi { "cpf 'Rj cto ceqrqi { . 'Wpkxgt uk' qh'Ci t kwmmt g. 'Hckucrcdf. 'Rcnkucp'"

#### ABSTRACT

Vj g'i mdcn'ltci tcepg'lpf wut { "j cu"gzr gt kpepg "uwduvpcn'ni tqy vj "qxtg 'tgegpv'f gecf gu. 'rci gn' f'lkxgp'd { "equpuwo gt 'f go cpf 'hqt 'pcwtcn'cpf "uwuclpcdn'lp' tgf kgpw'0Hny gt/dcugf "guugpvkn'qkn'j cxg'go gti gf "cu ng' 'lp' tgf kgpw'f wg'v'j gk 'ctqo c'le 'tlej pgu. 'vj gter gwle'r tqr gt vku. 'cpf 'pcwtcn'qtki kpu'0F g'kxgf 'Htqo "Hny gtu'wej 'cu'tqug. 'lcoo kpg. 'rxgpf gt. " { rpi / { rpi . 'cpf 'ej co qo krg. 'vj gug'guugpvkn'qkn'qH'gt 'f kxgtug' Hci tcepg'r tqH'gu'cpf "j qn' "uwduvpcn' o ctngv'xcnw'lp" r gthwo gt { . " r gtuqpcn'ectg. 'cpf "ctqo cvj gter { " r tqf weu'0Vj ku'r cr gt "gzr mt gu" vj g' tqrng' qh' Hny gt/dcugf "guugpvkn'qkn' y kj lp" vj g' Hci tcepg'lpf wut { . " gzc'co klp' vj gk " r tqf wev'qp" r tqeguugu. " qH'cevt { " ej ctcevt k'ueu. " cpf " wps wg" eqpv'kdw'kpu" vq" uegpv' eqo r quk'kpu'0Wp'kn'g'u' p'j g'le 'Hci tcepgu. 'Hny gt/dcugf "guugpvkn'qkn'qH'gt 'f k'k'ev'geq'ni kecn'dgpg'k'u" cpf "ctg'qH'gp"cu'qek'v'f "y kj "vj gter gwle"cr r d'ec'v'kpu. 'uwr r qt vki "equpuwo gt " r tghgt gpegu'hqt "y gnp'guu/ qt k'p'v'f 'r tqf weu'0Cf f k'k'q'pcn'f . "guugpvkn'qkn' r tqf wev'qp'ku'h'p'ng'f 'v'q'uwuclpcdn'ci t kwmmt g. 'y kj 'ugx'gt'cn' Hny gt "H'cto u'cf q'v'ki "geq/H'k'p'f n' "r tce'v'geu"v'q" o gg'v'i mdcn'f go cpf u'0J qy g'x'gt. "ej cng'pi gu"lp'rci g/ uecg" r tqf wev'qp. "ugcuq'pcn' xct'k'v'kpu. " cpf " vj g" rcd'qt /k'p'v'puk'xg" pcwt'g' qh' Hny gt " j c'x'g'v'k'pi " r t'g'ug'pv' uecn'd'k'v'f "cpf "r t'leg'ucd'k'v'f "rko k'c'v'k'pu'0P g'x'gt vj g'ng'uu. "vj g'eq'v'k'p'wg'f "r t'ghgt g'p'eg'hqt "H'q'cn'uegp'u"cpf " pcwt'cn'lp' tgf kgpw'j cu'ur wt'gf "k'p'p'q'x'c'v'k'p'lp"gz'v'c'v'k'p'v'gej p'k'w'gu. "g'pu'w'k'pi "c'ug'cf { "uwr r n' "ej c'k'p'hqt" j ki /s'w'k'v'f "guugpvkn'qkn'0Cu'equpuwo gt "t'gp'f u'uj k'w'v'qy c'tf u'g'v'j kecn'cpf "pcwt'cn'r tqf weu. 'Hny gt/dcugf " guugpvkn'qkn'ct'g'gzr ge'v'f "v'q'r r { "cp'k'p'et'g'c'v'k'p' n' "x'k'cn'lt'qng. "qH'gt k'pi "vj g' Hci tcepg'lpf wut { "qr r qt w'p'k'k'gu" hqt "f k'k'gt g'p'v'k'v'q'p"cpf "o gg'v'ki "equpuwo gt "gzr ge'v'k'p'u" hqt "c'w'j g'p'v'k'v'f "cpf "uwuclpcdn'0Vj tq'w'j "cp" k'p'f gr vj "c'pcn'f uku. "vj ku'uw'f { "j ki j rki j v'v'j g'ge'q'p'qo k'c'p'f "e'w'w'c'cn'ko r ce'v'qH' Hny gt/f g'k'x'gf "guugpvkn'qkn' cpf "u'w'i g'uu'r cvj y c { u'hqt "uwuclpcdn'f g'x'g'nr o g'p'v'k'p'v'j g' Hci tcepg'uge'v'qt'0

**Keywords:** " Hny gt/dcugf " guugpvkn' qkn=" Hci tcepg' lpf wut {=" Uwuclpcdn' lp' tgf kgpw=" P cwt'cn' r gthwo gt {="Ctqo cvj gter {="Equpuwo gt "t'gp'f u"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EMPOWERING AFGHAN WOMEN THROUGH ECONOMIC PARTICIPATION

Zahra Sahil and Anisa Faizi

*f g r c t v o g p v' q h' y q o g p' u' i w f k g u. " C j m d c { v' l p v g t p c v k q p c n' W p k x g t u k v' . " K c p "*

#### ABSTRACT

Y q o g p' g p' t g r t g p g w t u. " i k x g p' v' j g k' t q r g' l p' u q e l g v' . " e c p' d g' e q p u k f g t g f " c' e g p' t c n' l' c z' k u' h q t " v' j g' r' t q i t g u u' c p f " f g x g n r o g p v' q h' c' e q w p t { 0' V j g' r g x g r i' q h' r c t v l e k r c v k q p' q h' y q o g p' g p' t g r t g p g w t u' l p' g e q p q o l e' c e v k x k k g u' e t g c v g u' c' h q w p f c v k q p' h q t' p c v k q p c n' f g x g n r o g p v' 0' V j g t g h q t g. ' k' l u' g u g p v k e n' v q' g u v c d r k u j' h t c o g y q t m u' h q t' u g r h' c y c t g p g u u. " i w k f g' v' j g' g e q p q o l e' c p f " u q e k n' e c r c d k r k k g u' q h' y q o g p. " c p f " r n e p' v q' g p i c i g' v' j g o " l p' x c t k q w u' c e v k x k k g u' Y q o g p' d g c t " c' u k i p k h e c p v' i t g c v g t " t g u r q p u k d k r k v' " v' j c p' o g p' l p' j q w u g j q r f " g e q p q o l g u' c p f " f q o g u l e' c e v k x k k g u. " e q p v t k d w k p i " v' j g' r' t q u r g t k v' " c p f " u q e k n' i c f x c p e g o g p w' q h' v' j g' e q o o w p k f { 0' J q y g x g t. " y q o g p' u k n' i' j c x g' p q v' c v e k p g f " v' j g k' t k i j v h w i' u v e w u' c p f " r q u k k q p' l p' v' j g' o c l q t k v' " q h' e q w p t k g u. " r c t v l e w r t n' " l p' w p f g t f g x g n r g f " p c v k q p u' i n g' C h i j c p k u c p. " c u' c e v k x g' e k k g p u' g p f q y g f " y k j " v' j g' v c r g p u' c p f " c d k r k k g u' v q " r c t v l e k r c v g' l p' g e q p q o l e. " u q e k n' r q i k l e c n' c p f " e w n w t c n l u r j g t g u' 0' H w t v j g t o q t g. " y q o g p' u' c e v k x k k g u' c t g' q h w g p' q x g t m q n g f " l p' g e q p q o l e' e c r e w r c v k q p u. " c p f " v' j g { " c t g' t g h g t g f " v q " c u' c p' l p x k k d n g' n e d q t " h q t e g' 0' V j g' f k u j g c t v g p l p i " g u k o c v g u' q h' v' j g' p w o d g t " q h' c e v k x g' y q o g p' c p f " v' j g' u k i p k h e c p v' i n y " c u u g u o g p v' q h' y q o g p' u' r c t v l e k r c v k q p' l p' g e q p q o l e' c e v k x k k g u' u g t x g' c u' c' e q p h t o c v k q p' q h' v' j g' k p u w h l e k g p v' c w g p v k q p' i k x g p' v' q' y q o g p' u' k u u w g u' c p f " v' j g k' c f f g f " x c n w g. " y j l e j " k u' c' r' t g t g s w k u k g' h q t " v' j g' f g x g n r o g p v' q h' q w t' e q w p t { 0'

**Keywords:** "Y q o g p. " R c t v l e k r c v k q p. " G p v' t g r t g p g w t u j k r. " G o r m { o g p v. " G e q p q o { 0'

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## PSYCHOPATHOLOGY OF SPOUSES IN FAMILY VIOLENCE

*dr Ljiljana Simonović Grujić, Natalija Jovanović*

*Dgri tcf g. "Udke"*

*RX"/"Kvko cvg"Rct vpgt "Xkqpeg"*

### ABSTRACT

**Introduction/Aim.** P wo gtqwu'tgugctej gu"qp"vj g"utwewt g"qh"lco kkgu"y kj "Kvko cvg"r ctvpgt "Xkqpeg" \*RX+"kpf lecvg"vj g"eqppgevkp"dgvy ggp"lco kqf "xkqpeg"cpf "vj g"r t gugpeg"qh"ur qwug"r ufej qrcv qmji {0 Vj g"clo "qh"vj g"t gugctej "y cu"vq"fgvgt o kpg"vj g"r t gugpeg"qh"r ufej qrcv qmji {"kpf"ur wugu"lt qo "lco kkgu" y kj "xkqpeg."y j lej "y cu"tgr qt vgf "cpf"r t qeguugf "kq"qh"lekcrlkpuwkwkpu0Vj g"ur gekle"i qrcv qmji g"t gugctej " y cu"vq"fgvgt o kpg"vj g"eqpugs wpegu"qh"vj ku"utwewt g"qh"r ctgpw"qp"vj g"pggf u"qh"cf qrguegpw"lt qo "vj gug" lco kkgu"vq"uggnr tqhgukqpcnr ufej qmji lecn"cpf "r ufej kvtk"j gr 0

**Methods.** "Vj g"t gugctej "y cu"eqpf wevgf "qp"376"lco kkgu"qh"cf qrguegpw."ci gf "37"o"3: ."f kklf gf "kpf"vy q" uwduco r ngu"lktuv"cf qrguegpv"lco kkgu"\*p"? "56+"y kj "tgr qt vgf "cpf"r t qeguugf "xkqpeg"cpf"cf qrguegpv" lco kkgu"\*eqpt qnli tqwr "p"? "342+"kpf"y j lej "ceeqtf kpi "vq"vj g"ERTU/T"S wguvkppck g"vj gt g"y cu"pqv"lqwpf" cpf "hqt o "qh" xkqpeg." creaj qruo "qt" cpf "qvj gt" r ufej quqekcn" r cvj qmji {0 S wguvkppck g" hqt "vj g" Gzco kpevkp"qh"Ru{ej quqekcnEj ctcevgt kvku"qh"vj g"l qwj "cpf"lco kqf "t gxkugf."ERTU/T+"y gt g"vugf "hqt" kf gpvkh{ kpi "ur gekleu"qh"r ufej quqekcnhwevkp kpi 0Vj g"fcv"y gt g"r t qeguugf "d{"wukpi "f guetkr vkxg"lvcvku" cpf "kpgct"t gi t guukp"cpn{ uku0"

**Results.** Vj g"t guwmu"qh"vj g"t gugctej "uj qy gf" c" uki pklcepv" eqttgrcvkq" dgvy ggp"vj g"r t gugpegu"qh" r ufej qrcv qmji lecn"l kuqtf gtu"kp"ur wugu"lt qo "lco kkgu"y kj "RX."kpf"tgrcvkq"vq"vj g"utwewt g"qh"ur wugu" lt qo "vj g"eqpt qnli tqwr."hwevkpcnr"lco kkgu. Kp"vj g"r t guqpcrkv{"utwewt g"qh"lcvj gtu"lt qo "RX"lco kkgu." 4707" "j cf" uqo g" r ufej qrcv qmji lecn" f kuqtf gt" kf gpvkhgf "< dlr qmct" r t guqpcrkv{" f kuqtf gt." cpvkuqekcn" r t guqpcrkv{" f kuqtf gt." creaj qn"cpf "qvj gt"cf f lcvkpu."go qvqpcnr{ ut gi wcvkq. "ko r wukkv{ 0Cnuq."uqo g" hqt o "qh"etko kpcn"dgj cxkqt"y cu"kf gpvkhgf "kpf": 0 "qh"lcvj gtu"lt qo "RX"lco kkgu0kpf"70 "qh"y qo gp"lt qo " RX"lco kkgu."vj g"lqmqy kpi "y gt g"kf gpvkhgf "< j ki j "f gi tgg"qh"gr t guukp."cpzkgv{."r j qdku."r quwtcwo ckle" ut guu"l kuqtf gt."uwelk cn"dgj cxkqt." creaj qn"pleqvkg"cpf"qvj gt"v{r gu"qh"cf f lcvkq0Vj g"t guwmu"qh"vj g"t kpgct" t gi t guukp"cpn{ uku"uj qy gf "c"uki pklcepv"\* "Ö23+"eqppgevkp"dgvy ggp"lco kqf "xkqpeg"cpf "vj g"r t gugpeg" qh"vj g"r ufej qrcv qmji lecn"utwewt g"qh"o crg"ur qwug"\* ?"/6: ; +0Vj g"eqpugs wpegu"qh"vj g"r t gugpeg"qh" r ctgpvnr" r ufej qrcv qmji {"kpf"lco kkgu" y kj "RX" y gt g"eqttgrcvgf" y kj "r ufej qmji lecn" f khlwvku" kpf" hwevkp kpi "507" "qh"cf qrguegpw."vj g"pggf "hqt" r ufej qmji lecn"j gr "kpf"430 " "cpf" c"r ufej kvtkv"kp"; 6" 0

**Conclusion.** Vj g"utwewt g"qh"ur wugu."lcvj gtu"cpf" o qvj gtu."lt qo "lco kkgu"y kj "RX"y cu"uki pklcepv{" o qt g"tgrcvgf "vq"r ufej qrcv qmji lecn"l kuqtf gtu"cpf"etko kpcrkv{."eqo r ctgf "vq"vj g"utwewt g"qh"r ctgpw"qh" cf qrguegpw"lt qo "hwevkpcnr"lco kkgu."gur gekm{"y kj "o crg"lcvj gtu0Ru{ej qrcv qmji lecn"l kuqtf gtu"qh"vj g" r ctgpvnr" utwewt g" y gt g" uki pklcepv{" tgrcvgf "vq"vj g"r ufej qmji lecn" hwevkp kpi "qh"cf qrguegpw"lt qo " lco kkgu"y kj "RX0"

**Key words:** kvko cvg"r ctvpgt "xkqpeg."utwewt cn"l kuqtf gtu"qh"vj g"ur qwug."r ufej qmji lecn" hwevkp kpi "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### INVESTIGATION OF HISTONE DEACETYLASE (HDAC)INHIBITORS AS POTENTIAL ANTIVIRALS BASED ON MOLECULAR DOCKING, PHARMACOKINETICS/TOXICITY STUDIES, AND MOLECULAR DYNAMICS

*Farid Elbamtari, Etibaria Belghalia, Mhamed Elbouhi, M'barek Choukrad, Abdelouahid Sbai, Khalid Elkamel, Mohammed Bouachrine, and Tahar Lakhelifia*

*, "O qrgewrt 'Ej go km { 'cpf 'Pcwt crl'Uwduwpegu'rcdqt cvqt { . 'Hcewn { 'qhl'Uekpeg. 'O qwr { 'Kio chl' Wpkxgt uk { 'qhl'O gnpgu. 'O qt qeeq0'"*

#### ABSTRACT

Vj g" \ knæ" xktwu" dgrmpu u" vq" vj g" hrcxkktwu" hco knf . "y j lej " kpenmf gu" ugxgtcrn' o clqt" xktwugu" y kj " ukpi ng/ utcpf gf "TP C" cpf "r qukkxg/ugpug" TP C0Qpg" qh'vj gug" xktwugu" ku" vj g" \ knæ" xktwu. "y j lej " ku" vtcpuo kwgf "vq" j wo cpu" d { "o qus vkkq" xgevqtu0 \ KMX" lphgevkqp" ku" wuwcmf "cu { o r vqo cvle. "dw" k'ecp" cnuq" ecwug" o kf "hw/ rknq" kmpguugu" qt "ugt kqu" u { o r vqo u. "r qukpi "c" ugt kqu" vj tgc v" vq" j wo cp" j gcnj 0Ugxgtcrn' uwf lgu" j cxg'uj qy p" vj cv'j kuvppg' f gcegv { r u g' 8" \*J F CE8+ løj kdkqtu" j cxg" cpvkkctcrn' ghgewu" qp" \ knæ" xktwu0Y g' vj gt ghqt g' r t gugpv" j gt g" c" j ki j n' "ugrgevkg" J F CE8" løj kdkqt. "L49: 42. "y j lej . "dcugf" qp" vj gug' uwf lgu. "uj qy u" vj cv'j ku" uo cm' o qrgewrg' ku" ghgevkxg" ci ckpuv' vj g" \ knæ" xktwu0

**Keywords** " <J F CE8" løj kdkqt. " \ KMX" lphgevkqp. "gr kf go le. "xceekpg. " \ knæ" xktwu"

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#### 4-PHENOXYPYRIDINE DERIVATIVES CONTAINING IMIDAZOLE -4- CARBOXAMIDE AND 1,2,4- TRIAZOLE -3- CARBOXAMIDE MOIETIES AS POWERFUL ANTITUMOR AGENTS. QSAR STUDIES

*Etibaria BELGHALIA, Salma EL BAH, Mohamed OUABANE, Abdelouahid SBAI, Tahar LAKHLIFI and Mohammed BOUACHRINE*

#### ABSTRACT

Ecpegt "ku"vj g"tguwv"qh"vj g"wpqvtqmgf "r tqikhtcvkqp"qh"wo qt "egm0F wg"vq"vj gk"lpj kdkqt { "ghge"v"qp" ecpegt "egm. "eqo r qwpf u"qh"vj g"6/"r j gpqz { r { tkf kpg" f gtxcvkxgu"j cxg"dggp"vj g"uwdlge"v"qh"c"4F/S UCT" uwf { "vj cv"gzgewgu"c"tgrcvkpuj k "dgy ggp"vj g"cpkwo qt "cevkxkku"cpf "xctkqu" f guetk vqtu0Vj g"o clk" o gyj qf u"qh" eqo r qppv" cpcn{uku" REC" cpf " o wmk rg" kpgct" tgi tguukqp" O NT" y gtg" wugf" vq" r tqxkf g" r tgf kvxg" ecr cdkk{ " o qf gnu0 Vj g" dguv" o qf gn' y cu" gxcnvcgf" d{ " f gvt o kpkpi " vj g" f gvt o kpcvqp" eqghkelpv"R<sup>2</sup>? '209. 'etquw/xcrkf cvkqp"eqghkelpv"Q<sup>2</sup>? '204. 'cpf "vj g"gz vgt pcn'xcrkf cvkqp"R<sup>2</sup><sub>test</sub>? '20 20Vj g" cr r rcdckk{ " f qo clk" qh" vj ku" o qf gn' y cu" r gthto gf" d{ " wukpi " vj g" \$y kko u\$ " r mv" vq" f gvt o kpg" vj g" eqo r qwpf u"dgmpkpi kpi "vq"vj ku"hgtrf 0'

**Keywords:** 'S UCT=REC=O NT=Rj gpqz { r { tkf kpg=cpkwo qt0'



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#### THE EFFECT OF FOOD PROCESSING ON THEIR SAFETY AND QUALITY

Nasrin Karami<sup>1\*</sup>, Shahryar Ahmadi<sup>2</sup>, Yasamin Banitorof<sup>3</sup>

<sup>3</sup> Uwf gpv' Tgugctej "Eqo o kwgg." F gr ctwo gpv' qh' Hqqf "Uelgpeg" cpf "Vgej pqmji {." Uej qqn' qh' Pwt kkkp" Uelgpegu" cpf "Hqqf "Vgej pqmji {." Mgt o cpuj cj "Wpkxgt ukf" qh' O gf kecn' Uelgpegu. "Mgt o cpuj cj." "Kcp"

<sup>4</sup> F gr ctwo gpv' qh' Pwt kkkp cn' Uelgpegu. "Uej qqn' qh' Cnkf" O gf kecn' Uelgpegu. "Cj xc/ Lpf kuj cr wt "Wpkxgt ukf" qh' O gf kecn' Uelgpegu. "Cj xc/." "Kcp"

<sup>5</sup> Ej co tcp' Wpkxgt ukf. "Hcewnf" qh' Xgvt kpct { "O gf kekg." F gr ctwo gpv' qh' Hqqf "J {i kpgg." "Cj xc/." "Kcp"

#### ABSTRACT

Rctcukle "kphgucvqp" kp f qo guke "tghki gtcvqtu" r t g u g p w u " c " u w d u c p v k e n ' j c l c t f " v q " y g m / d g k p i " q h " e q p u w o g t u O ' R c t c u k g u " q h ' f h h g t g p v ' n k p f u " k p e n f k p i " I k e t f k c . " E t { r v q u r q t k f k w o . " c p f " V q z q r n e u c . " e c p " h q w k u j " k p " e q n f " g p x k t q p o g p w u r k n g " t g h k i g t c v q t u " c p f " k p h g e v ' h q q f . " r q u k p i " r q v g p v k e n ' j g e n j " t k u m i " v q " e q p u w o g t u O ' I c l p k p i " n p q y r g f i g " c d q w ' v j g " q t k i k p u " c p f " v g e j p l s w g u " q h ' o c p c i k p i " r c t c u k l e " e q p w o k p c v k a p " k u " g u g p v k e n ' h q t " r t q v g e v k p i " r w d i k e " j g e n j " O ' V q " g h g e v k x g n f " e q p v t q n ' r c t c u k l e " e q p w o k p c v k a p " k p " j q w u g j q r f " t g h k i g t c v q t u . " k ' k u " p g e g u a c t { " v q " t g i w a r t n f " e n g c p " c p f " f k u k p h g e v ' v j g " k p v g t k a t " q h ' v j g " t g h k i g t c v q t . " u a q t g " h q q f " k g o u " r t q r g t n f . " c p f " o c l p c k p " c r r t q r t k e v g " v g o r g t e w t g " u g w k p i u O ' O q t g q x g t . " g o r m q { k p i " c r r t q r t k e v g " f k u k p h g e v c p w u " c p f " k o r r g o g p v k p i " u c p k c t { " o g e u w t g u " k p " h q q f " j c p f n k p i " e c p " i t g e w t f " f k o k p k u j " v j g " r k n g r k j q q f " q h ' r c t c u k l e " e q p w o k p c v k a p O ' R c t c u k l e " e q p w o k p c v k a p " k p " j q w u g j q r f " t g h k i g t c v q t u " e c p " j c t o " e q p u w o g t " j g e n j " d { " e c w u k p i " i c u t q l p v g u k p e r i k n p g u u g u . " c m g t i k e " t g e v k a p u . " c p f " q v j g t " r q v g p v k e n ' j g e n j " t k u m i O ' U y k h v ' t g e q i p k k a p " c p f " u w k e d r g " o c p c i g o g p v ' q h ' v e l p v g f " h q q f " r t q f w e w u ' c t g " e t w e k e n k p " q t f g t " v q " o k p k o k g " v j g " t g r g t e w u k a p u " q p " e q p u w o g t " y g m / d g k p i O ' W i n k o c v g n f . " k ' k u " e t w e k e n ' v q " c e m g " v j g " k u u w g " q h ' r c t c u k l e " e q p w o k p c v k a p " k p " f q o g u k e " t g h k i g t c v q t u " v q " i w e t e p v g g " h q q f " u c h g v f " c p f " u c h g i w e t f " v j g " y g m / d g k p i " q h " e q p u w o g t u O ' G p h q t e k p i " t k i q t q w u " j { i k p g g " r t c e v k e g u . " h t g s w g p v ' e n g c p k p i . " c p f " c r r t q r t k e v g " u a q t c i g " v g e j p l s w g u " c t g " e t w e k e n ' h q t " t g f w e k p i " v j g " r k n g r k j q q f " q h ' r c t c u k l e " e q p w o k p c v k a p O ' O q t g q x g t . " k ' k u " g u g p v k e n ' v q " k p e t g e u g " r w d i k e " n p q y r g f i g " t g i c t f k p i " v j g " r q u l d r g " j g e n j " t k u m i " k p n g f " v q " r c t c u k l e " e q p w o k p c v k a p " k p " f q o g u k e " t g h k i g t c v q t u " k p " q t f g t " v q " g p e q w t c i g " u c h g " h q q f " o c p c i g o g p v ' d g j c x k a t u " c o q p i " e q p u w o g t u O

**Keywords:** "Rctcukle" e q p w o k p c v k a p . " H q q f " u c h v f . " E q p u w o g t " y g m / d g k p i "

Chh' k v k a p " c p f " G o c k i ' c f f t g u u ' U w f g p v ' T g u g c t e j " E q o o k w g g . " F g r c t w o g p v ' q h ' H q q f " U e l g p e g " c p f " V g e j p q m j i { . " U e j q q n ' q h ' P w t k k k p " U e l g p e g u " c p f " H q q f " V g e j p q m j i { . " M g t o c p u j c j " W p k x g t u k f { " q h ' O g f k e c n ' U e l g p e g u . " M g t o c p u j c j . " K c p O "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### IMPACT OF TOYS FOR EFFECTIVE TEACHING AND LEARNING IN LOWER BASIC EDUCATION

*Tanko Linus*

*F gr ctwo gpv'qhlGctn{ 'Ej kfj qqf 'cpf 'Gf wecvkqp"  
Mcf wpc 'Ucvg'Eqmgi g'qhlGf wecvkqp. 'I kf cp'Y c{c0'*

*Jemimah Jatau*

*F gr ctwo gpv'qhlRtko ct{ 'Gf wecvkqp"  
Mcf wpc 'Ucvg'Eqmgi g'qhlGf wecvkqp. 'I kf cp'Y c{c"*

*Yakubu Umar Ahmed"*

*F gr ctwo gpv'qhlRtko ct{ 'Gf wecvkqp"  
Mcf wpc 'Ucvg'Eqmgi g'qhlGf wecvkqp. 'I kf cp'Y c{c"*

*Bossan Hussaina David*

*F gr ctwo gpv'qhlRtko ct{ 'Gf wecvkqp"  
Mcf wpc 'Ucvg'Eqmgi g'qhlGf wecvkqp. 'I kf cp'Y c{c"*

"

#### ABSTRACT

Vgcej kpi "ku'c'xgt { 'ko r qt wcpv'cur gev'qh'vj g'ngctpkpi 'r tqegu0Hqt'ngctpkpi 'vq'dg'ghgevxg'cpf 'kpvgt gukpi "kp'nyj gt 'dcule'gf wecvkqp."vgcej gt u'o wuv'go r nq { 'y g'wug'qh'f khgt gpv'v' r gu'qh'vq { u'cu'r r { "o cvgtkcnu"vq" g'pwt g'vj cv'ngctpkpi 'vcngu'r nceg'kp'vj g'gctn { { gct u'qh'vj g'ej kf 0'Vj wu."gxgt { "pgi cvkxg'dkcu'cdqww'vj g'wug' qh'vq { u'cu'r r { "o cvgtkcnu'uj qwf "dg'f tqr r gf . 'y j kng'cf qr v'kpi 'y g'j cdk'qh'ko r tqxkucv'kqp."wug'cpf 'f kur r { " qh'vq { u'ht "ej kf t gp0'Vj g'r wtr qug'qh'vj g'tugcte j "y gt ghqt g."ku'cp'cwgo r v'v'q'f kuewuu'vj g'wug'qh'vq { u'cu' r r { "o cvgtkcnu'ht "ghgevxg'vgcej kpi "kp'nyj gt 'dcule'gf wecvkqp0'K'gs wcm { 'ut guugu'vj cv'ko r tqxkucv'kqp"cpf " f kur r { 'ctg'egpvcn'v'vj g'wug'qh'vq { u'kp'vj g'vgcej kpi "cpf'ngctpkpi 'r tqegu0Vj g'uwf { 'go r nq { gf 'ugeqpf ct { " t gxlgy "qh'hsgt cwt g'hqewulpi "qp'vq { u'ht qo 'vgz v'dqm'cpf "lqwt pcn'v'q'i cvj gt 'kphqt o cvkqp0'K'eqpenw'f gu'd { " j ki j rki j v'kpi 'y g'pggf 'hqt 'cml'ucngj qrf gt u'kp'gf wecvkqp'ugev'v'v'q'lqkp'j' cpf u'kp'vj g'r tqo q'v'kqp'qh'ghgevxg' g' v'gcej kpi "cpf'ngctpkpi 'y tqwi j "y g'wug'qh'vq { u'OT geqo o gpf cvkqp'u'ct g'cnuq'i kxgp'vj cv'i qxgt po gpv'uj qwf " gpeqwtci g'vj g'wug'qh'vq { u'cu'r r { "o cvgtkcnu'd { "r tqewtkpi "cpf" o cnkpi "y go "cxckrdng"ht" wug'y j gp" pgeguuct { "cpf"j gcf u'vgcej gt u'uj qwf "cnuq'dg'y k'kpi "cpf'eqo o kwgf "v'q'y qt mlk'p'r ct v'p'gt u'j k' y kj "r ct g'p'u" cpf" eqo o w'pk { . "kpxq'k'kpi "r ct g'p'u"cu" xq'np'v'ggt u'kp" h'wpf " tckukpi . "o cnkpi "f k'uectf gf "m'qecn' o cvgtkcnu' cxckrdng."cpf "cnuq'kp'dw { kpi "gf wecvkxg'v'q { u'vj cv'y kn'gpeqwtci g'ej kf t gp'f gxgnr o gpv'cpf'ngctpkpi 0'

**Keywords:** "Vq { u."Vgcej kpi "cpf'Ngctpkpi . 'Ko r tqxkucv'kqp."Nqy gt 'Dcule'Gf wecvkqp0'

"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EFFECT OF APPLICATION OF TITANIUM DIOXIDE IN THE MANAGEMENT OF FUSARIUM WILT AND FRUIT YIELD OF SOME TOMATO ACCESSIONS

Ajiwe, S. T. , and Adigun, M. A.

*Fgrctwo gpv'qhEtqr'cpf' CpkocniUekpeg. 'Clc{k'Etqy vj gt' Wpkxgtuk}. 'Q{q. 'Pki gtlc''*

#### ABSTRACT

Vqo cvq "Uqrpwo "h{eqqgtulewo "N0'ku'qhv'vj tgcvgpf "d{ 'y kn'f kugcug'ecwugf "d{ 'Hwuctkwo "qz {ur qt kwo " h0ur "h{eqr gtulek0Vkcpkwo "f kqz kf g "VKQ4+" cu'dggp'tgr qt vgf "vq'r tqo qvg'r rpv'i tqy vj "cpf 'tgf weg'f kugcug" ugxgtk{ 0Vj ku'gzt gt ko gpv'y cu'ecttkgf "qvw'vq'kpxgunki cvg'vj g'ghgewu'qh'VKQ4" cr r rlecvkqp"qp'kpekf gpeg"cpf " ugxgtk{ 'qh'Hwuctkwo 'y kn'cu'y gni'cu' { kgrf 'kpf legu'qh'vj tgg'uwuegr vldrg'vqo cvq'ceeguukpu0C'5'z'7'hcevtkcn' gzt gt ko gpv'hwkgf 'kpvq'Eqo r rvgvnl "Tcpf qo k gf 'F guki p'cpf "Tcpf qo k gf 'Eqo r rvgv'DrneniF guki p'k'pdqj " vj g'uetggpj qwug"cpf "vj g'hkgrf. "t gur gevkggn{ 0Cni'gzt gt ko gpv'y gt g'ugv'wr "y kj "vj tgg'tgr rlecvkqp0Vj g' vtgcvo gpv'eqpukvgf "qh'vj tgg'vqo cvq'ceeguukpu"ERVVQ B; B; 3. 'ERVVQ B; B; 5"cpf 'ERVVQ B; B; 7+" cpf "VKQ4-y kj "hqt "eqpegpvcvkqp"20. "20. "30"cpf "30"o niN+y cu'cr r rkgf "wukpi "uqkl'f t gpej kpi 0Rrvu" y kj qw' VKQ4" cr r rlecvkqp" ugt xgf " cu' vj g' eqpvtqn' k' dqvj " uetggpj qwug" cpf " vj g' hkgrf " gzt gt ko gpv. " cr r rlecvkqp"qh'30"o niN'VKQ4"uki p'k'ecpvn' "tgf weg' "vj g'kpekf gpeg"cpf "ugxgtk{ "qh'Hwuctkwo "y kn'y kj " dgwgt "{ kgrf "qh'vqo cvq'hw'k'lp'vj g'vj tgg'ceeguukpu'vj cp'vj g'eqpvtqn'r rvu"cpf "r qu0Vj g'uwf { "eqpenwf gf " vj cv'cr r rlecvkqp"qh'VKQ4"cv'30"o niN'tgf weg' "kpekf gpeg"cpf "ugxgtk{ "qh'Hwuctkwo "y kn'qh'vqo cvq"cpf " kpetgcugf "vj g' { kgrf "qh'vqo cvq0'

**Keywords:** "Vkcpkwo "f kqz kf g. "Hwuctkwo "y kn. "Vqo cvq. "uetggpj qwug0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EFFICACY OF SOIL AMENDMENTS WITH BIO-FUMIGANT CROPS AND ANIMAL MANURE ON THE GROWTH AND FRUIT YIELD OF FUSARIUM WILT-INFECTED TOMATOES

Ajiwe, S. T<sup>1</sup>. and Taiwo, B. F<sup>2</sup>

<sup>3</sup>F gr ct wo gpv'qhEt qr "cpf "Cpko cn'Uekpeg. "Clc{kEtqy vj gt "Wpkxgt ukx}. "Q{q. "Pki gt kc "

<sup>4</sup>F gr ct wo gpv'qhEt qr "Rt qvgevqap. "Hgf gt cn'Wpkxgt ukx} "qhiCi t kewmw g. "Cdgqmawc "

"

#### ABSTRACT

C'uetggpj qwug'uwf { 'y cu'eqpf wevgf "vq'lxguki cvg'vj g'ghgeu'qh'dkq/hwo ki cvkqp'y kj "dkqho ki cpv'etqr u" cpf "cpko cn'o cpwt g'qp"vj g'i tqy vj "cpf" { kgrf "qh'vqo cvqgu'kphgevgf "y kj "Hwuctkwo "y km'Vj g'gxcnwc'kqp" y cu'c'6'z'6'hcevtken'gZR gt ko gpv'ctt'cpi gf "kp" c'ur nk/r mv'f guki p'y j lej "eqpukuvgf "qh'dkq/f kulkphgevcpw'cu" vj g'o clp'r mv'cpf "dkq/hwo ki cpv'etqr u'cu'c'uwdr mv'Vj g'38'vtgcvo gpv'eqo dlpcv'kpu'y gt g't gr rkecvgf "vj tgg" vko gu' Vj g" o clp" r mv' eqp'w'k'p'gf " hqwt " vtgcvo gpw' r qwmt { " o cpwt g. " eqy " f wpi . " u{pvj g'vle" h'wpi k'k'f g" ECO C\ GDÌ "82' "O cpeql gd"- "62' "Ectd'g'p'f c'j ko "Y R+'cpf "wpt'g'cv'gf "uqki'cu'eqpvt'qr'Vj g'uwdr mv' eqpuk'w'w'gf "vj tgg" dkq/hwo ki cpv'etqr u="ecddci g. " qpkqp. " i ct'rk " cpf " wp/co g'p'f gf "uqk'0'F cv" qp" i tqy vj " r ctco g'vgt u'cpf " { kgrf "eqo r q'p'gpw'y gt g'o gcuwt gf "cpf "uwl'g'ev'gf "vq'c'p'cn' uku'qh'x'ct'k'p'eg'0T guwmu't g'x'g'c'rg'f " vj cv'vqo cvqgu'i tqy p'qp'uqki'f'co g'p'f gf "y kj "r qwmt { "o cpwt g'cpf "ecddci g't guk'f w'gu'uki p'k'k'c'p'w' { "RÖ2027+" r tqf wegf "uggf r'k'p'i u'y kj "vj g'vc'nguv'r r'p'v'j g'ki j v\*: 5'eo +'cpf "vj g'j ki j guv'pwo dgt "qh'ngcxgu"\*376+"vj cp'vj g" qvj gt "vtgcvo gpv'0'Vqo cvqgu'y kj "vj g'cxg'c'i g'j ki j guv' { kgrf "8'048'Vj c'/3+ "It guj "uj qqv"\*4; 807' i +'cpf "It guj " tqqv\*8; 04' i +'y g'ki j w'y gt g't geq'f gf "qp'vqo cvqgu'v'c'pur r'p'v'gf "qp'r qwmt { "o cpwt g'cpf "ecddci g/co g'p'f gf " uqk'0'F geqo r quk'k'qp'qh'r qwmt { "o cpwt g'cpf "ecddci g't g'ng'c'ug'f "i cugu'rgv' cn'vq' "Hwuctkwo "y km'r cvj qi gp'cpf " uqki'p'w'w'k'p'w' guug'p'v'c'n' h'q' "vqo cvq" i tqy vj 0'Dcug'f "qp'vj g't guwmu'q'd'v'k'p'gf . "co g'p'f k'p'i "uqki'y kj "20 7'ni "qh" r qwmt { "o cpwt g'cpf "422i "qh'ecddci g'r gt "r r'p'v'ku't'geqo o g'p'f gf "cu"vj g'd'gu'v'vtgcvo gpv'eqo dlpcv'k'p' "h'q't " uw'w'v'k'p'cd'ng'q'ti c'p'le "vqo cvq" r tqf we'k'p'w'p'f gf "uetggpj qwug'eqpf k'k'k'p'u"0"

**Keywords:** "Dkq/hwo ki cpv'etqr u."ecddci g't guk'f w'gu. "eqy "f wpi . "Hwuctkwo "y km."vqo cvq. "r qwmt { "o cpwt g"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### INVESTIGATING WIRELESS NETWORK BEHAVIOR DURING JAMMING ATTACKS

<sup>1</sup>Adaramola, Ojo Jayeola

QTEK "PQ-2222/2224/4; 7; /2583"

<sup>2</sup>Sulaimon Fatimo Damilola

<sup>1,2</sup>F gr ctwo gpv'qhlEgo r wagt "Gpi kpggt kpi . "Uej qqnl'qhlGpi kpggt kpi . "Hgf gt cnl'Rqrñ vgej pke "Kct q. "Qi wp" Ucvg. "Pki gt kc0"

#### ABSTRACT

Vj g"lo r qtvcv'vj tgcw"vj cv'o c { "ugt kqwn { "chgev'vj g"tgrkdks { "qh'y ktgruu"pgy qtmu"ctg"vj g"lco o kpi " cwcemu0Vj wu."yj g { "f ko kpkuj "c"pgy qtmu"eqppgevkxk { "cpf"eqpustckpv'ku"fcw"tcpuo kukqp0k { "vj ku'r cr gt." wulpi "yj g"QRP GV"uko wrcvt."y g"lpxgwnki cvg"yj g"dgi cxkqt"qh'y ktgruu"pgy qtmu"wpf gt "f khtg gpv'vj r gu'qh" lco o kpi " cwcemu" \*eqpuwcpv."tcpf qo ." cpf "t gcevkxg:0 Y g" gZR nqt g" yj g" dgi cxkqt "qh" xctkqwu" lo r qtvcv' r gthto cpeg"o gvtleu."kpenwf kpi "rcengv'Nquu."yj tqwi j r wu."cpf "f gr { "cu"c"t guwn"qh" yj gug" cwcemu" wulpi " QRP GV0' T guwn" ht qo " yj g" uko wrcvqpu" f kpkpenf "uj qy " f khtg gpv' r cwgt pu" k" pgy qtmu' r gthto cpeg." eqpukf gt kpi "yj g"vj r g"cpf "kpvgpuk { "qh"lco o kpi "cr r rkgf 0Vj ku'tgugctej "j gr u"kp"wpf gtucpf kpi "y ktgruu" pgy qtmu'xwpgtcdkx { "vq"lco o kpi 0F cv"qdvckpgf "ht qo "yj g"uko wrcvqpu"o c { "eqpvkdwg"vq" f gxgru kpi " o qtg" tqdwu" o gj qf u" qh" f gvgevkqplb kki cvkqp" utcvgi kgu" ci ckpuv" lco o kpi " yj tgcw" k" y ktgruu" eqo o wplecvkqpu0"

**Keywords:** "F gr { ."lco o kpi "Cwcemu."QRP GV."Rcengv'Nquu."Y ktgruu"P gpy qtmu"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE EFFICIENCY OF GROWING DIFFERENT VARIETIES OF APPLES USING ORGANIC TECHNOLOGY

*Sergiy LAVRENKO<sup>1</sup>*

<sup>3</sup>*"Mj gt uqp "Ucvg" Ci tctkcp" cpf "Geppqo ke "Wpkxgt ukf. "Hcewmf "qh" Ci tqpqo { . "F gr ctwo gpv" qh" Ci tkewmmt g."*

*Mj gt uqp. "Wm c k p g O"*

<sup>3</sup>*QTEK "KF < j wru- dlqte kf Qti D222/2225/56; 3/365: ""*

*Sofia LAVRENKO<sup>2</sup>*

<sup>4</sup>*"Mj gt uqp "ur gekr k f gf "uej qqn" qh" vj g" KKKKf gi t ggu" P q 052. "Mj gt uqp. "Wm c k p g O"*

<sup>4</sup>*QTEK "KF < j wru- dlqte kf Qti D222/2225/56; 3/365: ""*

#### ABSTRACT

Vj g" f g x g n r o g p v" q h" v j g" r t q f w e v k p q h" q t i c p k e" c r r n g u" k p" W m c k p g" e q p v k d w g u" v q" v j g" k p e t g c u g" k p" v j g" r t q f w e v k p q h" g p x k t q p o g p v c m f" h t k g p f n f" r t q f w e v u. "v j g" k o r t q x g o g p v" q h" v j g" e q w p v t { u" g e q m i k e c n e q p f k k q p. " c p f" v j g" e t g c v k p q h" p g y " l q d u" O" Q t i c p k e" c r r n g" e w n k x c v k p" k p x q i k g u" h q m y k p i " u q o g" r t k p e k r n g u" c k o g f" c v" r t g u g t x k p i " v j g" g e q m i k e c n e d c n p e g" c p f" e t g c v k p i" r t q f w e v u" v j c v" c t g" u c h g" h q t" j g c n j O M g { " c u r g e w u" q h" q t i c p k e" v g e j p q m i { " k p e n f g < W u g" q h" p c w t c n" h e t v k k g t u" u e j " c u" e q o r q u v" c p f" j w o w u" C r r n e c v k p q h" d k q m i k e c n i" o g y j q f u" q h" r g u v" c p f" f k u g c u g" e q p v t q n" T g l g e v k p q h" v j g" w u g" q h" u { p y j g v k e" r g u k e k f g u. " j g t d k e k f g u. " c p f" q y j g t" e j g o k e c n u" E c t g h w i l c p f" e c t g h w i l c v k w f g" v q" v j g" u q k i l c p f" g e q u { u v g o " q h" v j g" i c t f g p O" Q t i c p k e" i c t f g p k p i" t g r k u" q p" d k q m i k e c n i" r g u v" e q p v t q n i" o g y j q f u" v j c v" c t g" u c h g" h q t" v j g" g p x k t q p o g p v" c p f" j w o c p" j g c n j O V j g u g" o g y j q f u" c t g" d c u g f" q p" v j g" w u g" q h" p c w t c n" g p g o k g u" q h" r g u v u" c p f" q p" e t g c v k p i" e q p f k k q p u" w p h x q t e d n g" h q t" v j g k t" t g r t q f w e v k p o" Q t i c p k e" i c t f g p k p i" j c u" u k i p h e c p v" g p x k t q p o g p v c n i" d g p g h k u" v j c v" j g n" r t g u g t x g" d k q f k x g t u k f. " k o r t q x g" u q k i' s w e r k f. " c p f" t g f w e g" g p x k t q p o g p v c n i" r q m w k p o"

**Keywords:** "c r r n g u. " x c t k g v { . " q t i c p k e" v g e j p q m i { . " g h h e k g p e { O"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### AN ASSESSMENT OF EPHEDRA ALATA ALENDA'S MEDICINAL PLANTS' ABILITY TO COUNTERACT FENTHION'S NEPHROTOXICITY"

*Ilhem DJAALALI <sup>1\*</sup>, Kamilia GUEDRI <sup>2</sup>*

<sup>3,4</sup>"Ncdqt cvqt { "qhVqzkeqrqi { "cpf "Gequf uwgo u"Rcvj qrii kgu. "Hcewmf "qhGzcev"Uekpegu"cpf "Pcwtg"cpf " Nhg"Uekpegu. "Nct dkVgdguuk'Wpkxgt ukf. "Vdguuc. "Cri gt kc0"

#### ABSTRACT

Htqo "cpvks wkvf "vq"vqf c{ . "r guvkef gu"ctg" wugf "kp"ci tlewnwtg"cpf "r rcpv"r tqvgevqp"ci clpuv"r guw0Tgegpvaf " k'j cu'dggp"r tqxgp"vj cv'vj gug"r rcpv"r tqvgevqp"r tqf weu"ecp"ecwug"pgr j tqvzke"ej cpi gu'kp"j wo cpu"

Hgpvj kqp"ku"cp"qti cpqr j qur j cvg"r guvkef g"y kf gnf " wugf "kp"ci tlewnwtg." j qy gxgt. " gzt quwtg"vq"vj gug" o qngewgu"ecp"ecwug"pgr j tqvzke"o cplhgucvqpu0Vj g'cko "qh'vj ku'y qtn'ku'vq'uwwf { . "qp"vj g'qpg"j cpf. "vj g" ghhev"qh"tgr gcvgf "gzt quwtg"cv'vj g'tcvg"qh"3o i lmi "dqf { "y gki j v'hqt"52"eqpugewvkg"fc { u"qp"nkf pg{ u" qz kf cvkxg"ucwuu"cu"y gni"cu"dkqej go keni"r ctco gvgtu. "cpf "qp"vj g"qvj gt"j cpf. "vj g"cdkxkf "qh"o gf lekpcni r rcpv"Gr j gftc"crvc"crpgfc"vq"crngxkcvg"kp f wegf "crngtcvqpu0"

Qwt"tguwnu"uj qy "vj cv"gzr quwtg"vq"Hgpvj kqp"ecwugu"vki i gtlpi "qh'nkf pg{ u"qz kf cvkxg"ut guu"cu"uj qy p"d { " f getgcugf "i nwcvj kqpg/U"tcpuhgtcug"1 UV+cevkvkf. "vj g'kpet gcug'kp"o crpgf kcrf gj { f g"OF C-0"

Kp"cf f kqkq. "vj g'cr r gctepg"qh'qz kf cvkxg"ut guu"y cu'cuuqekcvf "y kj "dkqej go keni'xctkcvqpu'tgxgcrgf "d { "c" f kut wr vqkq"qh'dkqo cts wgt "dkqej ko kswg"Etgc. "CW40"

Vj gug"tguwnu"uj qy "vj g"cpvkvz kf cpv"r qy gt"qh"Gr j gftc"crvc"crpgfc"ci clpuv"vj g"fgngvgtkqwu"ghhewu"qh" Hgpvj kqp0"

**Keywords:** "Hgpvj kqp. "Gr j gftc"crvc"crpgfc. "uqz kf cvkxg"ut guu. "pgr j tqvzkekvf. "Tcv"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### UNDERSTANDING AND ENHANCING ADAPTABILITY QUOTIENT (AQ) IN HIGHER EDUCATION: A COMPREHENSIVE ANALYSIS

*Gulzhan Baimuldinova*

##### ABSTRACT

Vj ku'uwf { "gzco kpgu'vj g'uki phhecpeg"qh'Cf cr vcdkky { "S wqkpgv"\*CS +lp"j ki j gt "gf wecvkqp."cpcn{ | kpi "ku" ko r cev' qp" cecf go le" r gthqto cpeg." uwf gpv' y gm/dgkpi ." cpf " gf wecvkqpcn' qweqo gu' Vj tqwi j " c" eqo r tgi gpukxg" rkgtcwtg" tgxkgy " cpf " cpcn{ uku" qh' tgegpv' t gugctej " hpf kpi u. " y g' kpxgukki cvg" j qy " CS " kphwpegu" uwf gpv' uweegu. " r ct vkwrcn{ " f wtkpi " uki phhecpv' gf wecvkqpcn' t cpukkpup" cpf " wpr tgegf gpvgf " ej cmgpi gu' }

Vj g' t gugctej " u{pvj guk' gu' hpf kpi u" Itqo " tgrgxcpv' uwf lgu. " j ki j rki j vki " vj g' eqttgrcvkqp" dgy ggp' cf cr vcdkky { " cpf " cecf go le" cej kxgo gpv. " utguu" o cpci go gpv. " cpf " qxgtcm' uwf gpv' ucvkucvkvkpp' Qwt' hpf kpi u" uwi i guv' vj cv' j ki j gt " CS " r xgnu" eqpvtkdwg" vq" ko r tqxgf " cecf go le" qweqo gu. " y kj " uwf gpv" f go qpwtcvkpi " gpj cpegf " r gthqto cpeg" o gvkcu" cpf " dgwgt " r u{ej qm{ kcn' cf lwuwo gp' Vj g' uwf { " t g x g m u " vj cv' uwf gpv" y kj " j ki j gt " cf cr vcdkky { " u j qy ecug" ko r tqxgf " r tqdng / uqk kpi " ecr cdkkkgu. " gpj cpegf " r gctpkpi " t g v g p v k p . " c p f " i t g c v g t " r c t v k r c v k p " k p " e q m d q t c v k x g " c e v k k k g u ' }

Cf f k k p c m { . t g u g c t e j ' k p f l e c v g u ' u t q p i ' e q p p g e v k p u ' d g y g g p ' C S ' c p f ' t g f w e g f ' r g c t p k p i ' d t g c n f q y p . h q y g t ' u t g u u ' r x g n u . ' c p f ' k o r t q x g f ' g o q v k p c n t g i w e v k p ' f w t k p i ' c e c f g o l e ' t c p u k k p u ' V j g ' c p c n { u k u ' g p e q o r c u u g u ' f k x g t u g ' e w n w t c n t g t u r g e v k x g u ' c p f ' o g y q f q m i k e c n ' r r t q c e j g u . ' r t q x k f k p i ' c ' e q o r t g i g p u k x g ' w p f g t u c p f k p i ' q h ' c f c r v c d k k y { u ' t q r g ' k p ' g f w e c v k p c n ' u w e e g u u ' }

Vj g' uwf { " eqpenw' gu" d{ " r t g u g p v k p i " u q o g' u t c v g i k g u " h q t " f g x g m r k p i " C S " c v' d q y " k p f k x f w c i ' c p f " k p u k w w k p c n ' r x g n u . " q h g t k p i " u r g e k h e " t g e q o o g p f c v k p u " h q t " g f w e c v k p c n ' r q n e { " c p f " r t c e v l e g " k p " j k i j g t " g f w e c v k p ' u g w k p i u ' V j g u g ' h p f k p i u ' w p f g t u e q t g ' v j g ' e t w e l c n k o r q t v p e g ' q h ' f g x g m r k p i " c f c r v c d k k y { " u n k m u ' v q " h q u v g t ' u w f g p v ' u w e e g u u ' c p f ' y g m / d g k p i ' k p ' v j g ' f { p c o l e ' r e p f u e c r g ' q h ' j k i j g t " g f w e c v k p o ' }

**Key words** - Cf cr vcdkky { "S wqkpgv"\*CS +. "uwf gpv' y gm/dgkpi . "gf wecvkqpcn' qweqo gu"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DETERMINANTS OF CUSTOMER ADOPTION OF DIGITAL BANKING SERVICES: SYSTEMATIC LITERATURE REVIEW

Mesud Mohammed<sup>1</sup>, Ebrahim Ahmed<sup>2</sup>, Professor Dr. Gurudutta P. Japee<sup>3</sup>

<sup>3</sup> Rj F "Uej qrt. "Uej qqn'qh'Ego o gteg. 'I wlct cv'Wpkxgt ukaf 'O

<sup>5</sup> Rt qhguaqt/Ego o gteg. 'Eqqt f kpcvqt <F gr ctvo gpv'qh' Cf xcpegf 'Dwukpguu'Uwfkgu' I wlct cv'Wpkxgt ukaf "

#### ABSTRACT

Vj ku'uf uvgocvle "rkgtcwtg"tgxky "UNT" +ciko u"vq"kf gpvkh{ "vj g" hcevqtu" kphwpeki "ewuqo gt" cf qr vkap"qh" f ki kcnidcpnki "ugt xlegu" Wkkk kpi "vj g" RTKUO C "Rt ghgtgf" T gr qt vki "Kgo u' hqt" U{ uvgocvle "Tgxky u" cpf " O gvc/Cpcn{ ugu+ "o gj qf qmji { . "vj g" tgxky "u{ pvj guk gu" tgugetej "htqo "vj g" Ueqr wu" f cvdcug" wukpi "vj g" ng{ y qtf u" SF ki kcnidcpnki \$" cpf "Shcevqtu" kphwpeki \$" vq" hkp "tgrxcpv" ct vengu" Hkngtu" y gt g" cr r rkf "vq" kpenmf g" r wdncvkapu" htqo "4237" vq "4246" y kj kp" vj g" Dwukpguu. "Ego r wgt" Uekpeg. "O cpci go gpv." cpf " Ceeqwpvki "uwdlgev" ct gcu" F cvc "gz vcevkap" hqewugf "qp" uwf { "f guki p. "ng{ "hkp kpi u." cpf "o gj qf qmji kgu" Vj g" u{ pvj guku" tgxgcrf "eqo o qp" vj go gu. "v gpf u." cpf "i cr u" kp" vj g" rkgtcwtg" C "vqcn'qh" 44" ct vengu" o gv" vj g" kpenwukp" etkgtk "cpf" y gt g" kpenmf gf "kp" vj g" hpcn' u{ pvj guku. "gpwt kpi "c" eqo r t gj gpukg" wpf gtucpf kpi "qh" vj g" vqr le" Mg{ "hcevqtu" kf gpvkhgf "kpenmf g" r gtegxgf "wghwpguu. "r gtegxgf "gcug" qh' wug. "r gtegxgf "tkum" ewuwtg. "cpf "kpvgpvkap" vq" wug. "y j lej "ct g" eqpukf gt gf "etkvecl'co qpi "vj g" kphwpeki "hcevqtu" Qxgtcm "vj ku" UNT "r tqxkf gu" eqo r t gj gpukg" kuki j u' kp vq" vj g" ng{ "hcevqtu" chgevkpi "ewuqo gt" cf qr vkap" qh' f ki kcnidcpnki " ugt xlegu. "qh' hgtkpi "xcnwdrg" ko r ncevkapu" hqt "hwwt g" t gugctej "cpf "r tcevkecl'cr r ncevkapu"

**Keywords:** F ki kcnidcpnki . "Cf qr vkap. "Ewuqo gt. "UNT

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE INTERPLAY OF MANGONGKAL HOLI AND THE HOLY SPIRIT IN BATAK TOBA CULTURE: TRADITION, THEOLOGY, AND SPIRITUAL CONTINUITY

*Rogate Artaida Tiarasi Gultom, Charstar Rumbay*

*Kpukkwg'Ci co c'Mi kwgp'Pgi gk'Vctwwpi "*

#### ABSTRACT

Vj ku'ctvleg"gzr mtgu"vj g"Dvcni'Vqdc"vcf kkp"qh'O cpi qpi nen'J qrkô vj g'tkwn'qh'tgrqcvkpi "cpegutcn' dqpguô cu'c'xkcn'ewwtcn'cpf "ur tkwn'r tceveg"vj cv'utgpi vj gpu'eqo o wplv{ "dqp u'cpf "j qpqtu'rkpci g" j gkci g'Xlgy gf"vj tqwi j "c"Ej tkwcp"vj gqmi kecn'rgpu."vj ku'uwf { "cnuq"gzco kpgu"vj g'tqng"qh'vj g"J qn{ "Ur tk'lp"uj cr kpi "Dvcni'ur tkwcrk{."cf f'gukpi "vj g'kpvgtugevqpu"qh'vcf kkp'cn'dgnghu"cpf "Ej tkwcp" xcnwgu'O cpi qpi nen'J qrk'ugt xgu"pqv'qpn{ "cu'c"egrndcvkq"qh'cpegut { "dw'cnuq"cu'c"tkg"qh'tgpgy cn" tglphqteki "hco krcn'vku"cpf "eqo o wpcn'kf gpkv{O'Vj g'tkwn'crki pu'y kj "Dvcni'r gtegr vqpu"qh'vj g"J qn{ "Ur tk'u"r t'gugpeg"cu'c"i wlf kpi "hqteg."dtkf i kpi "cpegutcn' xgpgcvkq" y kj "Ej tkwcp" f'qevkpg" qp" vj g" tguwtgevkq"cpf "gvgtpcn'rhgO'Vj ku'cpcn'uku"uwi i guu"vj cv'vj g"J qn{ "Ur tk'gptlej gu'O cpi qpi nen'J qrk'd{ "gpeqwtci kpi 'dqj "ur tkwn'eqv'pvlv{ "cpf 't'cpuhqto cvkq."qh'gt kpi 'kuki j v'kpvq'j qy 'kpf ki gpqwu'ewwqo u" cpf "Ej tkwcpk{ "ecp"eqgzku'lp" c"y c { "vj cv'tgur gewu'ewwtcn'tqqw"y j kg"huvgtkpi "ur tkwn'i tqy vj O' Vj tqwi j "swerkcvkxg"t'gugctej ."kpenf kpi "r ctvlekr cpv'qdugt'cvkq" cpf "kpvgtxlgy u."vj g"ctvleg"tgxgcu" j qy "O cpi qpi nen'J qrk'cpf "vj g"J qn{ "Ur tk'eqngevkg"n{ "eqpvt'kdwg"vq"vj g"Dvcni'wpl'gtucpf kpi "qh'rhg." f'gvj ."cpf 'rgi ce{O'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE MANGUNI BIRD AND ETHICAL THEOLOGY: EXPLORING SYMBOLISM, SPIRITUALITY, AND MORAL VALUES IN MINAHASA CULTURE

*Andar Gunawan Pasaribu, Charstar Rumbay*

*Kp̄nk̄w̄g'Ci co c'M̄k̄w̄p'Pgi gt'Vctw̄w̄pi "*

#### ABSTRACT

Vj ku'ct'v̄erg"fḡx̄gu"kp̄vq"vj g"tq̄rg"qh"vj g'O cpi wp̄k'dktf "y kj kp̄'O k̄pcj cuc"ew̄nwt'g'cpf "ku"eqppgevk̄qpu"vq" gj̄j lecn'vj gq̄m̄i {0Vj g'O cpi wp̄k'dktf."c't̄gx̄gt'gf "qy n'ur gēku'kp̄'O k̄pcj cuc"tcf k̄k̄qpu."ku'qh̄v̄p'r gtēgk̄gf "cu" c'ur k̄k̄w̄er̄i w̄k̄f g.'u{o d̄q̄r̄k̄ k̄pi "y kuf qo "cpf "eq̄px̄g{k̄pi "o gūuci gu'd̄gy ggp'vj g'j wo cp"cpf "ur k̄k̄w̄er̄i gcm̄ uO' Vj ku'uw̄f { "gzco k̄p̄gu"vj g'O cpi wp̄k̄u"tq̄rg"cu"o q̄t̄cn'eqo r cuu."k̄pur k̄k̄pi "gj̄j lecn'd̄ḡj cx̄k̄qt"cpf "i w̄k̄f k̄pi " f gēk̄uk̄q̄p/o c̄nk̄pi "y kj kp̄"vj g'O k̄pcj cuc"eqo o wp̄k̄v{0F tcy k̄pi "q̄p'vj gq̄m̄i lecn'cpf "gj̄j lecn'lt̄co gy q̄tm̄."vj g" ct'v̄erg'k̄px̄ḡv̄ki cv̄gu'j qy "vj ku'd̄ktf "ugt̄x̄gu"cu"o ḡv̄er j q̄t'ht̄"fk̄k̄p̄g'y kuf qo "cpf"o q̄t̄cn'ert̄k̄v̄."ḡpēq̄wt̄ci k̄pi " k̄p̄f k̄k̄f w̄cm̄"vq"rk̄x̄g"kp̄"j cto q̄p{ "y kj "eqo o wp̄k̄v{ "xc̄n̄w̄gu"cpf "pc̄w̄t̄cn'q̄t̄f gt'0D{ "k̄pēq̄tr q̄t̄cv̄k̄pi "O k̄pcj cuc" q̄t̄cn' tcf k̄k̄qpu." ew̄nwt̄cn' k̄p̄v̄tr t̄ḡcv̄k̄qpu." cpf " vj gq̄m̄i lecn' r gtur gēv̄k̄x̄gu." vj ku" t̄ḡuḡct̄ej " j k̄i j r̄k̄i j w̄" vj g" t̄ḡx̄c̄p̄eg"qh̄k̄p̄f k̄i ḡp̄q̄w̄u'u{o d̄q̄r̄k̄uo "k̄p̄'h̄qūv̄gt̄k̄pi "gj̄j lecn'r̄ t̄cēv̄ēgu'y kj kp̄"eq̄p̄v̄go r q̄t̄ct { "ur k̄k̄w̄er̄i eq̄p̄v̄z̄uO'

**Keywords** <O cpi wp̄k'dktf . 'O k̄pcj cuc"ew̄nwt'g.'Gj̄j lecn'vj gq̄m̄i { . k̄p̄f k̄i ḡp̄q̄w̄u'ur k̄k̄w̄er̄i " "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CHRISTIAN SOTERIOLOGY AND PARTICULARISTIC UNIVERSALISM: A THEOLOGICAL EXAMINATION OF SALVATION AND INCLUSIVITY

*Ibelala Gea, Charstar Rumbay*  
*Kpɔnkɔwɔ'Ci co c'Mi kɔwɔ'Pgi gt k'Vctwɔwpi "*

#### ABSTRACT

Vj ku'ctvɛng'gʒr nɪt gu'vj g'lpvgtugevɛkp'qh'Ej tkvɛcp'uvgtkɔmɪ { 'cpf' r ctvɛwɛctkvɛ'wɔkɔgtucɪkɔo . 'gzco kɔkɔpi " vj gɔmɪ kɛcɪ' r gtur gevɛxgu" qp" ucɪkɛvɛkp" kɔ" vj g" eqpvɛz'v' qh' kɔɛwɛkɔkɔ' cɔf" f kɔkɔg" lɔwɛg' Ej tkvɛcp' uvgtkɔmɪ { " vctf kɔkɔpɛmɪ" go r j cɔkɔ gu" ucɪkɛvɛkp" vj tqwɪ j " Iguwu" Ej tkvɛ" cu" vj g" gɛɛwɛkɔg" r cɔj " vɔ" tgeqɛkɛvɛkp'y kɔj "I qf'0J qy gɔgt. 'r ctvɛwɛctkvɛ'wɔkɔgtucɪkɔo 'r tqr qugu'c'dtqcf gt'crr tqɛj . 'uwi i gukɔpi " vj cɔ' y j kɔg" ucɪkɛvɛkp" ku" wɔkɔgtucmɪ { " cɔkɔrdɔg." kɔ' ku" tgerɪ gf " kɔ" f kɔkɔpɛv' y c { u" cɛtquu" f kɔgtug" hɔkɔj " gʒr gt kɔpɛgu'0Vj ku'ctvɛng'cɔcɔnɪ | gu'uetkr wtɔcɪcɔpɪ'vj gɔmɪ kɛcɪcti wo gɔv'u'ɪtqo 'Ej tkvɛcp'wɔkɔgtucɪkɔo "cɔf" r ctvɛwɛctkɔo . " gɔcɔkɔkɔpi " j qy " vj gug" xkɔy u" gɔi cɪ g" y kɔj " gɛɛwɛkɔkɔv." kɔɛwɛkɔkɔv." cɔf" r nɔcɪkɔvɛ" uvgtkɔmɪ kɛcɪ'ɪtco gy qtɔm'0D { "gzco kɔkɔpi "nɔg { "vj gɔmɪ kɛcɪ'eqɛpɛr wɔ uwej "cu"i tɛɛg. "tgf go r vɛkp."cɔf" f kɔkɔg" nɔxgɔ vj ku"uwf { "tgɔgɔcɪ" vj g" vɛpukɔpu" cɔf " j cto qɔkɔgu" dɔgy gɔp" gɛɛwɛkɔkɔv' f qɛv kɔpɔgu" cɔf " vj g" wɔkɔgtucɪt gɛj "qh'ɪ qf' u'ucɪkɛvɛkp'0K'eqpukf gt u'vj g'kɔ r rɛcɛvɛkp'u'qh'c' r ctvɛwɛctkvɛ'wɔkɔgtucɪkɔv'crr tqɛj " hɔt" kɔvgt hɔkɔj " f kɔmɪ wɛ." uwi i gukɔpi " vj cɔ'c" pɔwɛpɛgf " wɔf gt uɔcɔpɪ kɔpi " qh' ucɪkɛvɛkp" gɔj cɛpɛgu" vj g' Ej tkvɛcp" y kɔpɔgu' kɔ'c' r nɔcɪkɔvɛ' y qɪrf' 0Vj ku'cɔcɔnɪ uku' wɔf gt ueqɪt gu' vj g' r qvɔpɔcɪn' hɔt " Ej tkvɛcp' uvgtkɔmɪ { "vɔ' qh' hɔt" c' wɔkɔgtucɪn' o guuci g' vj cɔv' tgo cɔkɔpu' i tqwɔf gf " kɔ' r ctvɛwɛctkvɛ' hɔkɔj " vctf kɔkɔpu' 0

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE SOCIOLOGY OF MUSIC AND THE CULTURAL IDENTITY OF MINAHASAN MUSIC IN THE INDONESIAN ARCHIPELAGO

*Agusthina Siahaya, Dewi Tika Lestari, Christar Rumbay*

*Kpukwng'Ci co c'Mt kwgp'P gi gk'Co dqp"*

"

#### ABSTRACT

Vj ku'ct veng" kpxguki cvgu" vj g" uqekqmi { "qh" o wule" y kj kp" vj g" eqpvzv" qh" P wucpvctc. "hqwukpi " qp" vj g" O kpcj cuc' tgi kqp) u' wps wg" o wulecn' tcf kkpuc' cu' c' t' ghngvqk' qh' ewnwtcn' kf gpvkv' { "cpf" uqekcn' xcnguo' O wule" kp" O kpcj cuc' ugtxgu' cu' c' r qy gthwi' o gf kwo "hqt" gzt gukpi "eqmgevkg" kf gpvkv' . " j kwqtlecn' pctt cvkxgu. "cpf" uqekcn' eqj gukq. "uj qy ecukpi "kpf ki gpqwu' hqt o u' vj cv' kpvgi tcvg' y kj "dtqcf gt" kphwpegu' cetquu' kpf qpguk' O' Vj tqwi j "vj g" ngpu' qh' uqekqo wulecn' vj gqt { . "vj ku' uwf { "gzt nqt gu" vj g' y c { u' kp" y j lej "O kpcj cucp" o wule ô ej ctcevtg' k' gf "d { "tcf kkpucn' kput wo gpvu' rknng" vj g" nqkpvcp" i "cpf" ur gekhke" xqecn' uv' nguô tghngvu' uqekcn' utvewt gu. "tgrki kqu" kphwpegu. "cpf" kpvgti gpgt cvkpcn' nqy nqi i g' O' Vj g" tqng" qh' o wule" kp" egtgo qpkcn' r tcevegu. "eqo o wpcn' i cvj g' kpi u. "cpf" fckn' "rknng" ku" gzco kpgf "vq" wpf gtucpf "ku" hwpvkvq" cu' dqy "c" r tguq' xcvkq" qh' j g' kci g" cpf" cp" c' cr vkg" ewnwtcn' hqtego' Cf f kkpucm' . "vj ku" tguqtej "c' f tguugu" j qy " O kpcj cucp" o wule" kpvgtcevu" y kj " vj g" hqtegu" qh' o qf g' t' k' cvkq" cpf" i nqdcnk' cvkq. "eqpuk' g' t' kpi " vj g" ko r rkecvkpu" hqt" ewnwtcn' uwuc' kpcdkv' { "cpf" kf gpvkv' "co kf uv' uj k' kpi " uqekcn' f { pco leu' O' Go r nq' kpi " s wnkcvkg' o gy qf u. kpenf kpi 'hknf " qdugt xcvkpu' cpf' kpvgt xkgy u' y kj 'hqcni' o wulekpu. "vj ku' ct veng' t' gxgcu" j qy "O kpcj cucp" o wule" ku' c' f { pco le' ur ceg' y j g' g' t' c' f k' k' q' cpf" o qf g' t' k' v' { "kpvgt ugev. "hquvgt kpi "c' t' guk' d' gpv' { gv' gxqmkpi "ewnwtcn' kf gpvkv' { y kj kp" vj g' h' co gy qtn' qh' k' p' q' p' g' u' k' r' n' w' t' c' i' k' u' o' O'

**Keywords:** "uqekqmi { "o wule. "O kpcj cucpu. "gy pqo wuleqmi { "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### PROGRESSIVE LAW AND LEGAL PROTECTION IN INDONESIA: PATHWAYS FOR JUSTICE AND SOCIAL WELFARE

*Christar Rumbay, Andrew Bethlen and Paltiada Saragih*

*Wpkxgt ukx u' Mt kwgp "Kpf qpgukc"*

#### ABSTRACT

Vj ku'ct veng"gzco kpgu"vj g"tqng"qh'r tqi tguukxg"rcy " \*j wmo "r tqi t gukht"cu" c" tcpuhtto c vlxg"cr r tqcej "vq" gpj cpekpi "ngi cnlr tqvevqp"kp"Kpf qpgukc."r ct vewrctn "kp"cf f t gukpi "kuuwgu"qh'uqelcn'lwuleg"cpf "gs vkscdng" ceegu"vq"ngi cnlt guqwteguORtqi t guukxg"rcy . "kvtqf vegf "d { "Ucvlr vq"Tej ctf lq."cf xqecvgu"b"j wo cp/egpvtgf "ngi cn'cr r tqcej . "go r j cuk kpi "vj g"rcy au"r vtr qug"vq"ugt xg"uqelgv{ "tcvj gt "vj cp"o gt gn{ "cf j gt kpi "vq"tki kf "r tqef wcn'ut wewt gu'Vj ku"uwf { "cpcn{ | gu"j qy "r tqi t guukxg"rcy "ecp"dg"ko r ngo gpvgf "vq"cf f t guu"vj g" rko kcvkpu"kp" Kpf qpgukc"ai" ngi cn' u{ uvgo . "hqwulpi "qp"ku"ecr cekv{ "vq"cf cr v' vq"vj g" gxqikpi "uqelcn" geqpqo ke."cpf "ewwrcn'pvgf u"qh'vj g"pcvqp'Vj tqwi j "cp"gzco kpcvqp"qh'ecug"uwf kgu"cpf "ngi cnlt ghqto u."vj g"ct veng"cuuguu"vj g"ghgevxgpguu"qh'r tqi t guukxg"rcy "kp"r tqxkf kpi "ngi cnlr tqvevqp"vq"o cti kpcrk gf "eqo o wpkkgu"cpf "r tqo qvki "hctpguu"kp"lwf keln'r tqeguugu'HWt yj gto qtg."k'gzr mt gu"vj g'ej cmgpi gu"cpf "qr r qt wpkkgu"kp" cni plki "r tqi t guukxg" ngi cn' r tpek rgu" y kj " Kpf qpgukc"ai" gz kuki " ngi cn' htco gy qtm" r ct vewrctn "kp"ct gcu"uwej "cu"gpvktqpo gpvcl'lwuleg."j wo cp"tki j w."cpf "cpv/eqtt w vqp"o gcuw gu'Vj ku" tgugetej "j ki j rki j w"vj g'r qvkvcln'qh'r tqi t guukxg"rcy "vq"hekrkcvg"cp"kpenukxg"ngi cnlu{ uvgo "vj cv'r tkqt kki gu" y ghctg"cpf "lwuleg."cf xqecvki "hqt"tghqto u"vj cv'ut gpi vj gp"vj g'tgrcvkpuj kr "dgy ggp"rcy "cpf "vj g'r wdkeO'

**Keywords;** r tqi t guukxg"rcy . "ngi cnlr tqvevqp."ekxklrcy . "Kpf qpgukc "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SOCIAL PARTICIPATION OF AFGHAN WOMEN

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*Ziagul Afzali and Shafiqa Hussaini*

*o cungt "umf gpv."f gr ct vo gpv'qhl'y qo gp)u'umf kgu "Cj nwdc { v'lpvgt pc vkqpcn'Wpkxgt ukol. "Kcp"*

"

#### ABSTRACT

"J wo cpu'ctg'lpj gt gpw{ 'uqekndgkpi u0Vj ku'o gcpu'j wo cpu'pggf 'vq'eqppgevy kj "qvj gt u0Vj ku'eqppgevkqp" hqto u"vj g'eqpegr v'qh'r ct vlek c vkqp0J wo cp"uqeknr'rhg" f gr gpf u"qp"vj gk "uqeknr' ct vlek c vkqp"y kj "vj gk" hgmqy "j wo cp'dgkpi u0Htqo "vj g'xgt { "dgi kppkpi "qh'vj gk "rkxgu." j wo cpu'j cxg'pggf gf "vj g'eqqr gtcvkqp"cpf " eqmcdqtcvkqp"qh'qvj gt u"vq"o ggv'vj gk "pggf u0Vj tqwi j qw'j kuxqt { ."uqeknr' ct vlek c vkqp"kp'r qrkkecn'u{ uvg o u" j cu'dggp"qpg'qh'vj g'o quv'ko r qt vcpv'qr leu0Uqeknr' ct vlek c vkqp't ghgt u"vq"vj g't gr v'xgn{ "uvcdr' r t gupge'qh" vj g'eqpukwgpv'nggo gpw'qh'uqekv{ ô kpf kxf wcu. "i tqw u. "eqo o wpkxgu. "kpuvkwkqpu. "cpf "qti cplk c vkqpô kpu'qeknr' t qeguugu'cpf "cev'kxkku0Y j gp"gzco kpkpi "vj g'eqpegr v'qh'uqeknr' ct vlek c vkqp. "vj g'v' r g'qh'uqeknr' cev'kxk{ "kp"vj g'gpxkqpo gpv'o wuv'dg'eqpukf gt gf 0Vj ku'ct v'eng'gzco kpgu'uqeknr' ct vlek c vkqp"cpf "ku"v' r gu. " cpf "cnuq'hqewugu"qp"qpg'v' r g'qh'uqeknr' ct vlek c vkqp<cuuqekv'kqpu. "ur gekhecm{ "vj g'pwo dgt "qh'cuuqekv'kqpu" qr gtcvkpi "kp"Chi j cpkucp. "vj gk "i qcm. "cpf "vj gk "hwpevkqpu0Chi j cpkucp "ku" c "eqwpt { "y j gt g"y qo gp. "cv' egt v'lp"vko gu. "j cxg"j cf "t gr v'xgn{ "i qgf "uqeknr' ct vlek c vkqp. "dw"kp"qvj gt "r g'kqf u. "y qo gp"j cxg"j cf "pq" r ct vlek c vkqp"y j cuuqgxgt =t cvj gt. "vj g{ "y gt g'u{ uvg o v'kcm{ "gzemf gf "ht qo "xct kqwu"cev'kxkku'kp"cmiugevqt u0 Hqt " gzco r ng. " kp" vj g" ewttgpv" Chi j cp" i qxgt po gpv. " y qo gp)u" uqeknr' r ct vlek c vkqp" j cu" f getgcugf " uki p'khecpw{ "eqo r ct gf "v' r t g'kqwu"r g'kqf u0K' r ct vlek c vkqp"gz kuu"cv'cm "k'ku"pqv' r wdike0E wtt gpw{ . "uqo g" cuuqekv'kqpu'qr gtcv'g'er'cpf guvkp'gn{ 0'

Rct vlek c vkqp"\*qt "dgpghv'uj ct kpi +o gcpu'uj ct kpi "uqo gvj kpi "y kj "uqo gqpg. "rkng"uj ct kpi "kp"y qtm' r tqhk. " cpf "vj g'qweqo g0Rct vlek c vkqp"o gcpu'wukpi "r gt uqpcnr't guqwt egu"v'uj ct g'kp" c "eqmgev'xg"cev'kqpu0Uekp'v'khe" r ct vlek c vkqp"ku" c "eqpuekqwu"cpf "xqnpwct { "eqmgev'xg"cev'kqpu0Vj ku'kpenw' gu'ekkk' gpu)kpxqrxgo gpv'kp" r wdike" ch'cku"cv'xct kqwu"ngxgn{ "qh'cf o kpkut'cv'xg"cpf "r qrkkecn'f gekukp/o cni kpi. "xqv'kpi "v' f k' g'ev{ "j gr "o ggv' uqeknr'pggf u. "cpf "r gqr ng'u" kpxqrxgo gpv'kp"vj g"hwpevkqplkpi "qh'qti cplk c vkqp"y j qug"y qtm'ch'gevu"vj gk" rkxgu0Hwt vj gt o qt g. "vj g'eqpegr v'qh'r ct vlek c vkqp" gpeqo r cuugu'r gqr ng'u' kpxqrxgo gpv'kp" t g'ri kqwu"cpf "pqp/ t g'ri kqwu" qti cplk c vkqp. "cuuqekv'kqpu. "cpf "o qxgo gpw"qh'cni'nkpf u"vj cv'ch'gevu' uqeknr' rhg"dw'ct g"pqv' f k' g'ev{ "rkp'ngf "v' kpf kxf wcu'geqppqo k' i qcm0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CHRISTIAN RELIGIOUS EDUCATION AND MINAHASAN CULTURE: INTEGRATING FAITH AND LOCAL TRADITIONS IN IDENTITY FORMATION

*Frieska Putrima Tadung and Charistar Rumbay*

*Kpukwag"Ci co c"Mi kwgp"P gi gt'O cpcf q"*

#### ABSTRACT

Vj ku"ctveng"gzr nqt gu"vj g"kpvgi tcvkqp"qh"Ej tkvkcp"tgrki kwu"gf wecvkqp"y kj "O kpcj cucp"ewmwtcn'xcnvgu." hqewukpi "qp"j qy "vj gug"vy q"grgo gpw"uj cr g"kf gpvkv"cpf"o qtcn'f gxgnqr o gpv'y kj kp"vj g"O kpcj cucp" eqo o wplv'0'Cu"qpg"qh"vj g"r tgf qo kpcpv"gyj ple"i tqwr u"kp"P qt vj "Uwry guk"O kpcj cucpu"r quuguu"tlej " ewmwtcn' vtcfkakpu" vj cv' f ggr n' " kphwpeg" vj gk" y qtrf xkgy " cpf " eqo o wplv' r tcevegu0' Vj ku" uwf { " kpxguki cvgu"vj g"kpvtugevkvpu"qh"Ej tkvkcp"vgej kpi u'y kj "O kpcj cucp"ewwvgo u."uwej "cu'nkpuj kr ."t gur gev' hqt"grf gt u."cpf"eqo o wpcn'eqqr gtcvkqp"\*o crcmu+:"cpcn' | kpi "j qy "tgrki kwu"gf wecvkqp"ecp"lpeqtr qtcvg" vj gug"ewmwtcn'xcnvgu"vq"gpj cpeg't grxcpeg"cpf"gpj ci go gpv'co qpi "O kpcj cucp"uwf gpw0'D{ "eqo dlpki " vj gqmi kecn' gtur gevkvgu'y kj "mqecn'ewwvgo u."Ej tkvkcp"tgrki kwu"gf wecvkqp"kp'O kpcj cuc"hpvgtu'c"j qrkvle" cr r tqcej "vj cv't gur gev'dqvj "ur kkwcn'dgrkghu"cpf"ewmwtcn'j gkci g0'Wukpi "s wcrkcvkxg"o gj qf u."kpenw'kpi " kpvgtxkgy u'y kj "tgrki kwu"gf wecvqtu'cpf"ewmwtcn'hcfcf gt u."vj g'uwf { "gzco kpgu"vj g'ej cmgpi gu'cpf"dgpgkhu" qh'vj ku'kpvgi tcvkxg"cr r tqcej 0'Vj g'hp'f kpi u'awi i guv'vj cvy j gp"Ej tkvkcp"gf wecvkqp"t gur gev'cpf"kpvgi tcvgu" mqecn'ewmwg."k"utgpi vj gpu"kf gpvkv"cpf"o qtcn'xcnvgu."uwr r qt vki "uwf gpw"kp"f gxgnqr kpi "c"hc'kj "vj cv' tguqpcvgy'y kj kp"vj gk"ewmwtcn'eqpvz v'cpf"eqpvtkdwgu"vq"eqo o wplv' "eqj gukqp0"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CHRISTIAN RELIGIOUS EDUCATION AND THE ROLE OF MINAHASAN WOMEN: FAITH, IDENTITY, AND CULTURAL RESILIENCE

*Djoys Anneke Rantung*

*Wpkxgt ukx u'Mt kwgp "kpf qpguk"*

#### ABSTRACT

Vj ku'ct veng"gzco kpgu'vj g'tqng"qh'Ej tkukcp"t grki kwu"gf wecvkqp"kp'uj cr kpi "vj g'kf gpvkv{. 'hckj . "cpf "uqekri' eqpvt kdwkqpu"qh'O kpcj cucp"y qo gp. "j ki j rki j vki "j qy "hckj /dcugf "vgcej kpi u'kpvgtugev'y kj "O kpcj cucp" ewmwtn'xcnwgu"cpf "i gpf gt"gzr gevcvqpu0'Y kj kp"O kpcj cuc"uqekv{ "kp"P qt vj "Uwry guk"y qo gp"j cxg" vcf kkkpcm{ "j grf "uki pkhecpv'tqngu"dqj "kp"lco kn{ "cpf"eqo o wpkv{. "go dqf { kpi "xcnwgu"qh'tgukkgpeg." pwtwtkpi . "cpf"ngcf gtuj kr 0'Ej tkukcp"t grki kwu"gf wecvkqp"t gkphqtegu"vj gug'tqngu"d{ "kpvgi tcvkpi "ur tkwcn' r tlpkr ngu"vj cv"go r j cuk g'ugt xleg. "o qtn'kpvgi tkv{. "cpf"eqo o wpcn'uw r qt v0'Vj ku"uwf { "gz r ngt gu"j qy " t grki kwu"gf wecvkqp"gs vkr u"O kpcj cucp"y qo gp"vq"pcxki cvg"o qf gtp"uqekri'ej cmgpi gu"y j kw"o clpvckkpi " ewmwtn' cpf " ur tkwcn' eqo o ko gpv0' Vj tqwi j " kpvgtxky u" y kj " gf wecvqtu. " eqo o wpkv{ " ngcf gt u. " cpf " O kpcj cucp"y qo gp. "vj g'ct veng"cpn{ | gu"vj g"ko r cev'qh'Ej tkukcp"vgcej kpi u"qp"r gt uqpcn'f gxgnr o gpv. " ngcf gtuj kr . "cpf "uqekri't gur qpukdkk{ 0'Vj g'hkpf kpi u'wvi i guv'vj cv'Ej tkukcp"gf wecvkqp. "y j gp"eqpvz wcnk gf " y kj kp"O kpcj cucp"ewmwtn'g. "ut gpi vj gpi"vj g'tqng"qh"y qo gp"cu'ewmwtn'cpf "ur tkwcn'ngcf gt u. "hquvgtkpi "c" dcrpegf "kf gpvkv{ "vj cv'tgur geu"dqj "vcf kkkp"cpf "hckj 0'Vj ku'tgugcte j "j ki j rki j u'vj g'wpls wg'eqpvt kdwkqpu" qh'O kpcj cucp"y qo gp"vq"vj gk "eqo o wpkvku. "cu"vj gk "tqngu"ct g'uj cr gf "d{ "cp"gf wecvkqpcn'lt co gy qtn'vj cv' xcnwgu"dqj "ewmwtn'j gkci g"cpf "Ej tkukcp"r tlpkr ngu0

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### INNOVATION AND PERFORMANCE IN THE PUBLIC SECTOR L'INNOVATION ET LA PERFORMANCE DANS LE SECTEUR PUBLIC

Mohamed KARIM, Jamal JAFRAN, Karim GASSEMI, Salah-eddine KARIM

NCTPGF. "Hcewnf "qhlNcy. "Geqqo keu'cpf "UqekriClp"Ugdc- J CUUCP "KKWpkxgt ukf "qhlEucudrcpec."  
Oqtqeeq"

#### ABSTRACT

Vj ku'eqo o wplecvkqp"gzr nqt gu'c'pgy 'r ctfck i o 'hqt 'vj g'o cpci go gpv'qhr' wdrlc'qti cplk cvkqpu.'j ki j rki j vki " vj g'kppqxcvkqpu'pgeguuct { 'vq' b qf gtpk' g'b cpci go gpv' tcevegu'kp' vj g'r wdrlc'ugevqt0Y g'lvctv'd { 'cpen { | kpi " vj g'ewttgpv'ej cmgpi gu'heegf 'd { 'r wdrlc'qti cplk cvkqpu. 'uwej "cu' vj g'kpetgcukpi "eqo r ngez k' { 'qhl'qr g'cvkqpcn' gpxktqpo gpw'cpf 'vj g'f go cpf u'hqt 't'cpur ctgpe { 'cpf "ghh'ekgpe { 0

Y g' vj gp' kptqf weg' vj g' ng { "eqpegr w' qh' vj g' pgy " o cpci go gpv' r ctfck i o . " y j lej " kpeqr qtcvgu' ci kg' cr r tqcej gu. " t guwmu/ qtkpvgf " o cpci go gpv' " cpf " c " utqpi " hqewu" qp" r gthqto cpeg" cpf " ucngj qrf gt " gpi ci go gpv' Vj ku' o qf g'r' tqr qugu' c' t' gxlukqp" qh' t' cf k' k' k' p' c' n' r' t' cevegu' kp' t' c' x' q' t' " qh' c' " o q' t' g' f { p' c' o k' e' " c' p' f " c' f' c' r' v' d' r' g' " o c' p' c' i' g' o' g' p' v' u' w' r' g' " e' c' r' c' d' r' g' " qh' t' g' u' r' q' p' f' k' p' i " s' w' l' e' m' f { " v' q' " g' x' q' r' k' l' p' i " e' k' k' g' p' " p' g' g' f' u' " c' p' f " d' w' i' g' v' e' q' p' u' t' c' k' p' u' 0

Vj tqwi j 'ecug'uwf lgu'cpf 'r tceveci'gzco r ngu. 'y g' kmwutcvg' j qy 'vj ku' pgy 'r ctfck i o 'j cu'dggp' uweeguhlwm { " ko r ngo gpv'f "kp' xctkqu' r wdrlc'qti cplk cvkqpu. "ngcf kpi "vq' uki p' h' l' e' c' p' v' ko r tqxgo gpw' kp' t' gur qpuk' g' p' guu. " ugt' x' l' e' g' s' w' r' k' f { . " c' p' f " e' k' k' g' p' " u' c' v' k' u' h' c' e' v' k' p' 0' Vj g' t' g' u' w' m' u' f' g' o' q' p' u' t' c' v' g' " vj c' v' c' f' q' r' v' k' p' " vj ku' o' q' f' g' r' e' c' p' " n' g' c' f " v' q' " d' g' w' g' t' " t' g' u' q' w' t' e' g' " o' c' p' c' i' g' o' g' p' v' . " k' p' e' t' g' c' u' g' f " k' p' p' q' x' c' v' k' p' . " c' p' f " g' p' j' c' p' e' g' f " r' g' t' h' q' t' o' c' p' e' g' 0

Hkpcmf. " y g' f' k' u' e' w' u' " vj g' ko r h' e' c' v' k' p' u' " qh' vj ku' r ctfck i o " hqt " r wdrlc' " f' g' e' k' u' q' p' / o' c' m' g' t' u' " c' p' f " o' c' p' c' i' g' t' u' . " j' k' i' j' r' k' i' j' v' k' i' " vj g' u' v' r' u' p' g' e' g' u' u' c' t { " hqt " c' p' " g' h' g' e' v' k' g' " t' c' p' u' k' q' p' " v' q' " vj ku' pgy " o' c' p' c' i' g' o' g' p' v' o' q' f' g' r' 0' Y g' q' h' g' t' " e' q' p' e' t' g' v' g' t' e' q' e' o' o' g' p' f' c' v' k' p' u' " v' q' " h' e' k' r' k' c' v' g' " vj g' c' f' q' r' v' k' p' " qh' vj ku' g' u' g' pgy " r' t' c' e' v' e' g' u' " c' p' f " o' c' z' k' o' k' g' v' j' g' k' " ko r c' e' v' " q' p' r' wdrlc'qti cplk cvkqpu0

**Keywords:** 'Rctfck i o . 'O cpci go gpv. 'Kppqxcvkqp. 'Rgthqto cpeg0

"

#### RESUME

Egwg'eqo o wplecvkqp"gzr nqt g'wp'pqwgcw'r ctfck i o g'r qwt 'ng'o cpci go gpv'f gu'qti cplkcvkqpu'r wdrlc'wgu. " o gwcpv'gp' hwo k' t' g' r' u' k' p' p' q' x' c' v' k' p' u' p' 2' e' g' u' c' t' g' u' r' q' w' t' " o' q' f' g' t' p' k' u' g' t' " h' u' r' t' c' v' s' w' g' u' f' g' i' g' u' k' q' p' f' c' p' u' h' g' u' g' e' v' g' w' t' " r' w' d' r' l' c' 0' P' q' w' u' f' 2' d' w' q' p' u' r' c' t' " w' p' g' " c' p' c' n' f' u' g' " f' g' u' f' 2' h' u' " c' e' w' g' n' u' " c' w' z' w' g' n' u' " u' q' p' v' e' q' p' l' t' q' p' v' 2' g' u' " r' u' q' t' i' c' p' l' u' c' v' k' p' u' " r' w' d' r' l' c' w' g' u' . " v' g' n' u' " s' w' g' " r' e' " e' q' o' r' n' g' z' k' 2' " e' t' q' k' u' c' p' v' g' " f' g' u' " g' p' x' k' t' q' p' p' g' o' g' p' w' " q' r' 2' t' c' v' k' p' p' g' n' u' " g' v' " r' u' g' u' " g' z' k' i' g' p' e' g' u' " f' g' " t' c' p' u' r' c' t' g' p' e' g' " g' v' f' " g' h' h' e' c' e' k' 2' 0

P qwu'kptqf vkuqpu' gpuwkg' ngu'eqpegr w' eif' u' f' w' pqwgcw'r ctfck i o g' f' g' o' cpci go gpv. " s' w' k' l' p' v' 3' i' t' g' f' gu' cr r tqej gu' ci kgu. " w' p' g' " i' g' u' k' q' p' " c' z' 2' g' " u' w' " r' u' " t' 2' u' w' n' c' u' . " g' v' " w' p' g' " h' q' t' v' g' " q' t' k' p' v' c' v' k' p' " x' g' t' u' " r' " r' g' t' h' q' t' o' c' p' e' g' " g' v' " n' g' p' i' c' i' g' o' g' p' v' f' g' u' r' c' t' v' k' u' r' t' g' p' c' p' v' g' u' 0' E' g' " o' q' f' 3' n' g' " r' t' q' r' q' u' g' " w' p' g' " t' 2' x' k' u' k' q' p' " f' g' u' r' t' c' v' s' w' g' u' " t' c' f' k' k' q' p' p' g' m' g' u' " g' p' " h' e' x' g' w' t' " f' ) w' p' g' i' g' u' k' q' p' r' n' u' f' { p' c' o' k' s' w' g' " g' v' c' f' c' r' v' d' r' g' . " e' c' r' c' d' r' g' " f' g' t' 2' r' q' p' f' t' g' t' c' r' k' f' g' o' g' p' v' c' w' z' " d' g' u' q' k' p' u' 2' x' q' n' w' k' u' " f' g' u' e' k' q' { g' p' u' g' v' c' w' z' " e' q' p' t' c' k' p' v' g' u' d' w' f' i' 2' v' c' k' t' g' u' 0

i' " t' c' x' g' t' u' f' g' u' 2' w' f' g' u' f' g' e' c' u' " g' v' f' g' u' g' z' g' o' r' n' g' u' r' t' c' v' s' w' g' u' . " p' q' w' u' " k' m' w' u' t' q' p' u' " e' q' o' o' g' p' v' e' g' " p' q' w' g' c' w' r' c' t' f' c' k' i' o' g' " c' " 2' v' " c' r' r' i' s' w' 2' " c' x' g' e' " u' w' e' e' 3' u' " f' c' p' u' " f' k' x' g' t' u' g' u' " q' t' i' c' p' l' u' c' v' k' p' u' " r' w' d' r' l' c' w' g' u' . " g' p' v' c' p' c' p' v' " f' g' u' " c' o' 2' r' k' q' t' c' v' k' p' u' " u' k' i' p' h' l' e' c' v' k' g' u' " g' p' " v' g' t' o' g' u' f' g' t' 2' c' e' v' k' k' 2' . " f' g' s' w' r' k' 2' " f' g' u' l' g' t' x' l' e' g' u' " g' v' f' g' u' c' v' k' u' h' c' e' v' k' p' " f' g' u' e' k' q' { g' p' u' 0' N' g' u' t' 2' u' w' n' c' u' " f' 2' o' q' p' t' g' p' v' s' w' g' " n' c' f' q' r' v' k' p' " f' g' e' g' " o' q' f' 3' n' g' " r' g' w' " e' q' p' f' v' k' t' g' " < " w' p' g' " o' g' k' n' g' w' t' g' " i' g' u' k' q' p' " f' g' u' t' g' u' u' q' w' t' e' g' u' . " < " w' p' g' " r' n' u' i' t' c' p' f' g' k' p' p' q' x' c' v' k' p' " g' v' < " w' p' g' r' g' t' h' q' t' o' c' p' e' g' " c' e' e' t' w' g' 0

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

Gphk. "pqwu" f kwewqpu" f gu" lo r rkecvkpu" f g" eg" r ctef ki o g" r qwt "rgu" f<sup>2</sup> ekf gwtu" gv" rgu" i guvkppckt gu" r wdikeu. "gp" uqwiki pcpv" rgu" <sup>2</sup> vcr gu" p<sup>2</sup> eguuckt gu" r qwt " wpg" vcpukkkp" ghheceg" xgtu" eg" pqwxgcw" o qf<sup>3</sup> rg" f g" o cpci go gpvOP qwu" r tqr quqpu" f gu" tgeqo o cpf cvkpu" eqpet<sup>3</sup> vgu" r qwt " hcektkgt " hcf qr vkqp" f g" egu" pqwxgrgu" r tcvks vgu" gv" o czko kugt "rgwt " ko r cev'uwat "rgu" qti cplucvkkpu" r wdiks vguO'

**Mots-clés :** 'Rctcf ki o g. 'O cpci go gpv. "kppqxevkqp. "Rgthqto cpegO'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### FORMING PROFESSIONAL MOTIVATION IN UNIVERSITY STUDENTS

*Yerhanat Orolbek "*

*NPOI wo kř qx'Gwt cukcp'P cvkqpcn'Wpkxgt ukř . 'Hcewnř "qh'Ujekcn'Uekgpegu. '3uw{ gct 'f qewt cñlwwf gpv'kp" vj g'ur gekmř "qh'Ujekcn'Rgf ci qi { "*

*Zhumabekova Fatima Niyazbekovna "*

*Rj (F O'Uekgpvřke'Uwr gt xkuqt. 'Rt qhguuqt 'cv'NPOI wo kř qx'Gwt cukcp'P cvkqpcn'Wpkxgt ukř O'*

#### ABSTRACT

Vj ku" ct veng" r tqxkf gu" c" vj gqt gvlecn' cpcnř uku" qh" dqvj " hqt gki p" cpf " f qo guke" t gugctej gtu)" y qtmu" qp" f gxgnr kpi "r tqhguukqpcn'o qvxcvqp "kp"wpkxgt ukř "uwwf gpwO'F ghpkvqpu"qh'yj g"eqpegr v'qh'\$o qvkg\$ctg" r tqxkf gf O'Vj g'ct veng'f kuewuugu'ewt gpv'eqpvcf kvkpu't gncvgf "q'yj g't gugctej 'kuuwg. 'qwwrkpu'yj g'ut wewt g" hqt "f gxgnr kpi "uwwf gpw)"r tqhguukqpcn'o qvxcvqp. "cpf "gzr rkp'u"j qy "k'hqt o u" c'hqwpf cvkqp" hqt "c' hwwt g" r tqhguukqpcn'uweeguO'"

**Keywords:** O qvkg. "r tqhguukqpcn'o qvxcvqp. "kpvt pcn'cpf "gzvgt pcn'o qvkgu'kp' hgt pki . "uwwf gpwO'

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CONTROL OF A HYBRID RENEWABLE ENERGY SYSTEM WITH PV, BATTERY, AND FUEL CELL FOR DC BUS VOLTAGE REGULATION

*Sara ABSSANE*

##### ABSTRACT

Vj ku"uwf { "r t g u g p u" v j g" f g u k i p" c p f" e q p v t q n' q h' c" j { d t k f" t g p g y c d r g" g p g t i { " u { u v g o " e q p u k u k p i " q h' c" R j q v x q n c l e " \* R X + " u { u v g o . " Y k p f " V w d k p g" \* Y V + " D c w g t { " \* D C V V + " c p f " H w g n' E g n i" \* H E - 0 V j g" R X" u { u v g o . " y k j " c' e c r c e k { " q h' : 0' n Y . " u g t x g u' c u' v j g' o c k p' r q y g t' u q w t e g . " y j k g' v j g' d c w g t { " c p f " h w g n' e g n i' c e v' c u' d c e n w r " u q w t e g u' v q" g p u w t g' t g n c d n g' r q y g t' u w r r n { 0' V j g' r t k o c t { " q d l g e v k x g" q h' v j g' u w f { " k u' v q" e q p v t q n' v j g' u { u v g o a u" F E" d w u' x q n c i g' c v' c" t g h t g p e g" x c n w g" q h' 4 8 2 X" d { " g o r m { k p i " c" R t q r q t v k p c n' k p v g i t c n' \* R K" e q p v t q n g t " h q t" o c p c i k p i " v j g" q r g t e v k p" q h' v j g" r q y g t" e q p x g t v g t u 0' V j g" u { u v g o " g h g e v k x g p g u u" k u" x c r k f c v g f " v j t q w i j" u l o w r v k p u' w u k p i " O C V N C D I U k o w k p m" e q p u k f g t k p i " v j g" d c w g t { a u" o c z k o w o " e c r c e k { " q h' 7 2" C j " c p f " v j g" h w g n' e g n i' d c e n w r " r q y g t' e c r c e k { " q h' 4 0 6" n Y 0 T g u w n u' f g o q p u t c v g' v j g' u w e e g u u h w i t g i w r v k p q h' v j g' F E" d w u' x q n c i g' c p f " g h h e k g p v' k p v g i t e v k p" q h' t g p g y c d r g" g p g t i { " u q w t e g u . " e q p h k o k p i " v j g' h g c u k d k k v { " c p f " t g n c d k k v { " q h' v j g' r t q r q u g f " j { d t k f " u { u v g o 0'

**Key words:** F E / F E " d q q u v " . d k f k t g e v k p c n' e q p x g t v g t " . R j q v x q n c l e " u { u v g o . " u q r t " d c w g t { " . h w g n' e g n i . f e " d w u' x q n c i g' t g i w r v k p . " R K e q p v t q n g t 0

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ACTIVATION ENERGY OF CEMENT: ADVANCED PREDICTION USING ARTIFICIAL INTELLIGENCE TO ENHANCE CONSTRUCTION MATERIAL PERFORMANCE

*Merouane GUETTIOUI<sup>1</sup>, Yasmina KELLOUCHE<sup>1</sup>, and Abdelkader BOUGARA<sup>1</sup>*

*<sup>3</sup>"Ncdqt cvqt { "qh'Ut wewt gu."I gqvgej pkeu."cpf "Tkmu."F gr ctwo gpv'qh'Ekkt'Gpi kpggt kpi ."J cuukdc"  
Dgpdqwrk"."Ej rgh'Wpkxgt ukf"  
DR0373"J c {"Gu'ucrgo '24222'Ej rgh'  
"*

#### ABSTRACT

Cevkxcvqp"gpgti { "r r { u'c"etweln'tqrg"kp" f gyto lpkpi "vj g'r tqr gt vku"qh'ego gpv'cpf "ku'dgj cxkqt "f wt kpi " vj g'ewt kpi "r tqegu. f kt gev' "kpnwgpelkpi "vj g'ut gpi vj "cpf "f wtcdkxv' "qh'eqput wevkp"o cvgt kn0Ceewt cvgn' " r tgf levkpi "vj ku'gpgti { "ku'guugpvkcn'ht"qr vko k kpi "ego gpv'hto wv vkpu0Vj ku'uwf { "r tqr qugu'cp'cf xcepgf " r tgf levkxg"o qf grl' dcugf "qp" Ct v'hekcn'P gwtcn'P gy qt mu" \*CP P + "v" guko cvg" vj g'cev'xcvqp" gpgti { "qh' f k'ht gpv'v' r gu"qh'ego gpv'0"Vj g'o qf grl'ku'dvkn'wukpi "c"xcuv'f cvcugv'qh'gzr gtko gpv'nt guwmu."kpenwf kpi "c" xctkgv' "qh'eqo r qukkqpu"cpf "ewt kpi "eqpf kkkpu0'K' f go qpwt cvgu"ut qpi "r tgf levkxg"ecr cd'k'k'gu"y kj "c" eqttgrcvqp" eqgh'ekcpv' \*T+ "qh"; 6' "cpf "c" o gcp" uswctgf " gttqt " \*O UG+ "qh" 2023: ."tgh'gev'kpi "tgrkcdrg" r gthqto cpeg0C"vj qt qwi j "r ctco gvtle'cpcn'uku"eqphkto gf "vj g'o qf gn'u'tqd'wup'guu."cpf "ku'r tgf levkqpu'y gt g" eqo r ctgf "y kj "t guwmu"ht qo "gz k'v'kpi "uwf lgu."xcrkf cvkpi "ku'gh'gev'kx'gp'guu'0Vj ku'o qf grl'r tqxkf gu"c"dgwgt" wpf gtucpf kpi "qh" vj g" tgrcvkpuj k" dgvy ggp" ego gpv' eqo r qukkqpu" cpf "cev'xcvqp" gpgti { ." qh'ht kpi " t'gugctej gtu"cpf "gpi kpggtu" c" xcn'v'cdrg"v'qqr'ht "ko r tqxkpi "ego gpv' o k'zwt gu'0Vj g"t guwmu" uwi i guv' vj cv' k'p'vgi tvkpi "CKk'v'j ku'h'grf "eqwrf "uki p'k'lecpv' "gpj cpeg'v'j g'r gthqto cpeg'qh'o cvgt kn'k'p'ek'k'k'gpi kpggt kpi " cr r necv'kpu'0

**Keywords:** Cevkxcvqp"gpgti { ."Ego gpv.'Ct v'hekcn'P gwtcn'P gy qt mu."Rt gf levkxg"o qf gn'O gev' cplecn' r tqr gt vku'0

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ETHNOPHARMACOLOGICAL STUDY OF TRADITIONAL PLANTS USED IN THE NORTH-WEST OF ALGERIA

*Asma DJAHAFI, Leila AÏT ABDERRAHIM, Khaled TAÏBI, Khadidja MEKNASSI*

*Ncdqt cvqt { "qh'O qrgewrct "cpf "EgniDkqrqi { 0Hcewn { "qh'Nhg"cpf "Pcwt cniUekppegu. "Wpkxgt uk { "qh'Vkct gv." F gr ct wo gpv'qh'Dkqrqi { .36222. "Vkct gv."Cni gt kc0*

#### ABSTRACT

Vtcf kkpnci'cpf "eqo r ngo gpvct { "o gf lekpg'ku'i cklpi "kpetgculpi "ko r qt wpeg'ht "vj g'o cpci o gpv'qh'xctkqwu" cko gpv'Nkwg"ku" npqy p" cdqw" vj g' gy pqo gf lecn' npqy rgi g" kp" Cni gt kc0 Vj g' r t gupv' y qtm'ku" cp" gj pqr j cto ceqmi lecn'uwf { "cko lpi "vq" f qewo gpv' o gf lekpci'cpf "ctqo cvle" r rcpw" wugf "kp" vcf kkpnci' o gf lekpg"kp" vj g' pqt vj /y guv'qh' Cni gt kc0 "vq" uchgi wctf "mecl' r j cto ceqr qgk" cpf "gpj cpeg" vj g'ug" i gpgvle" uqwt egu. "y j lej "ecp" j gr "hqt" f twi u'f kueqxt { 0Ugo k'ut wewt gf "kpvgt xkgy u'y kj "86" j gtdcluv' y g' g'ectt kfg " qw'kp" ugxgt cni'gi kqpu" vj tqwi j "hgrf" uwf kgu. "kpenf lpi" r qr wrt" cpf "xgt pcewrt" pco gu'qh' vj g' o gf lekpci' r rcpw. "r ct w' wugf. "vzlek { "cpf "o qf g'qh' wug" co qpi "qvj gt" f cwc0 Vj g' t guwu' t gxcgrf "vj cv'329" o gf lekpci' r rcpw' dgrpi lpi "vq" 67 "hco kkgu" y g' g' wugf "vq" t gc' v' xctkqwu' f kugcugu0 Vj g' o quv' t gr t gupv' gf "hco kkgu" y g' g' Nco kegg. "Cr kegg. "cpf "Cwgtcegg00 qt gqxt. "vj g' o quv' ekvgf "ur geku" y g' g' Ugppc "vrgz cpf t kpc" O kn0 " Ctkrgz" j crko w' N0 "Dwpkw "kpetcuicwo "Co q" cpf "Hqgpkewmo "xwi ct g" O kn0 k'pvt gukpi n. "468" pgy " vj g' tr gwle "wugu" j cxg' dggp' f guet kdgf "hqt" f kugcug" o cpci go gpv' T go ct n' dnl. "Dwpkw "kpetcuicwo "Co q. " Gej kqr u' ur kqumu' N0 "cpf "O cnu' f go gukcc" Dqtnj 0y g' g' p' qv' r t gxlqwu' f "t gr qt vgf "cu" o gf lekpci' r rcpw' kp" P qt vj "Chlec. "kpenf lpi "Cni gt kc0" Qwt "t guwu" ct g' t g' xcpv' hqt "hwwt g' uwf kgu" kp" vj g' t g' g' cte j "hqt" p' q' x' grn' o qrgewgu' cpf "hqt" uchgi wctf lpi "mecl' npqy rgi g' cpf "dkqf kxgt uk { 0'

**Keys words** <vtcf kkpnci'cpf "eqo r ngo gpvct { "o gf lekpg" o gf lekpci' r rcpw" = gj pqr j cto ceqmi { . "Cni gt kc0

" " "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### INVESTIGATING THE CURRENT OBSTACLES OF WOMEN SEEKING EDUCATION IN AFGHANISTAN

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*Jamila Rahmani*

#### ABSTRACT

Vqf c{. "y qo gp"ctg"ppg"qh"vj g"o quv"ko r qt vcpv"cpf "lphwgpvcn"uqekni"i tqw u"lp"vj g"uqekgv{0'Cpf "r r{ u" ghgevkxg"cpf "cevkxg"tqrnu"lp"uqekni"r tqi tguu"cpf "uwuclpcedng" f gxgnr o gpv0Cvkwf gu. "dgrkghu. "qduwergu. " wre eqo kpi "ej cnrpi gu. "i gpf gt "utcvgi kgu"cpf "r tglwf legu"cdqw"vj g"cdkklkgu"cpf "ecr cdkklkgu"qh"y qo gp"ctg" c"dkl "qduwerg"vj g"gf wecvkqp"cpf "r ct vkr cvkqp"qh"vj ku"r ctv"qh"j wo cp"tguqwtegu"cpf "vj g" f gxgnr o gpv" r tqegu0Vj g"wpkxgtucnlf gerctcvkqp"qh"j wo cp"TKi j u"cpf "vj g"lpvgt pcvkpcnleqxgpcpv"qp"geqpqo ke. "uqekni" ( "ewnwten"TKi j u"ctg"co qpi "vj g"o quv"ko r qt vcpv" f qewo gpw"vj cv"go r j cuk g"vj g"tki j v"vq"gf wecvkqp" go r qy gto gpv"qh"y qo gp"ku"vj g"go r qy gto gpv"qh"vj g"y j qrg"j wo cpk{. "vj g"ghqtg. "gf wecvkqp"j cu"r r{ gf "c" xgt{ "ko r qt vcpv"tqrng"lp"y qo gp. "dw"vq"tgej "vj g" f gult gf "ukwcvkqp. "o qtg"r tcevekn"cpf "ghgevkxg"o gcuwtgu" ctg"pggf gf 0Kp"cf f kklqp"vq"r qrkkecnlhevqtu. "y j lej "ctg"vj g"o ckp"hevqtu"vj cv"j kpf gt"y qo gpau"gf wecvkqp"lp" Chi j cplncp0

Geqpqo ke. "ewnwten"cpf "uqekni"hevqtu"j cxg"vj gk"qy p"ko r cev0

Cu"rct"cu"vj g"vclpki "vq"go r qy gt"y qo gp"vq"r ct vkr cvg"y knidg"uqekni"vq"tgcik g"cpf "cej kxg"uwuclpcedng" f gxgnr o gpv0

Vj g"tqrng"qh"o cuu"o gf k"lp"vj g"r tqegu"qh" f gxgnr o gpv"cpf "gf wecvkqp"ku"xgt{ "hg{ "cpf "ecp"dg"lpxgukl cvgf. " cpf "lp"vj ku"ct veng"y g"y kni" f kuewu"vj g"tgrcvkpuj k" "dgw ggp"r qrkkecn"geqpqo ke. "ewnwten"cpf "uqekni" hevqtu"lp"vj g"gf wecvkqp"cpf "go r qy gto gpv"qh"y qo gp0

Y g"ecp"cnq"eqpukf gt "vj g"tqrng"qh"uqekni"o gf k"cu"ghgevkxg"lp"y qo gpau"gf wecvkqp"cpf "y j cv"tqrng" f qgu"vj g" o gf k"r r{ "lp"y qo gpau"gf wecvkqp"cpf "gf wecvkqpcn"qduwergu0

Kp"vj ku"ct veng. "y g"gzco kpg"vj g"tqrng"qh"vj g"o gf k"lp"y qo gpau"gf wecvkqp. "lpvgt pcvkpcn"uwr r qtv"cpf " r tqo qvqp"lp"y qo gpau"gf wecvkqp. "cpf "r qrkkecn"cpf "uqekni"qduwergu"vq"y qo gpau"gf wecvkqp0

KJ qr g"vj cv"Ky gni"dg"i kxgp"vj g"qr r qt wplk{ "vq"r t gupv"v"t gugctej "vq"r t gupv"vj g"ewtgpv"qduwergu"lp"vj g" gf wecvkqp"qh"y qo gp"lp"Chi j cplncp. "Vj cpni"qwxgt{ ""

Lco kx"Tej o cpk{ "dgpc" k"o qdctk{ ""

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### VIOLENCE AGAINST WOMEN IN THE CARRENT SOCIETY OF AFGHANISTAN

*Binazir Mubariz and Jamila Rahmani*

*Cj nwdc{v'kvt pcvkqpcn'Wpkxgt uk}. 'Kcp0'*

#### ABSTRACT"

Xkqngpeg'ku'cp{ 'n'kpf "qh'dgj cxlqt "cpf "y qtf u'y c'v'ecwug"j cto "qt"j cto "v'c'r gt uqp"qt "qvj gt 'r gqr ng0"Y j gp" c'r gt uqp. "y kj "vj g'kpv'v'kq'qh"j cto kpi . 'r gthqto u'o qxgo gpw'cpf "dgj cxlqt "qt "uc{ u'y qtf u'y cv'j wt v'j g" qvj gt 'r gt uqp"cpf "j cu'f qpg'vj g'cev'qh'xkqngpeg0"Xkqngpeg"j cu'f k'ht g'p'f ko gpukqpu0Xgt dcn "ut wewt'cn'qt" eww'wt'cn'xkqngpeg"v'cng'u'r n'eg. "y j lej "j cto u'cp"kp'f k'kf w'cn'qt "c"i tqwr "qh'r gqr ng"kp"vj g"uqekgv{0"Kp"vj g" ewt'gpv' eqpf k'k'qpu" qh" Chi j cpk'w'cp. " xkqngpv' ceu" dcugf " qp" i gp'f gt " v'j cv' ecwug" r j { u'lecn" ugz'w'cn' cpf " r u{ej q'qi k'cn'j cto "qt "u'w'ht k'pi "cpf "j ctcuuo gpv'qh'y qo gp. "k'p'w'f k'pi "vj tgc'u"v"r gthqto "vj gug"cew. " hqtegf "qt "qr v'k'p'cn'f gr t'k'c'v'k'pu"qh'ht ggf qo "k'p"r t'k'c'v'g'cpf "u'qek'cn'rhg0"Vj ku't'gugetej "c'ko u'v'q'cpuy gt "vj g" s'w'g'u'k'p"vj cv'cee'qtf k'pi "v"vj g'ewt'gpv'u{u'go "qh'Chi j cpk'w'cp0\$y j cv'ku"vj g'xkqngpeg"ci c'k'p'v'Chi j cp" y qo gp'ik'ng"kp"vj g'ewt'gpv'uqek'gv{A\$Hqt "vj ku'r w'r qug. "gh'ht u'ct'g'o cf g'v'q'gxc'w'v'g'vj g'uc'w'u'qh'y qo gp" kp"vj g'p'gy "u{u'go "qh'Chi j cpk'w'cp0"

**Keywords** <xkqngpeg. 'y qo gp. "Chi j cpk'w'cp"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### VALORIZATION OF PLANT WASTE FOR SUSTAINABLE TREATMENT OF INDUSTRIAL WASTEWATER

ZENATI Rania <sup>1\*</sup>, BOUCHERDOUD Ahmed <sup>1</sup>, BENDJELLOUL Meriem <sup>1</sup>,  
SEGHIER Abdelkarim <sup>1</sup>, AICHOUNI Sara <sup>1</sup> and ELANDALOUSSI El Hadj <sup>1</sup>

<sup>3</sup>Wpkxgt ukf "qht grk cpg. Hcewmf "qh'Uekpegu'cpf "Vgej pqrqi { .....  
Ncdqt cvqt { "qh'Gpxk qpo gpv'cpf "Uwuc kpcdrf "F gxgrqr o gpv'NGUF + .....  
F grctw gpv'qh'Ej go km { . 'T grk cpg. 'Cni gtc0'  
, <sup>3</sup>QTEK "KF <j wru<1qt ekf Qti D22; /222: /958; /4297"

#### ABSTRACT

Dkqeqo r qukg "o cvgt km" j cxg" uj qy p" gzeqr vkpcn' ghgevkxgpguu" kp" vtgc vpi " kpf wut kni' y cvgy cvgt " eqpvc o kpcvgt " d { " r qmwcpvu. " qhgt kpi " c" uwuc kpcdrf " cpf " equv ghgevkxg" cngt pcvkxg" vq" eqpxgp vkpcn' vtgcvo gpv'o gyj qf u'Qwt 't gugctej " j cu'rt ko ctkf " hgewugf " qp " cf uqtr vkp " nkp gveu. " y kj " cp " go r j cuku " qp " vj g " xcmqt k' cvkp " qh'pcwtenly cvgt " vq " lwr r qt v'gp xk qpo gpvcnr tqvgevkp " cpf " y cvgt " t guqwt eg " eqpugetxcvkp0Vj ku" r tqi t gukxg " cr r tqcej " pqv'qpnf " f go qpwt cvgu " vj g " ghgece { " qh' dkqeqo r qukgu " dw' cniq " wpf gt ueqt gu " vj gkt " r qvgt kni' t qrg " kp " cf xcpkpi " uwuc kpcdrf " y cvgt " t guqwt eg " o cpci go gpv "

**Keywords:** "dkqeqo r qukg. "o cvgt km. "nkp gveu. "cf uqtr vkp. "y cvgt0"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ASSESSMENT OF THE TOXICITY OF *TRIBOLIUM CONFUSUM* EXPOSED TO MENTHOL-LIMONENE BASED NATURAL DEEP EUTECTIC SYSTEMS (NADES)<sup>a</sup>

*Ružica Ždero Pavlović<sup>a</sup>, Aleksandra Popović<sup>b</sup>, Miloš Petrović<sup>b</sup>, Denis Uka<sup>a</sup>, Tatjana Jurić<sup>a</sup>, Aleksandra Petrović<sup>b</sup>, Boris M. Popović<sup>a</sup>*

<sup>c</sup>Ej go kam { "Ncdqt cvqt { . "F gr ctwo gpv'qHkgf "cpf "Xgi gxcdrg'Et qru. "Hcewn' "qH'Ci tkewnwt g. "Wpkxgt uk' "qH'P qxk'Ucf. "Vi "F qukglc "Qdt cf qxkec": . "43222'P qxk'Ucf. "Ugt dkc "

<sup>d</sup>Gpvqo qmji { "Ncdqt cvqt { . "F gr ctwo gpv'qH'Rj { vqo gf kelpg. "Hcewn' "qH'Ci tkewnwt g. "Wpkxgt uk' "qH'P qxk' Ucf. "Vi "F qukglc "Qdt cf qxkec": . "43222'P qxk'Ucf. "Ugt dkc "

"

#### ABSTRACT

*Vtkdqkwo "eqphmwo "ku"cp"ko r qt wcpv'r guv'qH'uxqgf "i tclp"r tqf weu. "r ctvlewrcn' "hqw. "cpf "qvj gt "ftkgf "hqf uwthUJ gt g. "wukpi "hwo ki cvkqp "gvu'cv'vj tgg'f kthgt gpv'vgo r gt cwt gu'42. "47. "cpf "52"ãE. "y g" gxcnvcgf "vj g" vqzkek' "qH' pcwrcn' gwgeve" o kz wt gu" \*P CF GU+ "dcugf "qp" o gpvj qn' \*O gp+ "cpf "rko qpgpg" \*Nko +0' P CF GU"j cxg" dggp" f guki pcvgf "cu"vj g" uqrxgpv' qH'vj g" hwwt g. "eqpukf gt kpi "vj cv'vj g' "eqpukv' qH'pcwrcn" dkqf gi tcf cdrg" r tqf weu. "cpf "cv"vj g" uco g" vko g" r quuguu" cp" gzege vqpcn' r qy gt "vq" f kuqrxg" qti cple" eqo r qwpf u0' k' tgegpv' { gctu. "vj g" wug" qH' guugpvkn' qku" hqt" r guv' eqpvtn' j cu" dggp" r qr wrcn' Cu" vj g" eqo r qpgpv' qH'P CF GU" ct g'vj g" o clp" eqo r qpgpv' qH' guugpvkn' qku. "vj g" cko "qH'vj ku'y qtnly cu" vq" gzco kpg" vj g' kpugevekf cn' qvgnkn' qH' gwgeve" u{ uvgu u'y j gt g'vj g' tcvk' qH'o gpvj qn' cpf "rko qpgpg" y cu' 3-3. "3-4. "cpf "4-30' Vj g" ngv' cn' f qugu" \*NE<sub>72</sub>. "NE<sub>2</sub>. "cpf "NE<sub>7+</sub> y gt g" f gvt o kpgf. "cpf "qz kf cvkxg" ut guu" r ctco gvt u' k' kpvzkecvf "kpugeu" y gt g' gzco kpgf 0' Vj g" j ki j guv' kpugevekf cn' cevkv' "y cu' hqw' k' u' uvgu u'y kj "j ki j gt" rko qpgpg" eqpv' cpf "vqzkek' "kpetgcugf "urki j v' "y kj "vgo r gtcwgt O' Hqt "O gp- Nko <sub>3-4</sub> u{ uvgu "NE<sub>72</sub> cpf "NE<sub>7+</sub> y gt g" 45067" cpf "7306; Ûn' NO' Eqpukf gt kpi "qz kf cvkxg" ut guu" r ctco gvt u' k' y cu' f gvt o kpgf "vj cv'vj g" O gp- Nko <sub>3-4</sub> u{ uvgu "kpetgcugf "NR" \*, 0 ' +cpf "cpv'kz kf cpv'cevkv' \*340 ' +k' kpvzkecvf "kpugeu"*

**Keywords:** kpugevekf cn' cevkv' . "rko qpgpg. "o gpvj qn' P CF GU. "Vtkdqkwo "eqphmwo "

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#### DESIGN AND EVALUATION OF NOVEL MX-106 HYDROXYQUINOLINE DERIVATIVES: 2D-QSAR MODELING, MOLECULAR DOCKING, DYNAMICS SIMULATIONS, AND ADMET PREDICTIONS FOR SELECTIVE SURVIVIN INHIBITION

Aloui Mourad\*<sup>1</sup>, Menana Elhalaoui<sup>1</sup>

<sup>3</sup>"NKO CUNcdqt cvqt { .Hcewnf "qhl'Uekpegu'Fj ct 'Grl'O c j t c | . 'Uk'k'O qj co gf 'Dgp' Cdf gncj 'Wpkxgt ukf . " Hgl . 'O qt qeeq"

#### ABSTRACT

Vj g"vti gpv'pggf "hqt" vj g" f gxgnr o gpv'cpf "f lueqxt { "qh" pgy "kpj kdkqtu" vti gvpi "uwxkxk" \*DKTE7+ " tgeqi pl gf "cu"ppg"qh"vj g"o quv'ki j vq "tgi wcvgf "i gpgu"kp"wo qt "egm. "vpf gtueqt gu"vj g"ewtgpv'tgugctej " hqewu'Uwxkxk"ugt xgu"cu"ur gekhe"eceptg "dkqo ctngt "cpf "tgr t gupvu" c"r tqo lukpi "vcti gv'hqt "cpv'ceptg " o gf kec'vqpu'Vj ku"uwf { "qwrkpgu"vj g" f guki p"o gvj qf qm { "go r m { gf "hqt"et'ch'kpi "c"ugt'kgu"qh"pqxgn'cpf " ugrgevxg" uwxkxk" kpj kdkqtu. " f tcy kpi " kpur k'cvkq" hqo " vj g" j { f tqz { s wkpqrkpg" hqo gy qtm' qh" qwt " r t g x k q w u n f " f q e w o g p v g f " r g c f " e q o r q w p f . " O Z / 3 2 8 0 "

Qwt "kpxguki cvkq" kf gpv'kku"pkpg"eqo r qwpf u'r tqlgv'f "vq" f go qpvt'cvg" j gki j vpgf "kpj kdkqt { " r qv'pvcn' eqo r ctgf "vq"vj g"o quv' r qv'pvo go dgt "y kj kp"vj g"uwf kgf "ug'k'k'xktq"cuuc { u'eqphk o gf "vj g"gh'gevxgpguu" qh"vj gug"eqo r qwpf u"kp"ko r gf kpi "vj g"r tqrl'gt'cvkq"qh"O F C/O D/657"dt gcu'ceptg "egm'0'Hwt vj gto qt g. " vj g"o gvcdqre"uvcdkkv { "qh"vj gug"eqo r qwpf u"uwtr cuugf "vj cv'qh"vj g"o quv'cv'kxg"o qrgewr"y kj kp"vj g"v'gu' ugv'0'

Go r m { kpi "4F/S UCT" o gvj qf u" gpeqo r cuukpi "o wnr rg" rkp'gct "tgi t guukq" \*O NT+ "o wnr rg" pqrkpgct " tgi t guukq" \*O P T+ "cpf "ct'v'k'k'k'cn'pgwcn'pgvy qtm" \*C P P+ "c'rpki ukf g"o qrgewr "f { pco leu. "o qrgewr " f qen'kpi . "cpf "CF O G V" r t q r g t v k u " g x c n v k q p . " y g " c u g u g f " v j g " x k c d k k v { " q h ' 5 3 " j { f t q z { s w k p q r k p g " u e c h q r f " f g t k x c v k g u " q h ' O Z / 3 2 8 " c u " u g r g e v x g " u w x k x k " k p j k d k q t u ' O q r g e w r t " f q e n k p i " u k o w r v k p u " y g t g " e q p f w e v g f " v q " i c w i g " v j g " u v c d k k v { " q h ' e q o r q w p f " E 4 6 . " t g x g r k p i " v j g " g u v c d k k u j o g p v ' q h ' o w n r r g " j { f t q i g p " d q p f u " y k j " f k x g t u g " t g u k f w g u ' C " u w d u g s w g p v " 3 2 2 / p u " o q r g e w r t " f { p c o l e u " u k o w r v k p " c h k t o g f " k s u " u w u c l p g f " u v c d k k v { " q x g t " v j g " g p v t g " f w c v k q p . " k p f k e c v k p i " v j g k t " r q v p v c n ' u w k c d k k v { " h q t " h w t v j g t " f t w i " f g x g n r o g p v ' g p f g c x q t u ' 0 "

Dwkrf kpi "wr qp"vj g"kpuki j u"i ct'p'gt gf "hqt" o qrgewr "o qf grkpi "qweqo gu. "y g" f gxkugf "pkpg" kpp'qxc'v'kxg" eqo r qwpf u" \*Rt gf 3. "Rt gf 4. "Rt gf 5. "Rt gf 6. "Rt gf 7. "Rt gf 8. "Rt gf 9. "Rt gf : . "cpf "Rt gf ; + "cpv'k'k' cvgf "d { "O NT" o qf gnu"vq"gzj kdkv' r qv'p'v'w'x'k'x'k'p'kpj kdkqt { "cv'k'k'k'v { O'Y g'cf xqecv'g'hqt "c"eqo r tgi gpuk'g'g'x'c'n'v'k'q'p'qh"vj g" CF O G V" r t q r g t v k u " q h ' v j g u g ' p g y n f " r t q r q u g f " e q o r q w p f u . " r q u k l q p k p i " v j g o " c u ' r t q o l u k p i " e c p f k f c v g u " h q t " r k q p g g t k p i " c p v ' c e p t g " c i g p v u ' v t i g v p i " u w x k x k " k p j k d k q p " c n k p " v q " O Z / 3 2 8 0 "

**Keywords** <S UCT. "wo qt"egm. "O qrgewr" F qen'kpi . "O qrgewr" f { pco le. "CF O G V" r t q r g t v k u . " ugrgevxg" uwxkxk" kpj kdkqtu. "eceptg. "O Z/328" j { f tqz { s wkpqrkpg" uech'q'f'0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE C-SRC KINASE INHIBITORS: 2D-QSAR STUDY BY MULTIPLE LINEAR REGRESSION METHOD

Salma. El Bahi<sup>1\*</sup>, Meryem. Boutalaka<sup>1</sup>, M.barek Choukrad<sup>1\*</sup>, Mohammed. Bouachrine<sup>1,3</sup> and Taher. Lakhlifi<sup>1</sup>

<sup>3</sup>"O qrgewxt 'Ej go knt { 'cpf 'Pc wnt cn'Uwdnc pegu'Ncdqt cxqt { 'F gr ct wo gpv'qh'Ej go knt { 'Hc ewn' 'qh' Uekpeg. 'Wplxgt uk' 'qh'O qwr { 'Kio c kn 'O gmp gu. 'O qt qeeq"

#### ABSTRACT

C"y q/f ko gpukqpcn's wcpkscvkg" ut wewt g/cevkvk { "tgrvqpuj kr "4F/S UCT +uwf { "y cu"eqpf wevgf "qp" c" ugtkgu"qh"56"r wtkpg" fgtkxcvkgu"ci ckpuv'e/Ute"v' tqukpg' nkpceg0Vj ku'cpcn' uku'ku'chgevgf "d { "y q"ucvukecn' o gjv qf u"kpvgi tcvgf "y kj "ZNUVCV"uqhy ctg<r tpekr cn'eqo r qpgpv'cpcn' uku"REC+"cpf "o wnr ng"rkpgct" tgi tguukqp"O NT +0Vj g"dguv'o qf gn'gucdrkj gf "d { "o wnr ng"rkpgct"tgi tguukqp" \*T<sup>4</sup>? 20 24. "S<sup>4</sup>ex? 2079." T<sup>4</sup><sub>gv</sub>? 208; 8+uj qy gf "xgt { "ucvukcevt { "tguwu0Vj g'r tqr qugf "S UCT"o qf gn'y cu"xgt kkgf "d { "kpvgtpcn'cpf " gzvgtpcn'vguu."uwej "cu"l' tcvf qo k'cvkqp'vgu'cvf "I qndcknj /Vtqr uj c'etkgtk0Vj g'f qo ckp'qh'cr r rdecdrk { "qh'vj g'O NT"o qf gn'j cu'dggp"lpxguki cvgf "wukpi "vj g"Y knko u'f kci tco "vq" f gvev'vj g'eqo r qwpf u'vj cv'tg" qwwkf g'vj ku'f qo ckp0

"

EXISTENCE OF SOLUTIONS FOR NONLINEAR NEUMANN PROBLEM WITH  
BOUNDARY CONDITION AND MEASURE DATA

Arij Bouzelmate<sup>1</sup>, Hassane Hjiat<sup>2</sup>, Inssaf Raiss<sup>3</sup>

<sup>3</sup>Hcewn{ "qh'Uekgpegu. 'Wpkxgt ukx{ 'qhl'cdf gro crgm'Guaccfk 'Vgqwp. 'O qt qeeq. "

<sup>4</sup>Hcewn{ "qh'Uekgpegu. 'Wpkxgt ukx{ 'qhl'cdf gro crgm'Guaccfk 'Vgqwp. 'O qt qeeq. "

<sup>5</sup>Hcewn{ "qh'Uekgpegu. 'Wpkxgt ukx{ 'qhl'cdf gro crgm'Guaccfk 'Vgqwp. 'O qt qeeq. "

"

Abstract

Vj ku'uwf { 'kp'vj ku'r cr gt 'vj g'ut qpi n{ 'pqrpkpget 'cpf 'pqp/eqgtekg'P gwo cpp''r tqdngo u'y kj 'dqwpf ct { " eqpf kxqpu<

$$Au + |u|^{p-2}u = \mu \text{ in } \Omega,$$

$$\sum_{i=1}^N (a_i(x, u, \nabla u) - g_i(x)) \cdot n_i = h(x) \text{ on } \partial\Omega,$$

''''

''

''

''

y j gt g'vj g't ki j vj cpf 'ukf g'dgmipi u'vq"  $L^1(\Omega) \cap W^{-1, \vec{p}}(\Omega)$ . "Y g'r tqxg"vj g'gzkwgpeg'cpf 'tgi wactkv{ "qh" vj g'y gen'cpf 'tgpqto crk gf "uqnwqpu' hqt "qwt "gnr vte"gs wvqpp0'

**Keywords:** 'Cpkuvtqr le "Uqdqngx'ur cegu. 'ut qpi n{ 'pqrpkpget 'gs wvqpp. 'y gen'luqnwqpu. 'tgpqto crk gf " uqnwqpu0'

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"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DIGITAL AGRICULTURE FOR IMPROVING RICE CROP MANAGEMENT IN MOROCCO: USING SENSORS AND REAL-TIME DATA

*Elwahab Fathalah<sup>1</sup>*

<sup>3</sup>Wpkxgt ukx "Klp"Vqwt:kn"Hcewn"qhl"Uekgpegu."Ncdqt cvqt {"qhlRrc:pv."Cpko cn"cpf "Ci tq/"Kpf wmt {"  
Rt qf wevkqpu."DR0464."36222"Mgpkt c."O qt qeeq"

*Ziri Rabea<sup>2</sup>*

<sup>3</sup>Wpkxgt ukx "Klp"Vqwt:kn"Hcewn"qhl"Uekgpegu."Ncdqt cvqt {"qhlRrc:pv."Cpko cn"cpf "Ci tq/"Kpf wmt {"  
Rt qf wevkqpu."DR0464."36222"Mgpkt c."O qt qeeq"

*Brhadda Najiba<sup>3</sup>*

<sup>5</sup>Wpkxgt ukx "Klp"Vqwt:kn"Hcewn"qhl"Uekgpegu."Ncdqt cvqt {"qhlRrc:pv."Cpko cn"cpf "Ci tq/"Kpf wmt {"  
Rt qf wevkqpu."DR0464."36222"Mgpkt c."O qt qeeq"

*Hassan Boukita<sup>4</sup>*

<sup>6</sup>Wpkxgt ukx "Klp"Vqwt:kn"Hcewn"qhl"Uekgpegu."Ncdqt cvqt {"qhlRrc:pv."Cpko cn"cpf "Ci tq/"Kpf wmt {"  
Rt qf wevkqpu."DR0464."36222"Mgpkt c."O qt qeeq"

*Chatto Abdelaziz<sup>5</sup>*

<sup>7</sup>Tgi kqpcnE gpvgt "qhl"Ci t kewnwt cnT guget ej "qhlMgpkt c."DR0479."36222"Mgpkt c."O qt qeeq"

*Sedki Mohamed<sup>6</sup>*

<sup>8</sup>Tgi kqpcnE gpvgt "qhl"Ci t kewnwt cnT guget ej "qhlMgpkt c."DR0479."36222"Mgpkt c."O qt qeeq"

#### ABSTRACT

F ki kcn'ci tlewnwt g'r t gupvu"tcpuht o c'xg"er r tqcej "v"gpj cpeki "tleq"etqr "o cpci go gpv'lp"O qt qeeq" vj tqwi j "vj g" l'pvi tcvkp" qh"ugpuqt "vej pqmji {"cpf" tgn'vko g" f cve" cpcn'uku' Vj ku" uwf {"gzr mt gu" vj g" r qv'pvcn'qhl'wukpi "f ki kcn'vqnu'v'cf f t gu'hg{"ej cngpi gu'lp"O qt qeeq"tleq"t qf wevkqpu."lpenw' lpi "t guwteq" rko kcvkqpu." gpxktqpo gpvcn' ut guqtu." cpf" erko cvg" xct'cdk'k'{'0' D{" ko r ngo gpv'ki " uqki" o qluwtg." vgo r gtcwtg."cpf "pwt'kpv"ugpuqtu."c'qpi ukf g"uc'v'ng'k'g"ko ci gt {"cpf "ftqpg/dcugf" o qpkqt'kpi ."tgn'vko g" f cve"eqm'ge'v'kp" gpcdr'u" r t gekug"eqvt'qil'qxgt"kt'ki cvkqpu."h'g'v'k'k' cvkqpu."cpf "r guv'o cpci go gpv'r tce'v'ge'u' Rt'gf'lev'xg" o qf'gu." f g'x'gn'r'gf" ht'qo " vj g'ug" f cve." c'ny " g'c'n' " f g'v'ge'v'kp" qh" etqr " f k'ug'c'ug" cpf " r guv' k'p'h'g'v'cv'k'qpu." ko r tqx'kpi " r t'g'x'gp'v'x'g" o g'cuwt'gu" cpf " o k'p'ko k' k'pi " etqr " m'u'gu'0' H'w'v'j' g'to' q'tg." cw'qo' cv'gf" kt'ki cvkqpu"u' u'vgo u."v'c'k'q't'gf" v'q' r' n'p'v'ur' g'ek'k'p'g'g'f' u." r' t'q'o' q'v'g' u'w'v'c'p'c'd'ng'y' cv'gt'w'ug'o' cp" g'u'g'p'v'c'n'ld'g'p'gh'k' l'p"O qt qeeq"u'ct'k'f" t'gi' k'q'pu'0' T'g'n'v'ko' g' f cve" cpcn' v'eu."eqo d'k'p'gf" y' k'j "c" e'g'p't'c'k'k' g'f" r' n'v'ht'o' ."h'c'ek'k'c'v'g" f cve/f't'k'x'gp" f' g'ek'k'q'p'o' c'n'k'pi "h'q't" r' t'q'f' v'eg'tu." g'p'u'w'k'pi "eq'v'k'p'w'q'w'u" o q'p'k'q't'k'pi "cpf "c'f'c'r'v'x'g" o cpci go gpv' qh"tleq" h'g'f' u'0' Vj ku" er r tqcej "pq'v'q'p'n' "gpj cpegu" {k'g'f" cpf "i' t'cl'p" s'w'ek'v' {"d'w'c'n'q" eq'v't'k'd'w'gu"v" h'q'q'f" u'g'ew't'k'f" cpf "u'w'v'c'p'c'd'ng'ci tlewnwt'c'n'l' tce'v'ge'u'lp"O qt qeeq'0' Vj g' u'w'f {"u'w'i' g'u'u'v'j' cv'ko' r' ngo' gpv'ki "f ki kcn' ci tlewnwt'g'y' k'j' l'p"v'j' g'0' qt qeeq"tleq" u'g'ev't'eq'w'f' i' t'g'c'v'n' "gpj cpeg" r' t'q'f' v'ek'k'k'f' ."t'g'uk'k'g'peg" cpf "t'g'u'w't'eg" g'h'le'k'p'e' {"g'uc'd'k'uj' l'pi "c" o' q'f' g'rl'ht" y' k'f' g't'c'f' q'r' v'k'p'k'p" q'y' g't'et'qr "u' u'vgo u'c'et'quu"v'j' g't'gi' k'q'p'0'

**Keywords:** F ki kcn'ci tlewnwt.g. Tleq'etqr "o cpci go gpv'." Ci tlewnwt'c'n'V'gej pqmji {"."O qt qeeq'0'

"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MEDIATING EFFECT OF ORGANIZATIONAL COMMITMENT IN THE RELATIONSHIP BETWEEN JOB SATISFACTION AND EMPLOYEE PERFORMANCE IN MUBI SOUTH, ADAMAWA STATE

*Dr Daniel Marcel*

*Fgrctwo gpv'qhlDwkpguu' Cf o kpkmt cvkqp "*  
*Owfkco g'Wpkxgt ukf. 'Kt cw: 'Gf q' Ucvg. 'Pki gt kc "*

*Francis Michael*

*Fgrctwo gpv'qhlDwkpguu' Cf o kpkmt cvkqp "*  
*Cfco cy c' Ucvg' Wpkxgt ukf. 'Owdk*

*Patience Victor Nuhu*

*Fgrctwo gpv'qhlDwkpguu' gf wecvkqp "*  
*Cfco cy c' Ucvg' eqngi g' qhlGf wecvkqp. 'J qpi "*

#### ABSTRACT

Vj g' kuwng' qh' go r m { gg' ucwukcevkqp" j cu" dggp" o qo gpvqwu" kp" tgegpv' vko gu" vq" vj g' f gxxmtr o gpv' cpf " ceeqo r nkuj o gpv' qh' qti cpk cvkqpu "i qcnu" cpf " qdlgevxgu' Vj g' r wtr qug' qh' vj ku' uwf { "ku' vq' gzc o kpg' vj g' o gf kvkpi " ghgev' qh' qti cpk cvkqpcn' eqo o ko gpv' kp" vj g' t gtrcvkpuj kr " dgvy ggp" lqd" ucwukcevkqp" cpf " go r m { gg' r gthqto cpeg' kp' Cfco cy c' ucwv' Vj g' uwf { "y kn' cf qr v' f guetkr vxg' t' gugetej " uwtxg { '0C' uco r ng' uk' g' qh' 3; 8" go r m { ggu' y cu' vengp' hqt " vj g' t' gugetej " uwf { " t gr t' gugetej " cp" g' vkt g' r qr wv' vkqp" qh' 622" go r m { ggu' qh' O wdk' uqwj " Nqecni' qxgtpo gpv' ctg' qh' Cfco cy c' Ucvg' 0" F cv' hqt " vj g' uwf { " y cu' eqmgev' r tko ctkn' " vj tqwi j " utwewt gf " s' wgvkppck g' 0" Vj g' uwf { " wugf " kphgt g' vkn' ucwukcevkqp" c' pcn' v' ecn' v' gej pks wgu' vq" c' pcn' | g' vj g' xctkcdrgu. " wukpi " Ucvkuecn' Rtqi tco " hqt " Uqekni' Uelgpegu' " URUU. " 48+0 Ucvkuecn' kpuw' wo gpv' vq" dg' wugf " hqt " vj g' t' gugetej " c' pcn' uku' y kn' o clpn' " dg' " kphgt g' vkn' ucwukcevkqp. " ur gek' k' ecm' " o wv' kr ng' t' gi t' gukqp" c' pcn' uku' H' qo " " vj g' k' pxg' vki cvkqp " " f qpg. " " k' " " ku' " " f go q' p' utcv' gf " " vj cv' " y q' t' ngtu' " qy p' " ej ctcevg' t' k' ue. " y q' t' n' g' p' x' k' t' q' po g' p' v' " cpf " uwr g' t' x' k' u' k' q' p' " j cu' uki p' k' h' e' c' p' v' " cpf " r qu' k' k' x' g' " " ghgev' " vqy c' t' f " " go r m { g' g' u' " " r g' thqto c' peg' 0' Uko k' r' t' n' f. " vj g' t' guwv' t' g' x' g' cm' vj cv' qti cpk cvkqpcn' eqo o ko gpv' o gf kvgu' dgvy ggp' y q' t' ngtu' qy p' ej ctcevg' t' k' ue. " y q' t' n' g' p' x' k' t' q' po g' p' v' " cpf " uwr g' t' x' k' u' k' q' p' " cpf " go r m { gg' r g' thqto c' peg' 0' k' p' " x' k' y " qh' vj g' cdqxg' h' p' f' k' pi u' vj g' uwf { " k' ku' t' geqo o g' p' f' g' " vj cv' UO Gu' k' p' O wdk' Uqwj " u' j q' w' f " eqo o ko gpv' kp' o cnkpi " y q' t' n' k' pi " " g' p' x' k' t' q' po g' p' v' " eq' p' f' v' e' k' x' g. " " uq' " vj cv' " vj g' y q' t' ngtu. " " e' c' p' " " u' g' g' " vj g' k' t' " y q' t' n' k' pi " " g' p' x' k' t' q' po g' p' v' " cu' " vj g' k' t' " u' g' e' q' p' f' " " j qo g' cpf " uwr g' t' x' k' u' k' q' p' " u' j q' w' f " dg' " ghgev' k' x' g' " uq' " cu' vq' " cej k' x' g' " go r m { gg' r g' thqto c' peg' 0' " " "

**Keywords.** "go r m { gg' ucwukcevkqp. " qti cpk cvkqpcn' eqo o ko gpv. " UO Gu' r g' thqto c' peg' "



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SYNTHESIS OF BIODIESEL VIA BASE-CATALYZED TRANSESTERIFICATION OF NON-EDIBLE SEED OIL

Noreen Sajjad<sup>1\*</sup>, Arfa sajid<sup>1</sup>, Muhammad yasir<sup>1</sup>

<sup>3</sup>F gr ct w gpv'qhEj go kmt { . 'Wp kxgt ukv' 'qhNcj qt g. 'Ncj qt g/76222. 'Rcnkucp"

"

#### ABSTRACT

Gpgti { "ku"guugpvkcn'ht "vj g'cf xcpago gpv'qh'uqekgv{0'Dw'vj g'vcf kkkpcn'wug'qh'vj gug'pcwtcm{ "qeewttkpi " hquukihwgn'ku'pqv'gpxktqpo gpwcm{ 'htkppf n{ 'cpf "wpuwvckpcdng0Qp'vj g'qyj gt 'j cpf . 'dkqf kgugnr t gugpv'ksugnr' cu'c'xcnwdrg. "uwvckpcdrg. "cpf "geq/htkppf n{ "uwvckpcdrg'cngt pcvkxg'qh'hquukihwgn0"

Vj g'i qcn'qh'vj g'ewttgpv'uwf { "ku'v'gzco kpg'pqp'gf kdr'pggo 'uggf "qkn'u'r qvcpvkn'ht "u{pvj guku'qh'dkqf kgugnr' xlc'dcug/ecvncf | gf "vcpugvgt kkecvkqp0"Vj g'o qret 'tcvq'qh'creqj qn'vq'qkn'vj g's wcpvkv' "qh'ecvncf uv.'cpf "vj g" tgecvkqp" f wcvkqp" y gt g' cm' qr vko k gf " wukpi " vj g" Vci vej k' o gvj qf 0' I E" cuegtvckpfgf " vj g" hcw{ " cefk " eqo r qukkqp'qh'dqj "qkn'cpf "dkqf kgugnr0"

O gvj { n'gugvt'eqwrf "dg'qdvckpfgf "y kj "c'ecvncf uv'y gki j v'qh'304' . 'c'pggo "qkn'vq"o gvj cpqn'vq"o qret "

tcvq'qh'3-8. "cpf "c'tgecvkqp'r g'kqf "qh"; 2"o kpwgu0Vj g'j ki j guv'r gtegpvci g'eqvtdwvckqp'qh'dkqf kgugnr'eco g' htqo " 97Q ' " O qret " tcvq'qh' creqj qn' vq' qkn' cpf " 4207' " y vly v' co qwpv' qh' ecvncf uv' Hwj gto qt g. " vj g" ej ctcevgt kvku'qh'vj g'r tqf wegf "dkqf kgugnr'y gt g'gxcnwcvgf "kp'c'xctkv{ "qh'eqpf kkkpu. "kpenvf kpi "xctkcvkqpu" kp'vj g'r tqf qt vq'qh'dkqf kgugnr'kp'hwgn'drgpf u0Gpi kpg'r g'htqo cpeg'cpf 'r qmwwkqp'go kuukqpu'y gt g'gzco kpgf " vq'ugg'vj g'uwkcdkkn' "qh'pggo /f gt kxgf "dkqf kgugnr'cu'c"uwdvkwvg'ht "i cuqkpg0Ceeqtf kpi "vq'vj g't guwmu. " pggo "dkqf kgugnr'ucvukgu"CUVO 'F 8973'tgs vkt go gpw. "gpwv'kpi "ku'uwkcdkkn' "ht "f kgugnr'gpi kpgu0"

Gzr gtlo gpw'v'gugvf . "vj cv'dkqf kgugnr' tqf wegf 'htqo "C/cf kcej v' kpf kec' hqmqy u'vj g'i tggp'ej go kmt { 'y j kej " j gr u'lp'dgvgto gpv'qh'vj g'erko cvg'cpf "cev'cu'hwvt'g'uwdvkwvg'ht "i cuqkpg'gpi kpgu0"

**Key words:** dkqf kgugn "Vcpugvgt kkecvkqp. "dcug'ecvncf | gf

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ANALYSE THE SEISMIC PERFORMANCE OF HIGH-RISE STRUCTURES ACCORDING TO ALGERIAN STANDARDS

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**Mohammed OUALI**

*RJ F'OU'Mj go ku'O ktkpc "Wpkxgt ukx. "Hcewnx "qhl'Uekgpeg"cpf "Vgej pqrqi { . 'F gr ctvo gpv'qhl'Ekxkl' Gpi kpggt kpi . 'Ncdqt cxqt { "qhl'Ceqwanku'cpf 'Ekxkl'Gpi kpggt kpi . 'Cni gt ,c "*

**Mahfoud TOUHARI**

*FtO'Mj go ku'O ktkpc "Wpkxgt ukx. "Hcewnx "qhl'Uekgpeg"cpf "Vgej pqrqi { . 'F gr ctvo gpv'qhl'Ekxkl'Gpi kpggt kpi . 'Ncdqt cxqt { "qhl'Ceqwanku'cpf 'Ekxkl'Gpi kpggt kpi . 'Cni gt ,c "*

"

#### ABSTRACT

Vj g'ugkuo le'tgur qpug'qhl'dwrf kpi "utwewtgu'ecp'dg'gxcnvcvf "vj tqwi j "xctkqwu'cpcnf vlecn'gej plsgu. "gcej " f khtg kpi "kp'cuuwo r vkpu'cpf 'hxgn'qhl'eqo r ngzkv'OVtcf ktkpcn'bo gyj qf u'tgnf "qp'gs wlxcrngpv'ucvle'cpcnf uku. " y j kg"eqpgo r qtct { "r tcevegu" kpetgcukpi n' "cf qr v' pqrkpgct "cpcnf uku' kpi "vj ku'uwf { . "y g' g'zr mtgf "vj g" ugkuo le" r ghtqo cpeg" qh' o wnk'uvqtg { " dwrf kpi u" f guki pgf "ceeqtf kpi "vq" Cni gt kcp" uvcpf ctf u. " cr r n' kpi " pqrkpgct "cpcnf uku" vq "gxcnvcvf" uvcvle" cpf "t gur qpug" ur gevto " r tqegf wt gu' tgeqo o gpf gf "d { "vj g'eqf g'OC" r tgrko kpcnt { "uwf { "qp" c" dwrf kpi "wukpi "vj tgg" f khtg g'v'cpcnf vlecn' o gyj qf u'cmqy gf "wu" vq" cuugu" ugkuo le" t gur qpugu" cpf "eqo r ctg" vj g' xctk'vkpu" kpi "qweqo gu' OY g' cmq "gxcnvcvf" gcej " o gyj qf u' cdkkx' "vq" r tgf lev' f ghtqo cvkqp" f go cpf u" cpf " r quukdr" h'knt g" o gej cpkuo u' T guwnu" uj qy gf "pqvdr" f khtg gpegu" cetquu" o gyj qf u. " rcf kpi "wu" vq" cpcnf | g" gcej " o gyj qf u' cf xcpwi gu" cpf " rko kcvkpu" tgi ctf kpi " wcdkx' " cpf " ceewtce { "kp" r tgf lev' kpi "ugkuo le" dgi cxkqt O'Ej qqkpi "vj g' cr r tqr tlcvg" ugkuo le" cpcnf uku" o gyj qf "tgs wkt gu" dcrpe kpi "vj gug' h'cevqtu" vq" uwk' vj g' ur gekhe" tgs wkt go gpvu' qh' vj g' utwewt g' O'

**Keywords** <TRC; ; 4225/4246. "Dwrf kpi "rcvgt cni ki k' kv. "Rwuj qxgt" cpcnf uku. "TE" h'co gf "dwrf kpi O'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EVOLVING STANDARDS FROM IFRS 4 TO IFRS 17 IN ALGERIAN INSURANCE - IMPLICATIONS FOR DISCLOSURE AND GOVERNANCE

*DAHMANI Yacine Mohamed*

*Rj F 'lawf gpv: 'O qwrqwf 'O co o gt { 'Wpkxgt uk}. 'NCTGO Q'Ncdqt cvqt { . 'Vkj k'Qw} qw: 'Cri gt kc*

*AMEUR Imane*

*Rj F 'lawf gpv: 'O qwrqwf 'O co o gt { 'Wpkxgt uk}. 'NCTGO Q'Ncdqt cvqt { . 'Vkj k'Qw} qw: 'Cri gt kc.*

#### ABSTRACT

Vj ku"uwf {"clo u"vq"gzco kpg"vj g"tgrvkapuj kr "dgy ggp"ceeqwvki "f kuenquwtg"cpf "i qqf "i qxgtcpeg." r ct vewctn { "kp"vj g"eqpvz v"qh"KHTU"39"Kpuwtcpeg"Eqptcew"KHTU"39"lptqf wegu"pgy "tgs vkt go gpw"vj cv" tgr rceg"vj g"lptvko "uwpfctf "KHTU"6."o cnki "k"vj g"htuw"eqo r tgi gpukg"uwpfctf "vktqf "vq"vj g"i rjdn" kpuwtcpeg"ugevq"KHTU"37"cpf "KHTU"; .hckkcvki "vj g"ctn { "cf qr vqp"qh"vj gug" uwpfctf u"Vj g"tugctej "j ki j rki j vu"vj g"ej cmgpi gu"qh"lhtg pvcvki "kpuwtcpeg"eqptcew"lhtqo "qvj gt "v"r gu" qh"eqptcew."go r j cuk kpi "vj g"ko r qt cpeg"qh"geqpqo ke"tgerk { "qxgt "rgi cn" f ghkpkapu"Vhko cvgn { . "vj g" eqppgevq"dgvy ggp"KHTU"39"cpf "vj g"qvj gt "uwpfctf u"rku"kp"vj g"utvewt g"qh"lhtg pvcvki "kpuwtcpeg"eqptcew."y j lej " o c { "gpeqo r cuu"xctkqu"eqo r qpgpv. "kpenf kpi "f gt kcvkxgu"cpf "eqo o ko gpw"lhtqo "pqp/kpuwtcpeg"i qqf u" cpf "ugt xlegu"Vj ku"crki po gpv"tghqtegu"vj g"uki plhtcpeg"qh"ceewcvg"ceeqwvki "f kuenquwtg"kp"r tqo qvki " i qqf "i qxgtcpeg"y kj kp"vj g"lhtg pvcvki "kpuwtcpeg"lhtqo

**Keywords:** "Ceeqwpvki "f kuenquwtg "kpuwtcpeg"eqptcew. "kpvgt pcvkpcn"lhtg pvcvki "Uwpfctf "39" kpuwtcpeg"eqptcew. "kpvgt pcvkpcn"lhtg pvcvki "Uwpfctf "; "lhtg pvcvki"lhtg pvcvki "kpuwtcpeg"eqptcew. "kpvgt pcvkpcn"lhtg pvcvki "Uwpfctf "37"Txgpwg"lhtqo "eqptcew"y kj "ewuqo gtu."i qxgtcpeg"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### PHYTOCHEMICAL ANALYSIS AND *IN VITRO* ANTIOXIDANT AND ANTIDIABETIC ACTIVITIES OF QUINOA (*CHENOPODIUM QUINOA* WILLD.) SEED EXTRACTS

Zaina Idir<sup>1\*</sup>; Fatima Aouinti<sup>1</sup>; Rhizlane Abdnim<sup>1</sup>; Ilham Abidi<sup>2</sup>; Mohamed Bnouham<sup>1</sup>; Nadia Gseyra<sup>1</sup>

<sup>3</sup>Ncdqt cvqt { "qh'Dkqt guuqwt egu. 'Dqkgej pqrqi { 'Gvj pqr j cto ceqrqi { "cpf "J gcnj. 'Hcewnf "qh'Uekgpegu. " Oqj co o gf 'Hkt uw'Wpkxgt ukf. 'Qwlf c '82222. "O qt qeeq" <sup>4</sup>"J cuucp "KKKpukwng"qh'Ci t qppo { "cpf "Xvggt kpct { "uekgpegu. 'Tcdcv'32334. "O qt qeeq" "

#### ABSTRACT

Qzkf cvkxg"ut guu"r r{ "u" c"o clqt "t qng"kp" f kcdgk"r j { ukqr cvj qmri { =j gpeg. "vj g"kpvgt guv"qh" wukpi "pcwtcn" cpvkzlf cpv"cu"vj gter gwle"vqqu"gz kuu0S wkpqc" \*Ej gpqr qf kw "s wkpqc "Y knf 0: "pcvkxg"vq"Uqwj "Co gt lec" cpf "dgnpi kpi "vq"vj g"lco kn "Ej gpqr qf kcegcg. "ku" c"uggf "etqr "vj cv"gzj kdku"dtqcf "i gpgk" f kxgtukf. " gpcdrkpi "k"vq"cf cr v"vq"xctkqu"vwi j "gpuktqpo gpv. "kpenf kpi "j ki j rcpf u. "ucrkpkf. "ftqwi j v."cpf "lt qu0" Vj g"clo "qh"vj ku"uwf { "y cu"r"qxcnvcg"vj g"kp "xkt q"cpvkzlf cpv"cevkxkf { "cpf "kpj kdkqt { "r qvgrvcrn'qh's wkpqc" uggf "gz tcew"ci clpuv'ng { "gp { o gu"rkpmgf "vq"j { r gi n'ego k00 qtgqxt. "c"r j { vqej go kecn'cpcn'uku"qh"vj g" vguvf "gz tcew"y cu'ecttkgf "qw0" Cpvkzlf cpv"cevkxkf { "y cu"r gthqto gf "wukpi "4.4 / f kr j gp { n3/r let { nj { ftc | { n' \*FRRJ + "cpf "hgttke"t gf wukpi " cpvkzlf cpv" r qy gt " \*HTCR+" o gj qf u0' Vj g" /i nveukf cug" cpf " /co { rucg" kpj kdkqt { "cevkxkku" y gt g" kpxguki cvgf "wukpi "cp"kp "xkt q"o qf gt0

Vj g"j { ftqgy cpqrle "gz tcev'qh's wkpqc"gzj kdkgf "vj g"j ki j guv'cpvkzlf cpv"cevkxkf { "kp"dqj "FRRJ "cpf "HTCR" o gj qf u. "y kj "E72?20 ; ; 02035" o i lo N"cpf "E72?30770203" o i lo N. "t gur gevkgu'0'Vj ku"gz tcev'cnuq" f go qpustcvf " vj g" ut qpi guv" kpj kdkqt { " ghge'v" ci clpuv" /i nveukf cug" \*E72?" 206; 402026" o i lo N+0' J qy gxt. "vj g"cs wqqu"gz tcev'uj qy gf "vj g"j ki j guv'kpj kdkqt { "ghge'v"ci clpuv" /co { rucg" \*E72?20780202; " o i lo N+0'Hwtj gto qt g. "vj g"t guwu"lpf lecvgf "j ki j "ngxgu"qh'r j gpqrle "eqvgrv0'Vj g"kpj kpi u"uwi i guv'vj cv" vj ku'r rcpv'eqwf "dg" c"uki plkecpv'uqwt eg"qh'o gf lecm { "lo r qt vcpv'pcwtcn'eqo r qwpf u0'

**Keywords:** Ej gpqr qf kw "s wkpqc =Gz tcew=Cpvkzlf cpv"cevkxkf =Cpvk kcdgk"cevkxkf =Rj { vqej go kecn' Cpcn'uku"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TUDUN WADA NEIGHBORHOOD REVITALIZATION STRATEGIES IN KADUNA, NIGERIA

*Aliyu Hassan*

*F g r c t w g p v' q h E k k l' c p f' G p x k t q p o g p v c n' G p i k p g g t k p i . ' C k t ' H q t e g' k p u k w w g' q h V g e j p q r q i { . "*

*P k i g t k c p' C k t ' H q t e g . ' M c f w p c / P k i g t k c "*

"

#### ABSTRACT

Vj g'r wtr qug'qh'v ku'uwf { 'ku'v'cuugu'v'j g'xctkqwa'wtdcp'tgi gpgtcvkqp'utvcgi kgu'cpf 'tgeqo o gpf 'vj g'o quv' ghgevkxg' qpg' hqt' Vwf wp' Y cf c0' Vwf wp' Y cf c0' uqekqgeppqo le' ukwcvkqp' j cu' ecwugf' gpxktqpo gpvcn' f gi tcf cvkqp=wr i tcf kpi 'ku'wkrk' gf 'v'v' { 'v'ko r tqxg'v'j kpi u'd { 'qhtgkpi 'kphcutwewt'g'cpf 'dcule'ugt xlegu. " y j lej 'ku'c'o qtg'cr r tqr tlcvg'wtdcp'tgi gpgtcvkqp'o gy qf 'v'wug'kp'Vwf wp'Y cf c0'Vj g'o clqtkv' 'qh'v'j g'f'cvc' wugf "kp"o { "t'gugctej "eqo gu'lt qo "hgrf y qtm's wugvkppck gu. "kpvgt xkgy u. "htuvj cpf "qdugt xcvkqpu. "cpf" o kpkwt { "ctej kxgu0"

C" vqcn' qh' ; ; "t gur qpf gpw' ugrgevgf "cv' tcpf qo "lt qo "Vwf wp" Y cf c" tgi kqp" t gukf gpw' y gt g' uco r ngf . " gzco kpgf . "cpf "vj g' t guwmu' ct g' u j qy p' k p' v j g' u w f { } u' v d r g 0' " D q v j " s w c p v k c v k x g' c p f " s w c r k c v k x g' t g u g c t e j " c r r t q c e j g u' u g t x g f ' c u' v j g' d c u k u' h q t' v j g' t g u g c t e j " o g y q f q m i { 0' V j g' o c l q t k v' ' q h' c r r t q c e j g u' c t g' s w c r k c v k x g' 0' V c d r g u' c p f ' e j c t u' c t g' v j g' t g u w m u' q h' f' c v c' c p e n' u k u' w u k p i ' k p u t w o g p w' u w e j ' c u' q d u g t x c v k q p u . ' s w u k q p p c k t g u . " c p f " k p v g t x k g y u 0' V j g' u w f { " h q w p f " c " p w o d g t " q h' g p x k t q p o g p v c n' k u w g u . " k p e n f k p i " r q q t " h e k r k k g u . " q x g t e t q y f k p i . " f g e c { k p i ' u t w e w t g u . " o k z g f " r e p f " w u g u . " e q p h r k e w' k p' v j g' o q x g o g p v' q h' e c t u' c p f " r g f g u t k c p u . " f k u q t i c p k g f " q r g p " u r c e g u " y k j " k p c f g s w e v g' t g e t g c v k q p e n' h e k r k k g u . " r q q t " f t e k p c i g' e j c p p g n u' v j c v' h r u q f " f w t k p i " t c k p { " u g c u q p u . " t g p f g t k p i " u q o g' t g u k f g p w' w p k j c d k c d r g . " e c t g r g u u' y c u v g' f k u r q u c n " c " r q q t " u g y c i g' u { u g o . " c p f " c " r q q t " t q c f " p g y q t n 0' N c u w f . " v j g' u w f { " u w i i g u w u' v j g' o q u v' g h g e v k x g' w t d c p' t g f g x g n r o g p v' r r e p " v q' f l t g e v' v j g' t g i k p p u' i t q y v j . " y j l e j " y k n i' u k i p k h e c p v n' " c f f t g u u' r j { u l e c n' k u w g u' k p' c t g c u' v j c v' c t g' u k o k r c t' v q' v j k u' q p g 0'

**Keywords:** "Vwf wp" Y cf c. "wr i tcf g. "lpj cdkcdrg. "j er j c| ctf "y guv'f kur qucn" co gpkkgu. "qxgtr qr wcvkqp. " Hqqf "

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### IMPACT OF FINNED UNIQUE MATRICES ON THERMAL STORAGE OF A NANO ENHANCED PHASE CHANGE MATERIAL IN A HEAT EXCHANGER

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*Ines Chabani<sup>1\*</sup>, Merzaka Dahmani<sup>2</sup>, and Djemaa Guerraiiche<sup>2</sup>* "

<sup>3</sup>"F grctwo gpv'qhl'Rj {ukeu."Uekgpegu'Hcewnf."Wpkxgt ukf "qhl'42"CqÂv'3; 77."43222."Unkrf c."Cri gt kc0"

<sup>4</sup>"F grctwo gpv'qhl'Rj {ukeu."Hcewnf "qhl'O c wgt "qhl'Uekgpeg."Wpkxgt ukf "qhl'Dc vpc"3."27222"Dc vpc."Cri gt kc "

""

#### ABSTRACT

Vj g'r t g u g p v' u w f { " l p x g u k i c v g u' v j g' v j g t o c n l r g t h q t o c p e g' q h' c' j g c v' g z e j c p i g t' y k j " w p l s w g' h k p u' d g y g g p' c " p c p q' g p j c p e g f " r j c u g' e j c p i g' o c v g t k r i' c p f " c' p c p q h' m k f . " c l o k p i " v q' q r v l o k g' v j g' q x g t c n i' v j g t o c n l' g z e j c p i g' c p f " u q t c i g 0' V j g' u w f { " e c t t l g u " q p " e q o r c t k p i " v j g' k p h w g p e g " q h' v j g' e q o r q u k g " h k p u . " c n p i " y k j " v j g' e q p e g p t c v k q p' q h' p c p q r c t v l e n g u' x q n w o' k p' v j k u' e q p v g z v' v j g' p w o g t l e c n i' u w f { " y k j ' E Q O U Q N' o w m k j { u l e u' v j t q w i j " v j g' H k p k g' G r g o g p v' O g v j q f " c m q y g f " w u' v q' t g x g c n i' v j c v' u g x g t c n i' h c e v q t u' l o r c e v' v j g' o g n k p i " r t q e g u u' q h' v j g' r j c u g' e j c p i g' o c v g t k r i' H q t' k p u v c p e g . " k p e t g c u k p i " v j g' x q n w o g' h t c e v k q p' q h' v j g' p c p q / R E O " c p f " e q p u k f g t k p i " r q n' o g t' o c v t l e g u' h k p u' y k j " c' h r t i g' u w t h c e g' u k i p k h l e c p w f " l o r t q x g u' v j g' j g c v f k u t k d w k q p . " y j k e j " c e e g r t c v g u' v j g' o g n k p i " v l o g . " h w t v j g t o q t g . " k v' c m q " g p j c p e g u " v j g' u q t g f " g p g t i { " t c v g u 0' J g p e g . " e q o d l k p i " c " i g q o g t l e c m f " y g n i' r g t h q t o k p i " u { u v g o " y k j " h k p u' c n p i " y k j " l o r t q x g f " p c p q r c t v l e n g u' x q n w o g' h t c e v k q p' k p " v j g' R E O " k u' i t g c v n f " d g p g h l e k r i' v j g' g p g t i { " u q t c i g 0' ""

**Keywords:** 'Rj cug'ej cpi g'o cvgtkcn. 'P cpqo cvgtkcn. 'Vj gto cni' uqtcig. 'Wpks wg'hkpu.'J gcv'gzej cpi gt0'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### INVOLVEMENT OF THE NURSE IN THE PREVENTION OF ISCHEMIC HEART DISEASE: MONITORING OF RISK FACTORS AND HEALTH EDUCATION

*Marieta Todorova*

*Fgr ctwo gpv'qhl'Pwtulpi "ectg."Hcewn'qhl'Rwdnke"J gcnj . 'O gf kecn'wpxgt uk' qhl'Rrqxf kx"*

#### ABSTRACT

CKO <Vq'r tqo qvg'pwtulpi "cevxkkgu'ht"vj g'ugeqpf ct { 'r t g x g p v k q p' q h' r c v k g p u' y k j ' k u e j g o l e' j g c t v f k u g c u g < j g c n j ' g f w e c v k q p' c p f' o q p k q t k p i ' q h' d g j c x l q t c n i' t k u n i' h c e v q t u' o

T G U M N V U < 7 4 ' r c v k g p u' y k j ' e j t q p l e' k u e j g o l e' j g c t v f k u g c u g' r c t v l e k r c v g f' k p' v j g' u w f { 0' k p f k x k f w e n' j g c n j " v t c k p k p i . " c u u g u o g p u' q h' d g j c x l q t c n i' t k u n i' h c e v q t u' k p v g t x k g y u' c p f " c n i q' s w e r k v { " q h' r k h g' k p v g t x k g y u' y g t g' e q p f w e v g f 0' V j g' c x g t c i g' c i g' q h' v j g' r c t v l e k r c p u' y c u' 8 5 0 4 ; \* U F " ? " : 0 7 5 - 0' R c v k g p u' q x g t " 8 2 " { g e t u' q h' c i g' r t g f q o k p c v g . c p f " 7 7 0 8 ' " j c x g' o q t g' v j c p " 4 " o q f k h c d n g' t k u n i' h c e v q t u . " o c k p n { ' t g r c v g f " v q' u o q n k p i . ' w p j g c n j { " f k g v . j { r g t v p u k q p . " v { r g' 4 " f k c d g v g u . " f { u n k r k f g o k c . " q x g t y g k i j v . " r q y " r j { u l e c n i' c e v k k v { . " u t g u u . " c p f " q v j g t u 0' k p f k x k f w e n' v t c k p k p i " y c u' e q p f w e v g f " h t " g e j " r c v k g p v' q p' v j g' r t q d n g o u' q h' f k g v c t { " p w t k k q p . " v j g' j c t o " q h' u o q n k p i . " e q p v t q n k p i " d m q f " r t g u u w t g' c v' j q o g . " n g g r k p i " c " r c v k g p v' f l c t { . " g e 0' C " r g f c i q i k e c n i' o q f g n i' h t " j g c n j ' g f w e c v k q p' y c u' c r r n k g f . " d c u g f " q p' i q c n i' u g w k p i . " o q v k x c v k q p . " c p f " u g r h / o c p c i g o g p v' v q' c e j k g x g' r q p i / v g t o " t g u w n u' k p' v g t o u' q h' t k u n i' h c e v q t u 0' V j g' t g u w n u' y g t g' o q p k q t g f " c h n g t " 5 " o q p v j u 0' R q u k k x g' e j c p i g u' y g t g' t g r q t v g f " t g i c t f k p i " v j g' j { i k g p l e / f k g v c t { " t g i k o g . " r j { u l e c n i' c e v k k v { . " o q p k q t k p i " q h' d m q f " r t g u u w t g . " d m q f " u w i c t " c p f " t g e q t f k p i " q h' v j g' x c n v g u' k p' v j g' r c v k g p v' u' f l c t { 0'

E Q P E N W U K Q P < V j g' q d v e k p g f " t g u w n u' u j q y " v j g' p g g f " h t " c " e j c p i g' k p' v j g' q t i c p k k c v k q p' q h' j g c n j " e c t g 0' V j w u . " v q' h m t v j g t " t g i w e v g " v j g' c e v k x g' r c t v l e k r c v k q p' q h' p w t u g u' k p' v j g' r t g x g p v k x g' v t c k p k p i " q h' r c v k g p u' y k j " e c t f k q x c u e w r t " f k u g c u g 0'

R T C E V K E C N " C R R N E C V I Q P U < R t g t g s w k u k g " h t " v j g' e t g e v k q p' q h' o w n k f k u e k r n p c t { " v g c o u . " y k j " v j g' r c t v l e k r c v k q p' q h' p w t u g u' c p f " q v j g t " u r g e l c r k u u . " h t " v j g' l o r n g o g p v c v k q p' q h' r t g x g p v k x g' c e v k k k g u' h t " r c v k g p u' y k j " e c t f k q x c u e w r t " f k u g c u g u' k p' r t k o c t { " e c t g 0'

**Keywords** < r c v k g p u' g f w e c v k q p . " j g c n j " d g j c x l q w t . " t k u n i' h c e v q t u . " r t g x g p v k q p "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TREATMENT OF DOMESTIC WASTEWATER USING A BACTERIAL BED FOR IRRIGATION: PREDICTING FECAL COLIFORM REDUCTION USING A MULTIPLE LINEAR REGRESSION MODEL

Ahmed Osmane<sup>1,2\*</sup>, Khadija Zidan<sup>3,4</sup>, Moustapha Belmouden<sup>1</sup>

<sup>3</sup>Ncdqtcvqt {"qh'Qt i cpke'Ej go kmt {"cpf'Rj {ukecn'Ej go kmt {"Hwpf co gpwrc'cpf'Cr rnkf"  
Ej go kmt {"Hcewn {"qh'Uekgpegu.'Ci cf kt'Wpkxgt uk {"Klp"\ qj t"

<sup>4</sup>Ncdqtcvqt {"qh'Dkqo qrgewrc'cpf'O gf kekpcn'Ej go kmt {"Hcewn {"qh'Uekgpeg'Ugo rnrk.'Wpkxgt uk {"Ecf k'  
C {"cf.'O cttcngej.'O qt qeeqO'

<sup>5</sup>Pcvkpcn'Egpvt'ht'Uwf kgu'cpf'Tgugctej'qp'Y cvgt'cpf'Gpgti {"\*EPGTGG+'Ecf kC {"cf'Wpkxgt uk {"  
O cttcngej.'O qt qeeqO'

<sup>6</sup>Ncdqtcvqt {"qh'Y cvgt.'Dkqf kxgt uk {"cpf'Erko cvg'Ej cpi g.'Hcewn {"qh'Uekgpegu'Ugo rnrk.'Ecf kC {"cf "  
Wpkxgt uk {"O cttcngej.'O qt qeeq"

#### ABSTRACT

Kp'tgur qpug'vq'y cvgt'uctekf.'O qt qeeq'hegu'yj g'ej cmgpi g'qh'wukpi "vtgcvgf"y cvgy cvgt'ht'ktki cvkqp" r vtr qugu'Vj ku'uwf {"gxcnvcgu'yj g'ghlekgpe {"qh'c'hmn'uecn'g'dcevgtkcn'dgf "\*"DD+u{ uvgu "kp'Kö kpvcpqw." O qt qeeqO'Vj g'u{ uvgu "eqpukw'qh'yj tgg'ugr vke'vpmu."y q'DDu."cpf'ugeqpf ct {"f gecpvtuO'Qxgt "c'6/{ gct" r gkqf."yj g'u{ uvgu "uj qy gf "c'uki pkkcpv'tgf wekqp"r >207+"kp"r qmwpv<; ;' "qh'VUU."; 8' "qh'DQF 7." ; 8' "qh'EQF."67' "qh'VR."cpf": ;' "qh'PJ 6'0C"o wmr ng'rkpget'tgi tguukp"\*O NT+"o qf gn'uweeguuhm {" r tgf levf "yj g'tgo qxcn'qh'hgecn'eqrhqto "\*"HE +d {"yj g'DD".cpf'c'tgf wekqp"qh'40 2'mi'wpku'y cu'cej kxgf O' J ki j "equ"xcmgu'kpf kecvgf "yj g'ko r qt vpeg"qh'j {"f tcvke'mqf kpi 'tcvg"\*J NT+"DQF 7."cpf'HE."y j lej "y gt g" r ct vewrcnf'chgevgf "d {"ugcuqpcn'xctkcvkpuORqukkxg'eqt tgr vkpu'dgy ggp'HE'cpf'VUU'kp'egt vcp't gkqf u" j ki j rki j v'yj g'ugcuqpcn'xctkcvkpw {"kp'yj g'eqo r qukkqp'qh'vtdcp'y cvgy cvgt."y j lej "ku'ghgevkgn'ecr wtgf " d {"yj g'O NT"o qf gn'\*T4" ? "208-0' Cnj qwi j "yj g'vtgcvgf"y cvgt"eqo r rkf"y kj "O qt qeeq" f kaej cti g" ucpf ctf u."ku"j ki j "pktcvg"\*367"o i "N<sup>3</sup>+cpf'HE"\*602"mi "wpku+rpxgn"o cf g'k'wpuwkcdng'ht'tgwug'kp" ci tlewnwtcn'cpf'rcpf uecr g'ktki cvkqp."cu'yj g {"gzeggf gf'uchgv'iko ku'Vj ku'y qtmj ki j rki j u'yj g'ko r qt vpeg" qh'qr vko k kpi "vtgcvo gpv'u{ uvgu u'vq'r tqf weg"j ki j 's wrcv {"tgerko gf "y cvgt."y j lej "ku'guugpvkcn'vq"o ggv'yj g" ej cmgpi gu'qh'y cvgt'uctekf "

**Keywords:** Dcevgtkcn'dgf ""=Y cvgy cvgt'vtgcvo gpv="Hgecn'eqrhqto u'tgo qxcn="Nkpget'tgi tguukp"o qf gn=" Ncpf uecr g"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### LAND SUITABILITY EVALUATION FOR THE DEVELOPMENT OF DIFFERENT LAND USES USING MINIMUM AND MAXIMUM DATA APPROACHES IN THE TARAZ RIVER WATERSHED, SOUTHWESTERN IRAN

*Farhan Ahmadi Mirghaed*

*Fgrctwo gpv'qhl'Gpxkt qpo gpwri'Uekgpegu. 'Hcewn' 'qhl' O ctkpg' cpf 'Gpxkt qpo gpwri'Uekgpegu. 'Wpkxgt uk' 'qhl' O c/cpf ctc p. 'Dcdqunct. 'Kcp''*

*Farzaneh Derakhshan-Babaei*

*Fgrctwo gpv'qhl' Tgo qvg' Ugpukpi ' cpf 'I KU' Hcewn' 'qhl' gqi tcrj { . 'Wpkxgt uk' 'qhl' Vgj t cp. 'Vgj t cp. 'Kcp'' QTEK' 'K' < j wr u< lqt ekf Qti I2222/2225/2345/647: "*

"

#### ABSTRACT

Vj g'qdlgevxg'qhl'v' ku'uwf { 'y cu'v'q' gxcnvcg'rcpf 'uwkcdkrk' 'lp'v' g'Vctc| 'Tkg' y cvgtuj gf 'lp'v' g'pqt v' gcu' qh' Mj w' gucp' r' tdxkpeg. 'Kcp. 'go r m' { kpi 'dqj' 'v' g' o kpo wo 'f' cvcug' \*O F U+ c'pf 'v' g' v' q' n' f' cvcug' \*V F U+ cr r' t' q' c' e' j' gu' O' C' " xctkgv' " qh' geqni lecn' c'pf " uqek/ geqpqo le" e' j' ctcevt' k' u' e' u' y' g' t' g' eqm' v' g' f' " c'pf " r' t' g' r' t' g' f' " dcug' " qp' " g' z' k' v' k' p' i' " f' c' v' c' d' c' u' g' u' . " u' e' k' g' p' v' k' h' e' " t' g' r' q' t' v' u' . " h' k' g' f' " u' w' t' x' g' { u' . " c' p' f' " t' g' o' q' v' g' u' g' p' u' k' p' i' " r' t' q' f' w' e' u' O' V' j' g' " V F U' cr r' t' q' c' e' j' " e' q' o' r' t' k' u' g' f' " 46" e' t' k' g' t' k' e' O' R' t' l' p' e' k' r' c' n' i' e' q' o' r' q' p' g' p' v' c' p' c' n' { u' k' i' " R' E' C' + " y' c' u' " g' o' r' m' { g' f' " v' q' " u' g' r' e' v' " g' k' i' j' v' e' t' k' g' t' k' e' " q' w' / q' h' ' v' g' " 46" q' t' k' i' k' p' c' m' { " e' q' p' u' k' g' t' g' f' " h' q' t' " v' j' g' " O' F' U' O' V' j' g' e' t' k' g' t' k' e' " k' p' e' n' f' g' f' " k' p' " g' e' j' " c' r' r' t' q' c' e' j' " y' g' t' g' " u' w' d' l' g' e' v' g' f' " v' q' " c' " j' k' g' t' c' e' j' l' e' c' n' i' c' p' c' n' { u' k' i' " r' t' q' e' g' u' u' " \* C' J' R' + " k' p' " q' t' f' g' t' " v' q' " f' g' v' g' t' o' k' p' g' " v' j' g' k' t' " t' g' r' v' k' x' g' " k' o' r' q' t' v' c' p' e' g' O' W' n' k' o' c' v' g' n' . " u' w' k' c' d' k' r' k' v' { " o' c' r' u' " y' g' t' g' " i' g' p' g' t' c' v' g' f' " h' q' t' " h' q' t' g' u' t' { . " t' c' p' i' g' r' c' p' f' . " c' i' t' l' e' w' n' w' t' g' . " f' g' x' g' n' r' o' g' p' v' " c' p' f' " e' q' p' u' g' t' x' c' v' k' p' " w' u' k' p' i' " v' j' g' " V' Q' R' U' K' U' " o' g' v' j' q' f' " y' k' j' k' p' " v' j' g' " C' t' e' I' K' U' 3209 " g' p' x' k' t' q' p' o' g' p' v' O' V' j' g' t' g' u' w' n' u' " k' p' f' e' c' v' g' f' " v' j' c' v' " v' j' g' " u' n' r' g' " y' c' u' " k' f' g' p' v' k' h' g' f' " c' u' " v' j' g' " o' q' u' v' " u' k' i' p' h' k' e' c' p' v' " e' t' k' g' t' k' p' " h' q' t' " v' j' g' " f' g' x' g' n' r' o' g' p' v' " q' h' " c' i' t' l' e' w' n' w' t' c' n' i' c' p' f' " f' g' x' g' n' r' o' g' p' v' " r' c' p' f' " w' u' g' u' . " y' k' j' " y' g' k' i' j' u' " q' h' " 208: 2 " c' p' f' " 2086: " k' p' " v' j' g' " V' F' U' c' r' r' t' q' c' e' j' " c' p' f' " y' k' j' " y' g' k' i' j' u' " q' h' " 2089: " c' p' f' " 2049: " k' p' " v' j' g' " O' F' U' " c' r' r' t' q' c' e' j' . " t' g' u' r' g' e' v' k' x' g' n' { O' V' j' g' " h' q' t' g' u' v' " v' r' g' " e' t' k' g' t' k' p' " y' c' u' " k' f' g' p' v' k' h' g' f' " c' u' " v' j' g' " o' q' u' v' " k' o' r' q' t' v' c' p' v' e' t' k' g' t' k' p' " h' q' t' " v' j' g' " f' g' x' g' n' r' o' g' p' v' " q' h' " h' q' t' g' u' t' { " k' p' " d' q' v' " c' r' r' t' q' c' e' j' g' u' . " y' k' j' " y' g' k' i' j' u' " q' h' " 20426 " c' p' f' " 208: " t' g' u' r' g' e' v' k' x' g' n' { O' V' j' g' " r' c' u' w' t' g' " v' r' g' " e' t' k' g' t' k' p' " y' c' u' " k' f' g' p' v' k' h' g' f' " c' u' " v' j' g' " o' q' u' v' " u' k' i' p' h' k' e' c' p' v' " h' c' e' v' q' t' " k' p' h' w' g' p' e' k' p' i' " v' j' g' " f' g' x' g' n' r' o' g' p' v' " q' h' " t' c' p' i' g' r' c' p' f' " r' c' p' f' " w' u' g' . " y' k' j' " y' g' k' i' j' u' " q' h' " 2084: " c' p' f' " 20423 " k' p' " v' j' g' " V' F' U' c' p' f' " O' F' U' c' r' r' t' q' c' e' j' g' u' . " t' g' u' r' g' e' v' k' x' g' n' { O' H' q' t' " e' q' p' u' g' t' x' c' v' k' p' " r' c' p' f' " w' u' g' . " v' j' g' " j' c' d' k' c' v' s' w' e' r' k' v' { " e' t' k' g' t' k' p' " y' c' u' " f' g' v' g' t' o' k' p' g' f' " v' q' " d' g' " v' j' g' " o' q' u' v' " e' t' w' e' k' n' i' h' c' e' v' q' t' . " y' k' j' " c' " y' g' k' i' j' u' " q' h' " 20433 " k' p' " v' j' g' " V' F' U' c' r' r' t' q' c' e' j' " c' p' f' " u' n' r' g' " e' t' k' g' t' k' e' " y' k' j' " c' " y' g' k' i' j' u' " q' h' " 20846 " k' p' " v' j' g' " O' F' U' c' r' r' t' q' c' e' j' O' V' j' g' t' g' u' w' n' u' " f' g' o' q' p' u' t' c' v' g' f' " v' j' c' v' v' j' g' " p' q' t' v' j' g' t' p' " c' p' f' " g' c' u' v' g' t' p' | " q' p' g' u' " q' h' " v' j' g' t' g' i' k' p' " c' t' g' " o' q' t' g' " e' q' p' f' w' e' k' x' g' " v' q' " v' j' g' " f' g' x' g' n' r' o' g' p' v' " q' h' " h' q' t' g' u' t' { " c' p' f' " e' q' p' u' g' t' x' c' v' k' p' " v' j' c' p' " v' j' g' " u' q' w' j' g' t' p' " c' p' f' " y' g' u' v' g' t' p' | " q' p' g' u' O' V' j' g' " o' q' u' v' " q' r' v' k' o' c' n' i' c' t' g' e' u' " h' q' t' " t' c' p' i' g' r' c' p' f' " c' t' g' " u' k' w' c' v' g' f' " k' p' " v' j' g' " e' g' p' v' g' t' " c' p' f' " u' q' w' j' . " y' j' k' g' " v' j' g' " y' g' u' v' c' p' f' " e' g' p' v' g' t' " q' h' " v' j' g' " y' c' v' g' t' u' j' g' f' " c' t' g' " v' j' g' " o' q' u' v' " h' c' x' q' t' c' d' r' g' " h' q' t' " c' i' t' l' e' w' n' w' t' g' O' V' j' g' " f' g' x' g' n' r' o' g' p' v' " q' h' " r' c' p' f' " w' u' g' " k' u' " f' k' u' t' k' d' w' g' f' " v' j' t' q' w' i' j' q' w' " v' j' g' " t' g' i' k' p' " k' p' " c' " f' k' u' r' g' t' u' g' f' " o' c' p' p' g' t' . " g' z' j' k' d' k' p' i' " c' " h' c' x' q' t' c' d' r' g' " r' q' v' g' p' v' k' e' r' O' J' q' y' g' x' g' t' . " v' j' g' " e' g' p' v' t' c' n' i' c' p' f' " u' q' w' j' g' t' p' " c' t' g' e' u' " j' c' x' g' f' g' o' q' p' u' t' c' v' g' f' " v' j' g' i' t' g' c' v' g' u' v' " h' c' x' q' t' c' d' k' r' k' v' { " h' q' t' " v' j' g' " f' g' x' g' n' r' o' g' p' v' " q' h' " r' c' p' f' " w' u' g' O' "

**Keywords:** 'Ncpl' 'uwkcdkrk' . 'O kpo wo 'f' cvcug' . 'O czko wo 'f' cvcug' . 'CJ R. 'VQRUKU'



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MODERATING ENTREPRENEURIAL EDUCATION IN THE RELATIONSHIP BETWEEN ENTREPRENEURIAL MINDSET AND CREATION OF BUSINESS AMONG UNIVERSITY GRADUATE IN ADAMAWA STATE

*Dr Daniel Marcel*

*F g r c t w o g p v ' q h ' D w u k p g u u ' C f o k p k u m c v k q p "*  
*O w f k o g ' W p k x g t u k s . ' K t c w : ' G f q ' U c v g . ' P k i g t k e "*

*Joseph Tumba*

*F g r c t w o g p v ' q h ' D w u k p g u u ' C f o k p k u m c v k q p "*  
*O q f k d d q ' C f c o c ' W p k x g t u k s { ' q r e . ' C f c o c y c ' U c v g . ' P k i g t k e "*

#### ABSTRACT

Kp"uqo g"pcvqpu."yj g"hgfr"qh'gpt gr tpgwtuj kr "ku"dgeqo kpi "o qt g"cpf"o qt g"ko r qt vcpv"cu"cp"geqppqo le" gpi kpg"cpf" c"vqqr'htq"dqqukpi "kppqxcvkqp."et gcvkxkx".cpf"eqo r gvkxgpguu0Vq"kpvtqf weg'uwwf gpw"vq"yj g" y qtrf"qh'gpt gr tpgwtuj kr . 'yj g'wpxgtukx{ "f gxgnr gf "cp"gpvt gr tpgwtuj kr "ewt lewwo "yj cv'ku"eqpvkpwqwan{ " dgkpi "ko r tqxgf 0Gpeqwtci kpi "uwwf gpw"vq"eqpukf gt 're wpej kpi "c"dwukpguu'y kj qwwt gn{ kpi "qp" c"lqd'lp"yj gk" hgfr"qh'gzr gt vku'ku"qpg'qh'yj g'r tko ct { "qdlgevkxgu0Vj gt ghqt g."yj g'r wtr qug'qh'yj ku"uwwf { "ku"vq"kp xgukvki cvg" j qy "gpvt gr tpgwt kn'gf wecvkqp"lphwpgu' yj g'cuuqekvkqp"dgvy ggp"gpvt gr tpgwt kn'o kpf ugw"cpf "dwukpguu" et gcvkqp"co qpi "Cf co cy c"Ucvg" wpxgtukx{ "i tcf wcvgu'822"i tcf wcvgu"lt qo "Cf co cy c"Ucvgu"r wdrle" wpxgtukxku" o cf g" wr " yj g" uwwf { "u" uco r ng" uk g' Vj ku" uwwf { " y kni j cxg" ko r rkecvkqpu" hqt" f gxgnr kpi " gpvt gr tpgwtuj kr "ngctpkpi "o qf wgu'kp"r wdrle" wpxgtukxku"vq"go r j cuk g"yj g"ko r qt vcpv"qh'hquvgtkpi "cp" gpvt gr tpgwt kn'o kpf ugw'kp"chgt"i tcf wcvkqp"uwwf gpw"htq"uvt kpi "c"dwukpguu"cpf"t gn{ kpi "qp"yj g'gz kpkpi " eqpegr w"vq"i gv" c"lqd0Vj g"uwwf { "go r nq { "u" c" s wcvkxkxg"o gjy qf qmji kcn'cr r tqcej "vq"ugrh/cf o kpkvgt gf" qprkpg"s wguvkppckt gu"vq"t gur qpf gpw0Vj g"uwwf { "t gxgcu" c"uki pklc'p'v'gh'ge'v'qh'gpvt gr tpgwt kn'o kpf ugw" qp"yj g'et gcvkqp"qh'dwukpguu"co qpi "wpxgtukx{ "i tcf wcvgu"cpf" k'cnuq'tgxgcu"yj cv'gpvt gr tpgwt kn'gf wecvkqp" o qf gtcvgu"yj g't grcvkpuj kr "dgvy ggp"gpvt gr tpgwt kn'o kpf ugw"cpf "dwukpguu"et gcvkqp0'

**Keywords:** "gpvt gr tpgwt kn'o kpf ugw."Gpvt gr tpgwt kn'gf wecvkqp."et gcvkqp"qh'dwukpguu"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE GENEVA CONVENTION IN THE FIRST INITIATIVE FOR THE GRYN KART INSURANCE AGREEMENT

Dr. Sc. Ibrahim MALA<sup>3</sup>

*<sup>3</sup>Dwukpau'Geppqo keu.'Wpkxgtukl'qhl qxg'Fgrs gx'Ukr.'Pqtvj'Ocegf qpk "*

"

#### ABSTRACT

Vj g'I tggp"Ectf "ku" c"egt vkecvg"kuuwgf "d{ "cp{ "kpuwtcepg"eqo rcp{ "vj cv"ku" c"o go dgt "qh"vj g"Pcvkpcn' Dwtgcw"y j lej "ku" c"o go dgt "qh"vj g"Eqwpekl'qh'Dwtgcwu0Vj g"kpvtpcvkapcn'xgj leng"kpwtcepg"u{ uvg "o cpci gf "d{ "vj g'Eqwpekl'qh'Dwtgcwu"vj tqwi j "i tggp"ectf u"ku" cp"kpvtpcvkapcn'ci tggp gpv' dgy ggp" cwj qt kkgu"cpf "kpwtcepg"kpukwkwkpu."y j lej "gpwtgu"vj g"rtqvevkap'qh'r qrke {j qrf gtu'htqo "f co ci gu"kp" tqcf "ceekf gpw"ecwugf "d{ "xkukpi "xgj lengu0Vj g"lplkcvkxg"ht "vj g'htqo cvkqp"qh'vj g'I tggp"Ectf "ku"vj g" I gpgxc"Eqpxgpvkap'kp"y j lej "vj g'r tqxkukpu"fhkpkpi "vj g'hwpevkap"cpf "o go dgtuj kr "kp"vj g'I tggp"Ectf " ci tggp gpv'ctg"fg hkpof 0'kp"cf f kkap."ngi cn'r tqxkukpu"j cxg"dggp"fg hkpof "kp"Mquqxq"dcugf "qp"Ncy "pq0' 25 IN/42; "ht "vj g"Epvtcn'Dcpn'qh'vj g"Tr wdike"qh'Mquqxq."vj g"EDM"ku'tgur qpukdn'ht "vj g"rlegpukpi ." tgi wvkap"cpf "uwr gtxkukap"qh'vj g"kpwtcepg"ugevt "kp"Mquqxq0Cnuq."dcugf "qp"Ncy "pq0'27 IN/267"qp" Kpuwtcepg"\$EDM"ceeqtf kpi "vq"vj ku"ry . "j cu"vj g"gzenvukxg"tgur qpukdn'ht "vj g"rlegpukpi ."uwr gtxkukap" cpf "tgi wvkap"qh'kpwtgu"cpf "kpwtcepg"kpvtg of ktlgu."cu"y gm'cu"qv gt "gpvkgu"vj cv'gzgtelug"vj g" cevkkkgu'r tqxf gf "ht"d{ "vj ku"ry \$0Vj g"Ncy "qp"Kpuwtcepg"j cu'f gvtg o kpgf "vj cv"\$P q'r gtuqp"ecp"gpi ci g" kp"kpwtcepg."t gkpwtcepg."kpwtcepg"o gf kvkap"qt"qv gt "cevkkkgu."y j lej "ctg'tgs wkt gf "vq"dg'rlegpugf "cpf " cr r tqxgf "d{ "vj ku"ry . "y kj qwbc'xcnf "rlegpug"cpf "cr r tqxcrkuuwgf "d{ "vj g"EDM"ceeqtf kpi "vq"vj g'r tqxkukpu" qh'vj ku"ry "\$"cpf "\$P q'r gtuqp"o c{ "wug"vj g"y qtf "\$kpwtcepg\$."\$t gkpwtcepg\$."\$kpwtcepg"dtqngt"\$Serko u" j cpf rgt"\$qt "f gtxcvkxgu"qh'vj gug'y qtf u'kp"eqppgevkp'y kj "cp"cevkkkv{ . "r tqf wev'qt "ugt xleg"qt "kp"vj g'cevkkv{ " r tqo qvkapcn'y kj qw'j cxkpi "c"rlegpug"kuuwgf "d{ "EDM"vq"gpi ci g'kp"kpwtcepg"cevkkv{ . "gzege v'y j gp'uwej " wug'ku'gucdrkuj gf "qt"tgeqi pl'gf "d{ "vj ku"ry \$0Ky knilur gen'lo qt g'dtqcf n' "cdqww'vj g'vqr le"kp's wugvkap'f wt kpi " vj g'r tggpvcvkap"qh'vj ku"r cr gt0

**Key words**—i tggp"ectf . "I gpgxc."Mquqxq."ci tggp gpv"o go dgtuj kr 0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### APPLICATION OF THE MEDIATION PROCEDURE IN CIVIL DISPUTES

*Mr.Sc. Dafina VLAHNA*

*Wpkxgt ukv "qhlRt kankpc "öJ cucp"Rt kuj vpcö. "Hcewnf "qhlNcy. "HkpcpekenF gr ct vo gpv. "Rt kankpc "Mquqxq0".....*

*Dr.Sc. Kastriote VLAHNA*

*Wpkxgt ukv "qhlRt kankpc "öJ cucp"Rt kuj vpcö. "Hcewnf "qhlNcy. "Ekxkg"Ncy "F gr ct vo gpv. "Rt kankpc. "Mquqxq0"*

#### ABSTRACT

Vj g'o gf kcvkp'r tqegu'qhg'u'cngt pcvkxg'uqnwkqpu'v'egt vcp'f kur wgu'K'ku'c'xqnpvct { 'cpf "eqphkf gpvkn' f kur wg't guqnwkqpu'r tqegu'kp'y j lej "f kur wkpi "r ct vku'ugrgev'qpg"qt "o qt g'pgwt cn'r gtuqpu"o gf kvqtu+"vq" cuukuv' vj go " kp" tgcej kpi " c " o wwmf { " ucukhcevt { " t guqnwkqpu" qh' vj gkt " f kur wg' O gf kvqtu " hcekrkcyg" eqo o wplecvkp"dgvy ggp"vj g'r ct vku"d { "ngcf kpi "vj go "kvq" c "utwewt gf "eqo o wplecvkp"r tqegu'Uq"d { " cr r n kpi "vj g'o gf kcvkp"r tqegf vtg. "vj g'r ct vku'ct g'j gr gf "vq"tgcej "c" f gekukpp'O gf kcvkp"ku'cp"ghlekcpv' y c { "vq"j cpf ng"vj g'kuwg"dgvy ggp"vj g'r ct vku'y kj "gcej "qvj g'tVj ku'r tqegu"ku'eqo r ngvgn { "eqphkf gpvkn' Vj g'o gf kcvkp"r tqegf vtg"ecp"dg"kpklcvgf"d { "vj g'r ct vku"vj g'eqwtv."vj g'r tqugewkqpu"qt "vj g'eqo r gvgpv' cf o kplutcvkxg'dqf { "beeqt f kpi "vq"vj g'ngi kurvkv'kp'hqteg'Vj g'o gf kcvkp"r tqegf vtg'ku'b cpf cvqt { 'kp'ecugu" y j gt g'vj g'r ct vku'hkg" c'rcy ukv'kp'eqwtv. hqt "f kur wgu'lt qo "hc o kn { "tgrvkvpu'tgrvqf "vq"ecugu'lt qo "crko qp { ." i wctf kcpuj kr. "eqpcev. "ej kf "ewuvqf { "cpf "vj g'f kxkukqpu"qh'eqo o qp" o ctken'r tqrgtv { ."vj g'lwfi g"kp"vj g' r tgr ctcvt { "guukqpu'cpf "chgt "vj g'r tgrko kpc { "gzco kpcvkv'qh'rcy ukv. "o wuv'kphqt o "cpf "qdrki g'vj g'r ct vku" kp"vj g'o gf kcvkp"r tqegf vtg'Vj wu. "kp"qtf gt "vq"cr r n kpi "vj g'o gf kcvkp"r tqegf vtg. "vj g'eqwtv'kuqgn'ecp"qdrki g. " dw'vj g'r ct vku"vj go ugrku'ecp"cr r qlpv" c "o gf kvqt'Vj wu. "y g'y km'vcmo qt g'dtqcf n { "cdqw"vj g'vr le "kp" s wgnkqpu'f vt kpi "vj g'r t gupcvkqpu"qh'vj ku'r cr gt'0

**Key words:** "o gf kcvkp. "r tqegf vtg. "f kur wg. "uqnwkqpu. "cngt pcvkxg'0

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#### HERNIA DISEASE TREATMENT AND REHABILITATION BASED ON CURRENT PRACTICE

*Dr. Korab Hoxha*

*<sup>3</sup>F gr ctwo gpv'qhl'O gf kelpgl'Wpkxgt ukv' qh'Vgvqxq. "O cegf qpkc"*

#### ABSTRACT

O quv'r gqr ng'f guetldg'k'cu'c'r tqvt wf lpi . 'uy qmgp0Uqo g'eqo r rckp'qh'r ckp. 'cpf "o quv'j cxg'pq'u{o r vqo u0' Vj g'ko r qt vcpv'j lpi 'ku'v' cv'y j gp'k'qeeuw. 'k'f'qguy)'i q'cy c { 'd { 'kugh'cpf 'v'j g'j qng'nggr u'i gwkpi 'dki i gt. ' dgecwug'v'j g'eqpv'pwa'qh'v'j g"uqo cej "cev'rkng'c'y gf i g. 'k'v'gctu"cpf "o cng'u'v'j g'j qng'dki i gt"cpf "dki i gt0' Vj wu. 'cu'c"eqpugs wgepeg. "v'j g'qr gtevkp"dgeqo gu"o qt g'f k'k'lewn'cpf "ecp'ngcf "v'q'eqo r rdecvkpu'y kj "v'j g' qeewr cvkqp"qh'v'j g"kp'v'gukp'g'u'v'j ku'j qng. "v'j g'tgo ckpki "y kj qw'dmqf "ektewrcvkp"cpf. "cu'c"tguwv. " i cpi tggg. 'v'j g'f'gcv'j "qh'v'j g'tgo ckpki 'kuu'w'k'p'v'j ku'j qngOC p'k'pectegtcv'gf 'j gtpk'v'j cv'eqpuk'w'w'g'u'c'lw'wi lecn' go gti gpe { "tgs wkt gu"o o gf lcv'g"tgcvo gpv'cpf "v'j g'r quukdkrk { "qh'v'j g'tguv'qh'v'j g'kp'v'gukp'g"qwu'kf g'v'j g' eqng'v'qo { "cp" wppgeguuct { "eqo r rdecvkp"y j gp'y g'eqpuk'f gt "v'j cv'k'ecp"dg"kp'v'gtx'g'p'gf "cv'v'j g'v'ko g'qh' r t'gug'p'cvk'p'y kj qw'y ckpki 'hqt'k'v'q'f gi tcf g'v'v'j ku'gz'v'g'p'0J gtpk' "Uj qo c+'ecp'cnu'cr r gct'cv'v'j g'ukg" qh'lw'wi gt { "kp'v'j g'pcxgn'cpf "uet qwo 0'Vj g'tgcuaq"hqt "v'j g'cr r gctcpeg"ku'qh'ng'p'i gpg'v'e. "j g'gf kct { "cpf " uqo gv'ko gu" v'j g { "ctg" cnu'q' t'g'v'gf "v'q" r j {ulecn' cev'k'k'v' { " / " r j {ulecn' g'z'gt'v'k'p'0' O quv' r cv'k'p'w' y kj " wpeqo r rdecv'gf "j gtpk'cu'f q'pqv'p'ggf "v'q'v'c { "kp'v'j g'j qur kcn'ch'v'gt "lw'wi gt { . 'dw'ecp'd'g'f'kuej cti gf "j qo g'v'j g' uco g'f'c { "cpf "t'g'v'gf "qp"cp"qwr cv'k'p'v'd'cu'k'0'Vj g'r cv'k'p'v'k'p'v'j g'uj qt v'g'u'v'gt o "ecp't'g'w'p'v'q'pqt o cn'rk'ng" y kj qw'cp { "ur gek'le"uv'qr ci g'0'K'uctw'y kj "y cmkpi "ko o gf lcv'gn' "ch'v'gt "v'j g'qr gtevkp. "v'j g'uco g'f'c { 0' Y cmkpi "ku'p'geguuct { "v'q"r t'g'x'g'p'v'j tqo dquku'cpf "ko r t'q'x'g'u'dmqf "ektewrcvkp"kp'v'j g'x'g'k'p'u'qh'v'j g'ngi u0' Qv'j g't'eqo r rdecvkpu. 'uwej "cu'uy gmkpi "cpf'r ckp. 'ctg'r t'g'x'g'p'v'gf "d { 'h'q'm'y lpi 'v'j g'f'qev'qt'u'cf x'leg'hqt'r quv' qr gtevk'x'g'v'g'v'g'v'g'p'v'cpf "v'cmkpi "o gf lcv'k'p'u'cu'r t'g'uet'ld'g'f 0J qy g'x'g't. "v'j g'ecugu'ct'g'f k'ht'g'p'v'cpf "v'j g'r'v'gt " k'ku'v'g'v'gf. "v'j g'ej cpegu'qh'eqo r rdecvkpu" k'p'et'g'cug'0' K'y kn'v'cm' o qt'g'cd'q'w'v'j g'r cr gt "f'w'k'pi "v'j g' r t'gug'p'cvk'p'qh'v'j ku'r cr gt0'

**Key words:** "j gtpkcu. 'f'kugcug. 'en'uuk'h'ecvkp. 't'g'v'g'v'g'p'v'v'f'r gu0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE CRETE AGREEMENT, THE EFFECTS AND IMPORTANCE OF THE GREEN CARTON INSURANCE

Dr. Sc. Shkëlqesa Çitaku<sup>3</sup>

<sup>3</sup>Wpkxgt ulx{ 'qh'Rt kxkpcöJ cucp'Rt kuj v{kpcö. 'f gr ctvo gpv'kpcpekril'Ncy. 'Rt kxkpc. 'Mquqxq0'

#### ABSTRACT

P qp/o go dgtuj kr "kp"vj g"Wpkxgf "P c{xqpu"Qti cpl{ c{xqp"WP +tgr tguqpu"vj g"o ckp"qduvcerg"vq"Mquqxq0" o go dgtuj kr "kp"vj g"Eqwpeki'qh'Gwtqr gcp"Dwtgcwu0Eqpugs vqpvx{. "qwt"eqwpt {"eqpvkpwgu"vq"hp{ "k' ko r quukdr{vq"dg'r ctv'qh'vj g'I tggp"Ectf "u{uvgo 0'Vj g"Dwtgcw'qh'Mquqxq"j cu'tgugtxgf "cdqw'9"o kxkqp" gwtqu.'cnj qwi j "vj ku'co qwpv'ku'i tgevg{ 'vj cp'y j cv'ku'tgs w{t gf "d{ 'vj g'Eqwpeki'qh'Dwtgcwu.'dw'ukpeg'y g'ctg" pqv'r ctv'qh'vj g'WP. "y g'ctg'pqv'cdrg'vq"o cng'c"uqrvkqp'tgi ctf kpi "vj g'Ectf dqctf "qh'I tggp0'v{kpf "vj tqwi j " cpqyj gt"eqwpt {"vq"dg'r ctv'qh'vj g'I tggp"Ectf "u{uvgo. "dw'k'y cu'pqv'r quukdr{f wg'vq'r qrkxlecn'r tqdrgo u0' Y g'j cxg'v{kpf "vj tqwi j "cpqyj gt"ucvg."dw'vj g'Eqwpeki'qh'Dwtgcwu'ku'uc {kpi " {"qwj' cxg'r qrkxlecn'r tqdrgo u0' Kp"vj ku'y c{. "Mquqxq"tgo c{kpu"vj g'qpn{ "eqwpt {"kp"Gwtqr g"vj cv'ku'pqv'c"o go dgt "qh'vj g'Eqwpeki'qh'vj g' Gwtqr gcp"Dwtgcw'gxgp"vj qwi j "k'j cu'o gv'vj g'vgej plecn'eqpf k{kqpu0Ukpeg'Mquqxq'ku'c'pgy "eqwpt {"cpf " vj gtg"ctg" r tqdrgo u" y kj " pqp/tgeqi p{kqp" d{ "uqo g" uwtqwpf kpi "eqwpt kgu" vj gtg"ctg"cnq" r qrkxlecn' r tqdrgo u'vj cv'j cxg'pqv'o cf g'k'r quukdr{hqt "Mquqxq"vq"dg'r ctv'qh'vj g'WP 0'Y g'ctg'eqo o kwgf "vq"eqo r rgyg" vj g'vgej plecn'cur gew'f w{kpi "vj gug'vy q" {"gct u0'Vj g{"ctg"pqy "y c{kpi "hqt "c"tgr qt v'htqo "vj g'Eqwpeki'qh' Dwtgcwu0Uqo g" qyj gt"qr v{kp"o wuv' dg" hqwpf "vq"dg'r ctv'qh'vj ku'Eqwpeki0Uq" vj g'I tggp"ectf "ku"cp" kpvgtpcv{kpcn'xgj leng"kpwtcpeg"egt v{kecvg."y j lej "ku'ceegr vgf "d{ "vj g'cwj qt k{kgu"qh'69"eqwpt kgu."cpf " Mquqxq"ku'gzr gev{f "vq"dg'r ctv'qh'vj ku'ci tggp gp0'Ky kn'vc'm'o qtg'cdqw'vj g'vqr k'f w{kpi "vj g'r tguqpv'v{kp" qh'vj ku'r cr gt0'

**Key words:** [" gmy "ectf. 'ko r qtvpep."WP. "o go dgtuj kr. "eqpf k{kqpu0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EFFICIENT USE OF COCONUT AND EGGSHELL BLENDS AS LOW-COST ADSORBENTS FOR REMOVING CHROMIUM AND LEAD FROM TEXTILE WASTEWATER

*Suleiman Zuleihat Ozohu<sup>1</sup>*

*3'Ej go kecn'Gpi kpggt kpi 'F gr ctvo gpv.'Cj o cf w'Dgmn'Wpkxgt ukf \ ct kc.'Pki gt kc0'*

*Ado A. Datti<sup>1</sup>*

*3'Ej go kecn'Gpi kpggt kpi 'F gr ctvo gpv.'Cj o cf w'Dgmn'Wpkxgt ukf \ ct kc.'Pki gt kc0'*

*Kazeem Ibraheem Ajadi<sup>1</sup>*

*3'Ej go kecn'Gpi kpggt kpi 'F gr ctvo gpv.'Cj o cf w'Dgmn'Wpkxgt ukf \ ct kc.'Pki gt kc0'*

*QTEK 'K' <j wr <1qt elk Qti D222/2224/4696/: : 3z''*

*Bakare Abdulakeem Oyesode<sup>1</sup>*

*3'Ej go kecn'Gpi kpggt kpi 'F gr ctvo gpv.'Cj o cf w'Dgmn'Wpkxgt ukf \ ct kc.'Pki gt kc0'*

*Aliyu Nana Aisha<sup>1</sup>*

*3'Ej go kecn'Gpi kpggt kpi 'F gr ctvo gpv.'Cj o cf w'Dgmn'Wpkxgt ukf \ ct kc.'Pki gt kc0'*

#### ABSTRACT

Kp f wut kn' cev kkgu" yj cv' eqpuwo g" y cvgt" r tqf weg" y cuvy cvgt" cu" c" d { r tqf wev' qh" r tqegu kpi . " y j lej " kpt qf wegu" xct kwu" eqpwo kpcpu" uwej " cu" j gcx { " o gvcu" kpv" pgtcd { " y cvgt" dqf kgu. " ut gukpi " f kht gpv' gequ { ugo u" dqj " f kt gev { " cpf " kpf kt gev { 0'Ej tqo kwo " \*Et+cpf " rcf " \*Rd+ctg" j gcx { " o gvcu" eqpwo kpcpu" hqwpf " kpvz vkg" y cuvy cvgt " yj cv' ctg" gzt go gn { " j cto hml' vj " yj g" j gcnj " qh" r rcpw. " cpko cnu. " cpf " j wo cpu0' Vj gug" j gcx { " o gvcu" ecp" dg" tgo qxgf " kpvki pht ecpv' s wcpv kkgu" wukpi " eqpxgp vkpcn' r j { uleqej go kecn' cpf " dkqmj kecn' r tqegu u0' Vj g" i qcn' qh' yj g" y qtm' ku" vj " tgf weg' Et " \*XK" cpf " rcf " \*Rd+ kpvz vkg" y cuvy cvgt " d { " wukpi " c" pcvwcn' cf uqtdgpv' o cf g" ht qo " c" drgpf " qh' eqeqpw' cpf " gi i uj gm0' Ugxgcn' r tqegu u" y gt g' wugf " vq" r tgr ctg" yj g' eqeqpw' cpf " gi i uj gm' cf uqtdgpw. " kpenw kpi " dqk kpi . " ft { kpi . " ecr kpcv kq" cv': 22ÅE " hqt " yj tgg" j qwtu. " i tlpf kpi . " r J " cf lwwo gpv. " r tgekr kcv kq. " cpf " hngt kpi 0' Vj g" cf uqtr vkq " gzt rtko gpv' fo qpust cvgf " yj cv' 30' i " qh' cf uqtdgpv' f quci g" cr r hgf " qxgt " 40' " j qwtu" r tqf weg" yj g" j ki j guv' Et " \*XK" tgo qxcn' cpf " cf uqtr vkq " ecr ckv { . " cv': 6045' " cpf " 20 37o i IN. " t gur gev kgn { . " wukpi " CCU" cpcn' uku0' Ceeqtf kpi " vq" yj g" hpf kpi u' qh' yj ku' uwf { . " gi i uj gm' drgpf " y k j " eqeqpw' eqwf " dg" cp " ghg ev kxg" pcvwcn' cf uqtdgpv' hqt " tgf wekpi " j gcx { " o gvcu' qmwkq. " r ct vewcn' { " Et \*XK" kpv' y cvgt0'

**Keywords:** 'Ej tqo kwo . " rcf . " cf uqtdgpw. " vgz vkg" y cuvy cvgt. " r qmwkq. " gpv' ktpo gpv'



# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## INTEREST RATE AND EXCHANGE RATE IN NIGERIA

Abdula-Azeez Toyeeb<sup>1</sup>, Dr. James Obilikwu<sup>2</sup>

*Kltcj ko 'Dcf co cik'Dcdcpj kf c'Wpkxgt ukf 'Nerc k'*

222; /2228/; 922/9966<sup>3</sup>cpf '2222/2223/8487/; ; 28<sup>4</sup>"

### ABSTRACT

Gzej cpi g'tcvg."y j lej "tghgev"vj g'xcnwg"cv'y j lej "c"fqo guke"ewttgpe {"ecp"dg" gzej cpi gf "hqt" "hqtgki p" ewttgpe {"ku" c"etwekri'o cetqgeqpqo le"qdlgevkg."y j krg'kpvtg uvtcvgu."c"ng {"vqni'qh'o qpgct {"r qrlc {"ctg" go r nq {"gf "vq"ucdkk g'vj g"geqpqo {"0Cu"xctkcvkpu"kp'kpvtg uvtcvgu"qh'vgp"ctlug"fwg"vq"fh'htgtpv'geqpqo le" eqpfkkqpu."uwej "cu'r g'kqf u'qh'geqpqo le"dqo "qt"dwu."y j g'g' "h'wewcvkpu"ecp"uki p'k'ecpv {"kphwpeg" gzej cpi g'tcvg0Vj ku"uwf {"kpxguki cvgu"vj g'ko r cev'cpf "tgrv'kpuj kr "dgy ggp'kpvtg uvtcvgu"cpf "gzej cpi g' tcvgu"kp" P ki g'k0'Wkk kpi "c"ugeqpf ct {"f cvcu'gur c'ppkpi "56" {"gct u."lt qo "3; ; 2"vq"4245."uqwt egf "lt qo "y j g' Egpv'cn'Dcpni'qh" P ki g'k" cpf "Hgf g'cni'T g'ug'xg"Dcpni'qh" P gy "[ qtm"vj g'tgugctej "go r nq {"u"vj g"Cwq/ Tgi t'gu'kxg" F kmtkwgf "Nci "\*CTFN" o qf g'ri'cpf "Eqkpv'gi tcvkq" v'ej pks wgu"vq"cu'guu"vj ku"tgrv'kpuj kr 0' Ur g'ek'ecm. "k'gzco kpgu"j qy "y j g'ngf kpi "t'cvg"NT + "f gr quk'tcvg"FT + "kpvtg uvtcvg" F k'htgtpv'cn" \*KTF + " Vtgcuw {"dkni'tcvg" \*VDT + "cpf "kphv'kq" \*KH"cu" c"eqvtqmkpi "xctkdv'g" ch'gev"vj g" gzej cpi g'tcvg" \*GZT + 0' Cf f'kkqpcm. "y j g' Cwi o g'p'v'g" F leng {"Hwngt" \*CFH" v'gu"ku" wugf "vq" f g'v't o kpg" y j g' ucv'k'pctk {"qh" y j g' xctkdv'g"0Vj g'uwf {"ku" f'k'htgtpv'lt qo "qvj g't" uwf kgu" d {"wulpi " {"gctn' "f cvc."qh" y j lej "y j g'qvj g't" h'p' kpi u" o cf g'wug"qh's wctv'gn {"qt" o q'v'j n' "f cvc" Gzej cpi g'tcvg."y j lej "tghgev"vj g'xcnwg"cv'y j lej "c"fqo guke" ewttgpe {"ecp"dg" gzej cpi gf "hqt" "hqtgki p" ewttgpe {"ctg" c"etwekri'o cetqgeqpqo le"qdlgevkg."y j krg'kpvtg uvtcvgu."c"ng {"vqni'qh'o qpgct {"r qrlc {"ctg" go r nq {"gf "vq"ucdkk g'vj g"geqpqo {"0Cu"xctkcvkpu"kp'kpvtg uvtcvgu"qh'vgp"ctlug"fwg"vq"fh'htgtpv'geqpqo le"eqpfkkqpu."uwej "cu'r g'kqf u'qh'geqpqo le"dqo "qt"dwu."y j g'g' "h'wewcvkpu"ecp"uki p'k'ecpv {"kphwpeg" gzej cpi g'tcvg0' H'p' kpi u'uj qy gf "y j cv'kp" y j g'uj qv' t'wp."cm' xctkdv'g" wugf "cu'r tqz {"hqt"kpvtg uvtcvg"uwej "cu"Ngpf kpi "t'cvg." F gr quk'tcvg."kpvtg uvtcvg" F k'htgtpv'cn" cpf "Vtgcuw {"dkni'tcvg"j cxg"uki p'k'ecpv"ko r cev'qp" hqtgki p" gzej cpi g'tcvg0J qy gxg. "kp" y j g'ngpi "t'wp."cm' y j g'h'xg" xctkdv'g" wugf "vq" r tqz {"kpvtg uvtcvg"j cxg"pq"uki p'k'ecpv"ko r cev'qp" hqtgki p" gzej cpi g'tcvg"kp" P ki g'k0'Vj g'uwf {"y j g'gh'g't'geqo o g'p'f u'y cv."y j g'o qpgct {"cwj qtk {"uj qwf "wug'kpvtg uvtcvg"r qrlc {"vq" kphwpeg" n'ecni'ewttgpe {"vq" cej kxg"uj qt v'v'to "i q'cni'cpf "uj qwf "cf l'wuv" y j g' xctkdv'g"kp" y j g'o qf g'ri'vq" cej kxg"ngpi "v'to "ucdkk {"kp" y j g'ng'ecni'ewttgpe {"gzej cpi g'tcvg0' "

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE IMPACT OF POSITIVE FEEDBACK TO STUDENT-TEACHERS AFTER LESSON OBSERVATION IN KADUNA STATE COLLEGE OF EDUCATION

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**Kazah-Ashi Barwa**

*Fgrctwo gpv'qhlGctrñ'Ej kfj qqf "cpf "Gf wecvkqp"*

*Mcf wpc "Ucvg'Eqrngi g'qhlGf wecvkqp"*

*I kfcp'Y c{c"*

**Gregory Patrick Bodam**

*Fgrctwo gpv'qhlGf wecvkqpcñHqwpf cwkqpu"*

*Mcf wpc "Ucvg'Eqrngi g'qhlGf wecvkqp"*

*I kfcp'Y c{c"*

**Victor Yunana Bowman**

*Fgrctwo gpv'qhlRtko ct{ "Gf wecvkqp"*

*Mcf wpc "Ucvg'Eqrngi g'qhlGf wecvkqp"*

*I kfcp'Y c{c"*

**Tanko Linus**

*Fgrctwo gpv'qhlGctrñ'Ej kfj qqf "cpf "Gf wecvkqp"*

*Mcf wpc "Ucvg'Eqrngi g'qhlGf wecvkqp"*

*I kfcp'Y c{c0"*

#### ABSTRACT

Vgcej kpi "rtceveg"ku"uwcm{ "vj g"htuv"qr r qtwpk{ "gcej "vgcej gt/kp/vtckpki "j cu"vq"ur gpf "cp" gzvgpf gf "cmqwgf "ko g"vq"ko o gtugf "kp"vj g'ercuutqqo "cvo qur j gtgOY j kg'igewt gtu'f q'vj gk "dguv'vq'vgcej "vj g'uwf gpv/ vgcej gtu."vj g'ercuutqqo "ku"vj g'vcv'g'y j gtg'vj g'f tco c"vcngu'r rneg"cpf "y j gtg'vj gug'r tceveg'u'dgeqo g'c" tgerk{O'Vj g'vgcej kpi "ercuutqqo "ku"vj g"uchg"j cxgp"y j gtg"pgy "kf gcu"ecp"dg"vtkgf "cpf "vj g'vgcej gtu"kp/ vtckpki "ecp"wk{ g"vj g'y kuf qo "qh"vj gk "ngewt gtu."y j q"uwcm{ "j cu"o cp{ "gctu"qh"gzr gtlgpeg"kp"vj g'ercuutqqo ."ecp"cum's wguvqpu."mqm'ht"cf xleg"cpf "cum'ht"ko r tqxgo gpv'cpf "uwi i guvqpu0"Vj g'r wtr qug" qh"vj ku'r cr gt "ku"vq"mqmu"cv'vgcej kpi "rtceveg"cu"cp"qwf qqt"rdqtcvt{ "gzr gtlgpeg"fwtkpi "y j lej "vj g" uwf gpv'vgcej gt"vcngu"lpetgukpi "t gur qpukdkv{ "ht"vj gk "rtgrctevkqp"cu"c"r qvgvkn'vgcej gt"wpf gt"vj g' f kgevq"qh"cp"kpukwwkqp"uwr gtxluqt "igewt gtu."y j q"ugt xgu"cu"c"o gpvqtO'Vj gqt kkecn't guctej "o gj qf "y cu"wgf "vq"i cvj gt "lphqto cvkqp0K'r tqhgtu'y c{u"lp"y j lej "vgcej kpi "rtceveg"gz gtekg'ecp"dg"dgwgt "o cf g" c"o gcplki hwi"gzr gtlgpeg"vj tqwi j "rtqxf kpi "r qukxg"hgfdcem0'Vj g"uwf { "eqpenwf gf "d{ "cf xkukpi "uwr gtxluqtu"qh'vgcej kpi "rtceveg"vq"dg"xgt { "ecwkwu"qh'vj g'hgfdcem'vj g{ "i kxg"uwf gpv/vgcej gtu'ht"vj g{ "uncpf "vq"o ct "qt"rtqo qvg'vj g'gpvt g'vgcej kpi "rtceveg"gz gtekg0K'y cu'cnq'tgeqo o gpf gf "vj cv'ht"vgcej gtu" vq"dg"ghgevxg."vj g{ "uj qwf"j cxg"vj g'cdk{ "vq"vug"cp"ctte{ "qh't guctej /dcugf "kpwt wevkqpcñ'utcvgi kgu"kp" vj gk "iguuq"rtgrctevkqp0K'cf f kkp."go r mq{ gtu'qp"vj gk "rtv'uj qwf "r w'lp"r rneg'eqo r tgj gpukxg'u{ ugo u" qh'uwr r qt'v'q"j gr "dgi kplki "vgcej gtu'f wtkpi "vj gk "htuv" { gct "kp"vj g'r tqhguuq0

**Keywords:** Vgcej kpi "Rtceveg."Uwf gpv'Vgcej gt."Hggfdcem'Nguuq"Qdugt xcwvq0

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### STRUCTURAL AND ELECTRONIC PROPERTIES OF SNO<sub>2</sub> SUPERCCELL

*Abderrahim Ait Lhaj<sup>1,a</sup>, Brahim Ouazik<sup>1,b</sup>, Mohamed El Hasnaoui<sup>1,c</sup>, Hassan Chaib<sup>2,d</sup>*

<sup>3</sup>*O cvgt ken'c'pf "Uwlcxqo ke'Rj {ukeu.'Hcewm\ 'qh'Uekpegu.'Klp'Vqlckl'Wpkxgt uk\.'O qt qeeq0'*

<sup>4</sup>*O cvgt ken'c'pf "Gpgti { 'Tgugctej 'T tqwr.'Rqrf'kuekr'kpct { 'Hcewm\ 'qh'Qwct /c/cvg.'Klpqw\ qj t' " Wpkxgt uk\.'O qt qeeq0'*

"

#### ABSTRACT

"Kp"vj ku'uwf { .y g'o qf grgf "vj g'ut wewtcr'c'pf "grgevtqple"r tqr gt vku'qh'c"4z4z4"uwr gtegn'qh'UpQ .y j lej " et { ucnk gu"kp"vj g"s wcf t'c'le"t wkr"r j cug"cv"co dkgp"vgo r gtcwtg"y kj "ur ceg"i tqwr "R6 lo po "358+0' Ecrcwrc'kpu"y gt g'r gthto gf "wukpi "vj g'S wcpwo "Gur tguuq"eqf g'dcugf "qp"F gpuk\ "Hwpevkpcn'Vj ggt { " \*F HV+"y kj kp"vj g"Nqecr'F gpuk\ "Cr r tqzko cvkqp" \*NF C+"go r m { lpi "wntcuqhn'r ugwf qr qvqpkcn0' Vj g" qr vko k gf " utwewtcr' r etco gvgtu" uj qy " i qqf " ci t ggo gpv' y kj " g'zr gt ko gpvcn'xcnwgu0' J qy gxgt." vj g" vj ggt g'lecr'dc'pf "i cr "ku"wpf gt guvko cvgf "cv'20 7" gX"eqo r ctgf "vq"vj g" g'zr gt ko gpvcn'xcnw"qh'50/8" gX0' Rtqlgevgf "f gpuk\ "qh'wcvgu" \*RF QU+"cpcn\ uku'tgxgcm"vj cv'Q/4r "qtdkcn'f qo lpcvg"vj g'xcrgpeg'dc'pf .y j kg" Up/7r "qtdkcn'ctg"r tqo kpgp'v'kp"vj g"eqpf wv'kqp"dc'pf 0'Vq"ko r tqxg"vj g'ceewtce { "qh'vj g'dc'pf "i cr .y g" cr r rkgf "c"J vddctf "eqttgevkqp"vq"vj g'g'qtdkcm."qr vko k lpi "vj g'grgevtqple"r tqr gt v\ "o qf grkpi 0'

**Keywords:** "F HV=F HV- W=NF C=Gpgti { "dc'pf "i cr =UpQ4"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### USING SIMULATION TO FOSTER COMMUNICATIVE AND E-MARKETING SKILLS WITH MARKETING STUDENTS OF LYCÉE TECHNIQUE ET PROFESSIONEL OF PORTO-NOVO

*Dr. Morel Marly MENSAH*

*Gpi nkuj 'Nkpi wanku'cpf 'Fkf cekeu. 'WCE I'HNCUI /Cflcttc''*

*Dr. Désiré Christel ZINSOUVI*

*Gpi nkuj 'Nkpi wanku'cpf 'Fkf cekeu. 'WCE I'HNCUI /Cflcttc''*

*Dr. Viviane A. HOUNHANOU*

*Cuuqekcvg'rtqlguuqt. 'Gpi nkuj 'Fkf cekeu. 'WCE I'HNCUI /Cflcttc''*

*Mrs Euphrasie ALOKPO*

*Rj F 'uwf gpv'kp'Gpi nkuj 'f kf cekeu. 'WCE IGFR/GEF''*

#### ABSTRACT

Kp'cp'Gpi nkuj 'cu'c'Hqtgki p'Ncpi wci g'GHN+eqwpt { 'ikng'Dgpkp. 'o cp { 'hcevtu'j kpf 'vj g'ncpi wci g'ngctpkpi . ' cpf 't'gugctej gtu'eqo r gvg'v'qxgteqo g'vj qug'ej cmgpi gu0Vj ku't'gugctej 'y qtnlhqewugu'qp'uwf { kpi 'vj g'wug' qh'uko wrcvqp'kp"o ctngvki 'hgrf "kp"qtf gt "v" f g'xgnr "ngctpgtu'g/o ctngvki "cpf "eqo o wplecvkxg'unkm"kp" NVR/RIP 0'Vj g"qdlgevkxg"ku"v" hpf "y c { "hqt" kpgi tcvki "uko wrcvqp"cevkxkku"kp"o ctngvki "eqwtug"v" ko r tqxg"uwf gpv'u"qweqo gu0'Vq"eqmgev'f'cvc. "c"o kzgf "o gvj qf "t'gugctej "j cu" dggp" wugf "kp"vy q"u'vgr u0' F wtkpi 'vj g'htu'v'vgr . 'f'cvc'y gt g'eqmgev'f'wukpi "s'wugvqppck gu'cf o kpkvgtgf "v"ukz "28+'GUR"v'gcej gtu'cpf " gki j v' "2+'GUR"o ctngvki "ngctpgtu'qh'NVR/RIP 0'S wrcvkvxg" f'cvc'y gt g'cuq"eqmgev'f' wtkpi "em'utqgo " qdugt'xcvqp0'kp"vj g'ugeqpf "u'vgr . "vj g'zr g'ko gpv'ni' tqw u' "GI + "y j lej "t'gegxgf "vj g'v'gcv' gpv'qh'vj g'wug' qh'uko wrcvqp"cevkxk{ . "cpf "vj g'eqwtu'ni' tqw "GI + "y gt g'v'gugf 0'Vj g'hpf kpi u'j ki j nki j v'vj cv'uko wrcvqp" ecp"ko r tqxg"ngctpgtu'g/o ctngvki "cpf "eqo o wplecvkxg'unkm0'Vj gp. "vj g'r' t'gugpv't'gugctej "uwi i guu"vj g' kpgi tcvqp"qh'uko wrcvqp"kp"o ctngvki "eqwtug"kp"qtf gt "v"j gr "ngctpgtu"v"r' t'ceveg"o qtg"vj g'Gpi nkuj ' Ncpi wci g'v' t'gcej 'vj gkt' i qcr0'

**Keywords** <GUR="G/O ctngvki . "Uko wrcvqp="Eqo o wplecvkxg'unkm"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SYNTHESIS AND CHARACTERIZATION OF COBALT OXIDE THIN FILM PREPARED BY DIP COATING TECHNIQUE

LAHOUEL Khemissi<sup>1\*</sup>, GASMI Meriem<sup>1</sup>, BOUMAZA Abdecharif<sup>1</sup>, DJELLOUL Abdelkader<sup>1</sup>

<sup>1</sup>Ncdqt cvqt { "qhUt wewt gu "Rt qrt kvgku"cpf "Kpvt "Cvqo ke "Kpvt cevqpu"NCURK.C."

<sup>3</sup>Hcewnf "qhUekgpeg"cpf "Vgej pqrqi { ."F gr ct vo gpv"qh'O cwtg "qhUekgpegu."

<sup>3</sup>Wpkxgt ukf "qhCddgu"Nci j tqwt. "Mj gpej gr. "Cri gt kc0'

"

#### ABSTRACT

Co qpi "vj g'ugo leqpf wvqtu'eqdcn'qz kf g. "ku"r /v{r g'vcpukkp"o gvcn'qz kf gu'y kj "c"dcpf "i cr "gpgti { "qh' 304; 65087" gX. "o quvnf "o cplkgu"lp"vy q"flukpev'qz kf cvkp"ucvgu. "EqQ"cpf "Eq<sub>5</sub>Q<sub>6</sub>0'

Eqdcn' qz kf g"j cu" dgeqo g" o qt g"y gm'npqy p" dgecwug" qh'ku" o cp { "dgpghku" uwej "cu." gcu { "u { pyj guku." kpgzr tguukxg. "pqp/vqz le." gpvkt qpo gpvcn'lt kppf rkpguu. "k" f kur r { "u" c" y kf g' t cpi g" qh' r quukdng" wugu' rknng. " ko r tqxgf "ecvnl vle"cevkkk{. " f kur r { " c" uwr gt kqt" grgevt qej go kecn" ucvkucvqt { " grgevt kecn' eqpf wvkkk{. " i cu' f gvgevkqp. "uqret "ugrgevkxg" cduqtdgt 'i . "ugxgtcn'vgej plks wgu'j cxg' dggp" wugf "vq" f gr qukv'eqdcn'qz kf g'vj lp" hko u" hqt" gzco r ng. " uqn' i gn' r tqeguu. " r wugf" r ugt" f gr qukkqp. " TH" ur wwtg lpi. " ur tc { " r { tqn' uku. " j { ftqvj gto cn' 0'

Vj ku" y qtn' f gcn' y kj "vj g" U { pyj guku" cpf "ej ctcevgt k cvkp" qh' Eqdcn' qz kf g" vj lp" hko "Rt gr ct gf" d { " f kr " eqcvkpi "vgej plks wg. "vj gug" r j { ukecn' r tqr gt vku" y gt g' ectt kfg "qw" d { "Z/Tc { "F hht cevqp" \*ZTF +. "uecpplpi " grgevt qp" o let queqr g" \*UGO +. "cpf "vnt cxkqrv" ur gev t queqr { " \*vx/xkukdng + y cu' wkk gf "vq" gzco kpg' vj g' qr vlecn' ej ctcevgt k vku" rknng" cu' vcpuo kwcepg. "cduqtdcpeg. "tghrgevcpeg. "tghrcevkg" kpf gz. " f kgrgevt ke" eqpucpv. "vj g" dcpf "i cr 0'

**Keywords:** Uqn' i gn' Eq<sub>5</sub>Q<sub>6</sub> "Vj lp" hko . "Z/tc { " f hht cevqp. "WX. "GFZ. "UGO 0'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EATING HABITS AND SCHOOL PERFORMANCE IN 10-13 MOROCCAN PRIMARY STUDENTS FROM KHEMISSSET

*Mohcin Elkhathir, Miloud Chakit, Abdechahid Loukili, Youssef Aboussaleh*

*Dkqrqi { "cpf "J gcnj "Ncdqt cvqt { . "Hc ewn { "qh"Uekgpegu. "Kkp "VqlcklWpkxgt ukx { . "Mgpkt c. "O qt qeeq0'*

#### ABSTRACT

Kp'rcu'f gecf gu."cu'lp"qyj gt "eqwptkgu."O qtqeeep'f kgvj cxg'hpqy p'i tgcv'ej cpi gu'lpqxqk'kpi "hqqf u'ctv'k'ek'n' hqqf u' c'pf "rcu' hqqf 0' Vj ku' uwwf { " cko u" vq" u{ uvgu cv'k'ecm { " cuuguu" cuuqek'v'k'pu" dgy ggp" qti cple" hqqf " eqpuwo r v'k'p"cpf "eqi p'k'k'q'p'k'p"uco r rg'qh'uej qqr'ej k'f t'gp0"

Vj g'uwf { "uco r rg'k'p'nm'f g'f "fcvc"qh'432"uej qqr'uwwf g'pu'ci k'pi "32635" { gct u/qrf . "ht qo "vj tgg"rgo g'p'ct { " uej qqr'eqj qt u'0'Y g'o gcuw'gf "cm'eqpuwo g'f "hqqf u'k'p'nm'f k'pi "o c'k'p"o g'cu. "dkuewku. ""ej go k'ecnu'c'pf "r'k'hg" u'f r'gu'0'Vj g'o gcuw'gf "eqi p'k'k'x'g'f qo c'k'pu'y g't g'c'w'g'p'v'k'p"o go qt { "f 4T "vgu" + "cpf "y q't n'k'pi "P / D'c'cm'c'um'0' Y g'wug'f "vy q' "uc'v'k'uec'n'c'r r t'q'ej gu"v'q"cuuguu"cuuqek'v'k'pu" dgy ggp" qti cple" hqqf u' c'pf "ej k'f "eqi p'k'k'q'p" vj g'zr quqo g/y k'f g'cuuqek'v'k'p"uwf { "GzY CU" + "eqpuk'f g't k'pi "g'cej "eqpuwo g'f "hqqf "k'p'f g'r g'p'f g'p'v'k'p" . "cpf " vj g'f g'rg'v'k'p/u'w'd'v'k'w'k'p/c'f f'k'k'p" c'ri q't k'j o "F UC" + "eqpuk'f g't k'pi "cm'g'zr quw'g'u'ko w'nc'p'g'q'w'w'k'f "v'q" d'w'k'f "c" i g'p'g't c'n' o q'f g'r'0' Vj g't g'u'w'w'u" u'j q'y " vj c'v' e'j k'f " qti cple" hqqf "k'p'v'c'ng" y cu' cuuqek'v'g'f "y k'j " j k'j g't "h'w'k'f " k'p'v'g'n'k'i g'p'eg" \*c'w'g'p'v'k'p" + "ueq't gu" \*d'g'c" ? "30B: =; 7' 'EK? "2072."30 9" + "cpf "j k'j g't "y q't n'k'pi "o go qt { "P / D'c'cm'c'um'0' ueq't gu" \*2045 = 2027."2063 + "cpf "ej k'f "rcu' hqqf "k'p'v'c'ng" \* 3047 = 4032." 2062 + "y cu' cuuqek'v'g'f "y k'j "m'y g't " c'w'g'p'v'k'p" c'pf "o go qt { "ueq't gu'0'J q'y g'x'g't. "vj g't w'c'n'q't k' k'p' vj c'v't g'h'g'v'j k'j "r'j { u'k'ec'n'c'v'k'k'v'k'0'"

Vj ku'htu'v'eqo r t'g'j g'p'uk'x'g'uwf { "qh'ej k'f j q'q'f "p'w'k'k'q'p" t'k'um'f'c'ev'q't u'w'i i g'u'u'v'j c'v'w'p'k'x'q'w't c'd'rg' e'j k'f "f'k'g'v." k'p'nm'f k'pi " m'y " qti cple" hqqf " eqpuwo r v'k'p" c'f x'g't u'g'n' " c'pf " e't quu' u'g'ev'k'p'c'm' { " cuuqek'v'g'f "y k'j " eqi p'k'k'x'g' h'p'ev'k'p'0' W'p'g'zr g'ev'g'f "cuuqek'v'k'pu" y g't g'c'nuq" q'd'ug't x'g'f " c'pf " o c' { dg" f'wg" vq" eq'p'h'q'w'p'f k'pi " c'pf " t'g'x'g't u'g' e'c'w'uc'k'v'k'0'

**Key words** "qti cple" hqqf . "eqi p'k'k'x'g' h'p'ev'k'p. "f 4T "vgu. "c'f q'rg'ue'g'p'u. "O qt qeeq0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### USE OF CHITOSAN EXTRACTED FROM CUTTLEFISH BONE AS A HIGH-QUALITY BIOMATERIAL FOR THE ADSORPTION OF CONGO RED DYE: KINETIC ANALYSIS, OPTIMIZATION AND APPLICATIONS IN WASTEWATER TREATMENT

Malika Ezzaine<sup>1</sup>, Fatima Zahra ERRAJI<sup>1</sup>, Abdelkader DABAGH<sup>1</sup> and Fatima EL BAZ<sup>1,2</sup>

<sup>3</sup>NCECRG'Ncdqtcvqt { "qhl'Cr r r k g f 'Ej go k m t { "c p f 'G p x k t q p o g p w 'H c e w m f "q h l 'U e k p e g . 'K d p \ " q j t " W p k x g t u k f . 'C i c f k t . : 328. 'O q t q e e q "

<sup>4</sup>H c e w m f "q h l 'C r r k g f 'U e k p e g u . 'C k 'O g m q w n 'K d p \ " q j t 'W p k x g t u k f . 'C i c f k t . : 2222. 'O q t q e e q "

#### ABSTRACT

Vj ku'uwf { "gzco kpgf "y g" ghgewkxgpguu"qh'ej kqucp"cu"cdkquqtdgpv'hqt"tgo qxkpi "eqpi q"tgf "ET+f { g" hqo "cs wqwu'uqnwkqp"d { "gzvcevpki "k'ht qo "o ct kpg'dkqo cuu."wulpi "y g"eqpxgvpkqpcr'o gj qf . "hqmny kpi " yj g" ugr u" qh" f go kpgtckl cvkqp." f gr tqvgkpk cvkqp" c p f " e q p x g t u k a p " e j k k p " v q " e j k q u c p " \* E J U 0 ' Z / T c { " F k h t c e v k p . " U e c p p k p i " G r e v t q p " O l e t q u e q r g . " O c r r k p i " c p f " G p g t i { " F k u r g t u k x g " U r g e v t q u e q r { " y g t g " w u g f " v q " c u u g u u " o q t r j q m i { . " g r g o g p w e n ' e q o r q u k k a p " c p f " u t w e w t g " q h ' g z v c e v g f " e j k q u c p 0 V j g ' n k p g v k e " u w f { " q h ' E T " c f u q t r v k p " q p v q " y j g ' d k q c f u q t d g p v y c u ' h k w g f " y k j " c ' r u g w f q / u g e q p f " q t f g t ' n k p g v k e " o q f g r 0 V j g ' k p h n w p e g " q h ' r c t c o g v g t u " u w e j " c u " d k q c f u q t d g p v " t c v k q . " e q p w e v " v o g . " k p k k c n ' e q p e g p t c v k q p . " v g o r g t e w t g " c p f " r J " y c u " v g u g f " w u l p i " V c i w e j k ' g z r g t k o g p w e n ' f g u k i p " \* V G F + " y k j " N . " q t v j q i q p c n ' e t t c { " \* h k x g " r c t c o g v g t u " k p " v y q " r g x g n u + 0 V j g ' k p k k c n ' e q p e g p t c v k q p . " d k q c f u q t d g p v " f q u g " c p f " e q p w e v " v o g " c t g " y j g " o c k p " r c t c o g v g t u " h q t " y j g " t g o q x c n ' q h ' E T " f { g . " y j k g " y j g " g h g e w " q h ' r J " c p f " v g o r g t e w t g " c t g " o k p k o c n 0 V j g " o c z k o w o " f { g " t g o q x c n ' g h h e k p e { " w p f g t " q r v o c n ' q r g t c v k p i " e q p f k k a p u " y c u " ; 8 0 l ; " 0 y j k e j " c v ' y j g " q r v o c n ' e q p f k k a p u " q h ' 3 0 7 " i I N . " r J " 6 . " 4 2 " o i I N . " 5 7 " E . " 3 4 2 " o k p " h q t " E T " f { g 0 V j g ' t g u w n u " q h ' c p c n f u k u " q h ' x c t k e p e g " \* C P Q X C + " u j q y g f " y j c v " y j g ' k p k k c n ' e q p e g p t c v k q p " E r k q h " E T " f { g " y c u " y j g " o q u v ' u k i p k h e c p v h c e v t " k p " y j g " c f u q t r v k p " g h h e k p e { " y k j " c " e q p t k d w k p " q h ' 7 4 0 ; " 0 V j g u g ' t g u w n u " e q p h t o " r t g x k q w u ' t g u w n u " q d v c k p g f " y k j " y j g " d c v e j " u { u g o " c p f " u j q y " y j c v ' y j k u " e d u q t d g p v " k u " c m u " r t q o k u k p i " h q t " y j g " t g o q x c n ' q h ' c p k a p l e " f { g " h t q o " y c u g y c v g t 0 "

**Keywords:** Cf uqtr v k p . ' E j k q u c p " d k q o c u u . ' X c n q t k c v k a p . ' Q r v o k c v k a p . ' M k p g v k e u . ' Y c u g y c v g t " t g c w o g p v 0 "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CORE ELEMENTS OF DIGITAL ACADEMIC LEADERSHIP IN HIGHER EDUCATION: A COMPREHENSIVE REVIEW

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*Zohaib Hassan Sain<sup>1</sup>*

*Uwr gt kqt "Wpkxgt ukyl . "Renkucp<sup>3</sup>"*

#### ABSTRACT

F ki kcril'cecf go le "Ngcftgtuj kr "F CN+"kp" j ki j gt "gf wecvkqp"ku" go gti kpi "cu" c" etklecni'f tkxgt "qh" cecf go le "cf xcego gpv. hquvgt kpi "kppqxcvkqp" cetquu' kpukswwkqpcni' gpxkt qpo gpv0Vj ku' uwf { "eqpf wevgf "c" u{ ungo cvle" rkgtcwtg" t gxlgy . " hqewukpi " qp" etklecni' r wdrlec vkpu" vq" g zco kpg" vj g" guugpvkci' eqo r qp gpv" qh' f ki kcril' cecf go le "ngcf gtuj kr "y kj kp" wpxgt ukylgu" cpf "qvj gt "gf wecvkqpcni' ugwkpi u0Vj g' t guctej "f cvdcug" kpenwf gu" 57" ct vlegu. "cmly tkwgp" kp" Gpi rkuj "cpf" r wdrkuj gf "kp" r t gunki kqwu. " j ki j / t c p n k p i " c e c f g o l e " l q w t p c n i ' d g y g g p " l e p w e t { " 4 2 2 7 " c p f " L w p g " 4 2 4 5 0 G c e j " c t v l e g " y c u ' e j q u g p ' v j t q w i j " c ' t k i q t q w u ' u g r g e v k a p ' r t q e g u u ' v q ' g p u w t g ' v j g " t g r x c p e g " c p f " s w e r k y { " q h ' k p u k i j u ' k p v q " F C N 0 ' V j g " r k g t c w t g " t g x l g y " u j g f u " r k i j v " q p " v j g " u k i p k h e c p v " e q p v t k d w k q p u " c p f " q p i q k p i " f g x g n r o g p w l k p " v j k u ' h k r f . " r t g u g p v k p i " c " f g c k r g f " c p c n f u k u " q h ' v j g q t g v l e c n i ' c p f " e q p e g r w e n i ' h t c o g y q t n u " v j c v f g h k p g " c p f " u w r r q t v ' F C N 0 T g u w n u " g o r j c u k g ' v j g " l o r q t v c p e g " q h ' e t g e v k p i " c " t q d w u v ' e w n w t g " q h ' f k i k c r i l ' c e c f g o l e " n g c f g t u j k r " y k j k p " g f w e c v k q p c n i ' k p u k s w w k q p u " c p f " k f g p v k h f k p i " e q t g " u t c v g i k g u " v q " l o r n g o g p v ' c p f " u w u v k p " f k i k c r i l ' n g c f g t u j k r " k p k k c v k x g u " g h g e v k x g n f 0 ' k p u k i j u ' h t q o " v j k u ' t g x l g y " t g x g c n i ' j q y " F C N " e c p " g p j c p e g " v g c e j k p i . " t g u g t e j . " c p f " c f o k p k u t c v k x g " r t q e g u u g u " d { " n g x g t c i k p i " f k i k c r i l ' v q q n i " c p f " h q u v g t k p i " c " o q t g " k p p q x c v k x g " c e c f g o l e " g p x k t q p o g p v 0 V j k u " e q o r t g j g p u k x g " t g x l g y " w n k o c v g n f " r t q x k f g u " x c n e d n g " u t c v g i k g u " h q t " c e c f g o l e " n g c f g t u " v q " k p v g i t c v g " f k i k c r i l ' n g c f g t u j k r " r t c e v l e g u " v j c v o g g v ' v j g " g x q r k l p i " f g o c p f u ' q h ' j k i j g t " g f w e c v k q p 0 "

**Keywords:** Cecf go le "ngcf gtuj kr "ewnw t g. " F ki kcril'cecf go le "ngcf gtuj kr .J ki j gt "gf wecvkqp" f g x g n r o g p v 0



III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

INFLUENCE OF B SITE IN DOUBLE PEROVSKITES Sr<sub>2</sub>CuBO<sub>6</sub> (B= Ir, Os) ON THE MAGNETIC EXCHANGE: MONTE CARLO INVESTIGATION

Hajar El Ganich <sup>1\*</sup>, Omar Ben Lenda<sup>2,3</sup>, Omar El Rhazouani<sup>1</sup>, Elmadani Saad<sup>1</sup>

<sup>3</sup>J cuucp'Hk uw'Wpkxgt ukf "qh'Ugwc v."J ki j 'Kpukwg'qh'J gcnj 'Uekpegu.'Ncdqt cvqt {"qh'Uekpegu'cpf "

J gcnj 'Vgej pqri kgu.'Ugwc v.'O qt qeeq0'

<sup>4</sup>Vj g'Pcvkqpcn'J ki j gt 'Uej qqr'qh'O kpi "qh'Tcdcv\*GPUOT+'Tcdcv.'O qt qeeq0'

<sup>5</sup>Ncdqt cvqt {"qh'Rj {ukecn'Ej go km {"qh'Rt qeguugu'cpf 'O cvgt kcu.'Hc ewn {"qh'Uekpegu'cpf 'Vgej pqri {"

Ugwc v.'J cuucp'3u'Wpkxgt ukf.'Ugwc v.'O qt qeeq0'

ABSTRACT

Kp'vj ku'lxguki cvkqp.'y g'r t gupv'c'uwf {"qh'vj g'kphwpeg'qh'ukg'D'uwdukwkqp"qp'vj g'o ci pgl'e"zzej cpi g' kpvgtcevkpu'k'U<sub>4</sub>EwDQ<sub>8</sub>"\*D?."K.'Qu+'F qwdrg'Rgtqxunkgu'0Dcugf "qp'vj g'tgr'v'kqp'dgy ggp'o ci pgl'uo "cpf " kpvgtpcn'gpgti {"qp'gcej 'ukg'lp'vj g'rwleg'0Vj g'zzej cpi g'kpvgtcevkpu'j cxg'dggp'eqo r wgf 'wukpi 'c'O qpv" Ectm'lxguki cvkqp'eqo dlpki 'y kj 'O gtr qru'Crn qt kj o "lp'vj g'itco gy qtn'qh'Kkpi 'o qf g'0O qt gqxt." vcnpi " kvq" ceeqpv' vj g' vcpukqp" vgo r gtcwtg" hqwpf " gzt gto gpvcmf " vq" uko wcvg" vj g' o ci pgl'e" J co knqpkp" r ctco gvtu'0'J ppeg." vj g' zzej cpi g' kpvgtcevkpu" vj cv' y gt g' qd'v'kpgf " hqt "U<sub>4</sub>EwKQ<sub>8</sub>" ctg"..... LEwK? "4062"o gX."LEwEw? "/4022"o gX"cpf "LEwK? "20587"o gX0Y j kg'vj g'zzej cpi g'kpvgtcevkpu'qdv'kpgf " hqt "U<sub>4</sub>EwQuQ<sub>8</sub>" ctg."LEw Qu? "5084"o gX."LEw Ew? " 30753"o gX."cpf "LQu Qu? "2064"o gX0Hkpcmf ."vj g' kphwpeg'qh'D/ukg'qp'vj g'vcpukqp"vgo r gtcwtg'cu'y gmf'cu'qp'vj g'xcwgu'qh'vj g'zzej cpi g'kpvgtcevkpu" j cxg'dggp'uwf kgf "cpf 'f kewugf 0"

**Keywords:** " F qwdrg" r gtqxunkg" U<sub>4</sub>EwKQ<sub>8</sub>." F qwdrg" r gtqxunkg" U<sub>4</sub>EwQuQ<sub>8</sub>." o ci pgl'e" zzej cpi g' kpvgtcevkpu."O qpv" Ectm'lxguki cvkqp0'

"  
"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EFFECTS OF POWTOON APPLICATION VIDEO ON LEARNING OUTCOMES AMONG PRE-SERVICE GEOGRAPHY TEACHERS IN NORTH CENTRAL, NIGERIA

Usman, Z.N.<sup>1</sup>; Prof. Tukura, C. S.<sup>2</sup>; Kuta I. I. (PhD.)<sup>3</sup> & Prof. Yunusa, M. B.<sup>4</sup>

*F grctwo gpv'qhl'Gf wecvkqpcnVgej pqrqi {<sup>3.4. 5</sup>cpf "F grctwo gpv'qhl' gqi tcrj {<sup>6</sup>"*

*Hgf gt crn'Wpkkgt ukv' qh'Vgej pqrqi { . "Okppe. "Pki gtlc<sup>3.4.5( 6</sup>"*

"

#### ABSTRACT

Vj g'uwwf { "kpxgwki cvgf "Ghgewu"qh'Rqy vqpp"cr r necvkqp"xl' gq"qp"ngctpkpi "qweqo gu"co qpi "r tg/ugtxleg" I gqi tcrj { "vgej gtu'kp"Pt vj "Egptcn"Pk gtlc0C"y q/i tqwr "fguki p'y cu'cf qr vgf "hqt"vj g'uwwf {0Vj g'vcti gv' r qr wcvkqp"ht"vj ku"uwwf { "y cu"3.385"rtg/ugtxleg"I gqi tcrj { "vgej gtu'kp"Pt vj "Egptcn"Qpg/hkm/Qpg" \*373+"y gtg"uco r rnf "hqt"vj g'uwwf {0Vj q"tgugctej "swgukqpu"y gtg"tckugf 0Vj q"gzr gtu"xcrl' cvgf "vj g" tgugctej "kpustwo gpv'wugf "hqt"vj g'uwwf {0C"s wgwukppckt g'y cu"wugf "hqt"fcw"eqmgevqpp0Vj g'tgrkdkk{"qh" vj g'kpustwo gpv'y cu'f gvtgto kpgf "wukpi "Etqpdcej u"cr j c"cpf "2057." "kpf gz "qdvckpgf 0Vj g'fcw"eqmgevqf " y cu'cpcn| gf "wukpi "f guetkr vkg"cpf "kphgt gpv'cn'ucvku0vj g'uwwf { "tgxgcrgf "vj cv'wkkk cvkqp"qh'Rqy vqpp" cr r necvkqp" xl' gqu" kp" vgej kpi " i gqi tcrj kcrn' eqpegr wu" gpj cpegf " uwwf gpwø" r gthqto cpeg" vj cp" vj g" gZR qukqt { " o gy qf " qh" vgej kpi " Dcugf " qp" vj g" hkp' kpi u" cpf " eqpenwukqp" ftcy p." vj g" hqmty kpi " tgeqo o gpf cvkqpu'ctg'o cf g'v'ko r tqxg'uwwf gpwøf gthqto cpeg'kp'i gqi tcrj { <I gqi tcrj { "vgej gtu'lj qwrf" wkkk g'cpf "gpeqwtci g'uwwf gpw'qp"vj g'wug"qh'Rqy vqpp"cpf "Cpko qvq'kpustwecvkqpcn'xl' gqu"Vgej pqrqi { "cu" k'r tqo qvq'hzkdng'ngctpkpi . "cwqppqo qwu'cpf "kpf gr gpf gpv'ngctpkpi 0""

**Keywords** <Rqy vqpp"Cr r necvkqp cpf "Ngctpkpi "Qweqo gu'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MATHEMATICAL MODELING OF HIV/AIDS TRANSMISSION AMONG HIGH-RISK PRISONERS

O. A. Odebiyi<sup>1\*</sup>, J. K. Oladejo<sup>2</sup>, A. A. Taiwo<sup>3</sup>, E.O Elijah<sup>4</sup> and O.A. Adeboye<sup>5</sup>

<sup>3,4,5,7</sup> *F gr ctwo gpv'qhlRwt g'cpf "Cr r rkgf "O cvj go cvkeu."Ncf qng" Cnkpvqr "Wpkxgt ukf "qhlVgej pqrqi {."*

*Qi dgo quq. "Pki gt kcO'*

*<sup>6</sup>F gr ctwo gpv'qhlO cvj go cvkeu."Hgf gt criWpkxgt ukf "qhlVgej pqrqi {."O kppc "Pki gt "ucvgo'*

"

#### ABSTRACT

J KXICF U" ur tgc f " kp" r tkuqpu" r qugu" uki pkklecpv" i mdcn" j gcnj " eqpegt pu." pgeguukcvlpi " o cvj go cvkecn" o qf gmipi "vq" kphqt o "gxkf gpeg/dcugf "kpvt xgpkvqpu" cpf "r qike { "f gekukqpuO'Vj ku'uwf { "gzi nqt gu" J KXICF U" vtcpuo kuukq" f { pco leu" y kj kp" r tkuqpu" hqewulpi " qp" j ki j /tkun" r qr wrcvqpuO' C" ukz/eqo r ctwo gpv" o qf gn" y j lej " kpenf gu" Uwegr vldng." Xceelpcvgf /RtGR." " Cu{ o r vqo cvle." U{ o r vqo cvle." Vtgcvgf " cpf " CKF U" r qr wrcvqpu" ku" r t gugpvvgf O'Vj g" xcikf kvf "qh" yj g" uqnvkqp" ucvgu" chkt o u" yj cv" yj g" o qf gn" ku" y gm" f ghkpgf " cpf " j qif u" gr kf go kqrni lecn" uki pkklecpvgO'Vj g" dcule" tgr tqf wevqpu" pwo dgt " \*T<sub>2</sub>+ " y cu" cnq" qdvclpgf " wulpi " yj g" pgzv" i gpgtcvkqp" o cvkzO'Vj g" f kugcug/ht gg" cpf " gpf go ke" gs wkrkdtkwo " ucvgu" y gt g" kf gpvklgf. " cpf " yj gk" ucdrkvf " ku" cpcn{ | gf " y j lej " uqy u" yj cv" kh" T<sub>2</sub> < 3 " yj g" f kugcug" ht gg" gs wkrkdtkwo " ku" mjecm{ " cu{ o r vqkecm{ " ucdrng" cpf " wpuvdrng" kh" qvj gty kugO' Ugpukxkvf " cpcn{ uku" y cu" ecttkgf " qw" wulpi " pqto cikf gf " hqty ctf " ugpukxkvf " kpf gzO'Vj g" qweqo gu" htqo " ucdrkvf " cpf " ugpukxkvf " cpcn{ uku" uwi i guv" r tqo kulpi " r tqur gew" hqt" o kki cvlpi " J KXICF U" ur tgc f " y kj kp" r tkuqpu" r qr wrcvqpuO'

**Keywords:** O cvj go cvkecn" o qf gmipi , J KXICF U. "Dcule" Tgr tqf wevqpu" P wo dgt. "Ucdrkvf "

"

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#### UTILIZATION OF VERMICOMPOST IN BIOREMEDIATION AND SOIL QUALITY MANAGEMENT

Ganesh Kumar\*, Prof.R.Y Hiranmai and Ajay Neeraj

Uej qqr'qhlGpxkt qpo gpv'cpf "Uwucpcdng" F gxgrq o gpv"  
Egpr crl'Wpkxgtukf "qhlI wltcv.I cpf j kpci ct "Kpf kc" \*5: 4252-0'

#### ABSTRACT

Ci tlewnwtg'r tqf wevkqp"r r{u"u"uki pkecpv'tqng"cu"u"uqwtg"qh'pwtkkqp"cpf "rxgrkj qqr "ugt xkpi "r gqr ngu" i rjdcml'0'Gzeguukxg" wug" qh"r guvekfu" cpf "eqpxgpxkpcn' hgt vkk'gtu"lp" uqkl'swcrk\ "o cpci go gpv" cpf " r tqf wevkqp"qh'etqr u'ecwugu"ugt kwu"eqpegt pu't grcvgf "v"gpwxk qpo gpcn'uwucpcdng"cpf "j wo cp"j gcmj 0' Vj wu"vj gt g'ku"u"pggf "qh"uwucpcdng"uqnrwkp'u"ht "kpetgcukpi "r tqf wevkqp"qh'etqr u'cpf "o cpci go gpv"qh' vqzkelv\ 'lp'uqkl'0'Vj g'r t gupv'uwf { "g'r rgt gu"vj g'tqng"qh"xgt o leqo r quv"lp'uqklit go gf kcvkqp"cpf 'ku'uw'r qt u" lp'uwucpcdng'uqkl'swcrk\ "o cpci go gpv'0'Wkk' cvkqp"qh'qdugtxcvkpu'ugctej "vj tqwi j 't gugctej "cpf 'tgxky " ctvlegu'ltqo "uelgpkhke"lqwtpcn'r tqxkf gu'kpu' j w'lpv"vj g'ghgevkxgpguu"qh'xgt o leqo r quv"lp'uwucpcdng" ci tlewnwtg"lp"vj g'g'tc"qh'tgf wekpi "ci tlewnwtcr'ncpf . "vtdcpk' cvkqp"cpf "erko cvg"ej cpi g'0'Vj g'pwtkpv'tlej " ecukpi u" cpf "gp| {o cvk' gpj cpego gpv'ltqo "f ki gukxg"r tqeguu"qh'gctvj y qto u'ltqo "qti cple"dkqo cuu" r tqxkf gu'uqkl'eqpf kkpqgt "eqpckkpi "t gcf k\ "cxckcdng"r rcpv'pwtkpv'0'Xgt o leqo r quv'r tgr ctgf "d { "vj g" wug"qh" "gctvj y qto u"ko r tqxgu'uqkl'r qtquk\ . "ci i tgi cvg"ucdkk\ .kpetgcugu"y cvgt "j qrf kpi "ecr cek\ "y j krg" f getgcugu"uqkl'dwm'f gpuk\ (Uwr r ngo gpv'qh'kpu'd { "xgt o leqo r quv"ko r tqxgf "vj g"cpvkz kf cpv'cevkv\ 0" Xgt o leqo r quv' dqquv' cxckcdk\ "qh' pwtkpvu. "kpetgcugu" f kugcugu" cpf "r guv' vqrgtcepg" k" etqr u" cpf " ko r tqxgu'etqr "r tqf wevkqp'0'Vj ku'ku'qpg"qh'vj g'equv'ghgevkxg"cpf 'uwucpcdng'utcvgi { "vj cvj cxg"vj g'r qvgpvcn' vq"cmgxlcvg"go gti kpi "r qmwcpvu.qti cple"vqzku.o letqr rucvke"cpf "r j cto cegwkecu" "o cvgtkcu"ltqo "vj g" uqkl'0'Xgt o leqo r quv'cew'cu"u"qti cple"o cpwtgu'pwtkuj gu'uqkl'y kj "o cetq"cpf "o letqpwtkpvu."htqo cvkqp" qh'j wo wu."gp| {o gu."ko r tqxgu'pwtkqp"lp'r rcpvu."r j { vqj qto qpgu'cpf "r j qvqu{ pvj guku'vj wu'gpj cpegu'uqkl' swcrk\ 0'Hwtvj gto qt g'xgt o leqo r quv'j gr u'lp'tgf wekpi "ncpf "f gi tcf cvkqp"cpf "qti cple"ectdq'ugs wguv'cvkqp" lp'uqkl'0'Xgt o leqo r quv'ku"geq/ltkpf n\ "cpf "xgt { "uko r ng"r tqeguu"vj cv'j cu"dgvgt "ej ctcevgt ku'ku'hcwv'gu" y kj qw'ecwukpi "j cto "vq"etqr u'0'K'eqpckpu"j ki j gt "pwtkpvu"eqpv'pv'cu"eqo r ctgf "vq"qvj gt"eqo r quv' dgecwug" qh' gpj cpegf "o kpgtcrk' cvkqp" cpf "f geqo r quv'kqp" r tqeguu" xlc"cevkv" qh' gctvj y qto u'0'Vj wu' cr r rcedk\ "qh'xgt o leqo r quv'ko r tqxgu'vj g'r j { uleq/evj go kecr'cpf "dkqrqi kecr'v'ldwgu"lp'uqkl'0'

**Keywords :** "xgt o leqo r quv."dkqt go gf kcvkqp."ci tlewnwtg."uqkl'o cpci go gpv"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### HEALTH CARE SYSTEMS AND PHARMACY SERVICES

V.Ranjani\*1, K.M.Keerthivasan-2, Dr.W. Helen-3

*Dcej grqt "QhRj cto ce{ '6' } [ gct '\*30+ "Cuukncpv'rtqlguqt/5"*

*Hcewmf "qhrj cto ce{ .Dj ctvj "kpukwg"qhlj ki j gt "Gf wecvkp"cpf "Tugctej .Ej gppck"Vco kpcf w." kpf kc0'*

#### ABSTRACT

Ko r tqxkpi "rcvkgpv'qweqo gu "i wctcpvggkpi "vj g'uchg"cpf "ghhekgpv'cf o kpkutcvkp"qh'r j cto cegwlecnu." cpf "kpetgcukpi "vj g'i gpgtcn'ghgevkxgpguu"qhl'j gcnj "ectg'f grkxgt { . 'r j cto ce{ "ugt xlegu"ctg"guugpv'kcn'vq"vj g" qr vko k cvkp" qh'j gcnj "ectg" u{ uvgu u" ctqwpf " vj g" y qtrf 0' Rj cto cekuu" ctg" r r { kpi " c" dki i gt" tqng" kp" o wnkf kuek rkpct { "vgco u'cu'j gcnj ectg'u{ uvgu u'i tqy "o qtg'r cvkgpv'egpvgt gf "cpf "uqr j kulecvgf 0'Vj gl "j gr " y kj "o gf lecvkp"vj gtr { "o cpci go gpv\*O VO + "ej tqple'knpguu'o cpci go gpv."cpf "r t gxpvcvkxg'ectg0'Vj ku" cdutcev' gzcoc kpgu" j qy " r j cto ce{ "ugt xlegu" j cxg" ej cpi gf " y kj kp" j gcnj ectg" u{ uvgu u." go r j cuk kpi " ko r qt vpv' hgrf u" rknj" erpklecn' ectg. " r j cto cegwlecn' uchgv{ . " r wdrl " j gcnj . " cpf " j gcnj " r qrle { " y j gt g" r j cto cekuu'r r { "c' b' clqt 'tqng0'Cr ctv'ltqo "vj gk' erpklecn' gur qpukl'knkku. 'r j cto cekuu'cnuq'j cxg'cp'ko r cev' qp"j gcnj ectg'r qrle { "d { 'r tqo qvki "ko r tqxgf "ceeguu"vq"o gf lecvkpu. 'r tlelpi . "cpf "o gvj qf u'qhl'j gcnj ectg" f grkxgt { 0' Vq" kpetgcug" vj g" ghgevkxgpguu" cpf " gs wkv{ " qh' vj g" j gcnj ectg" u{ uvgu . " r j cto cekuu" o wuv' dg" kpeqtr qtcvgf "kvq" r tko ct { "ectg'vgco u. "wug"ewwki /gf i g"vgej pqmji { "hqt"o gf lecvkp"cf o kpkutcvkp. "cpf " r ctvlekr cvg"kp" j gcnj "rktgce{ "r tqi tco u0'Vj g"utcvgi le "kpvgi tcvkp" qh'r j cto ce{ "ugt xlegu"ecp" f getgcug" j qur kcn' tgcfo kuukpu. " kpetgcug" qxgtcn' u{ uvgu " uwuclpcdkkv{ . " cpf " ko r tqxg" r cvkgpv' j cr r kpguu" cu" j gcnj ectg" u{ uvgu u" f gcn' y kj " i tqy kpi " f go cpf u" hqt " o qtg" chqt fcdng" vtgcvo gpv' cpf " dgwgt " j gcnj " qweqo gu0'Hqt "r j cto ce{ "ugt xlegu"vq"dg"o qtg"kvgi tcvgf "kvq"j gcnj ectg"u{ uvgu u"ctqwpf "vj g'y qtrf . "vj ku" cdutcev'j ki j nki j w'vj g'pgeguukv{ "qh'eqpvkpwgf "tugctej . "kputwecvkp. "cpf "ngi kurevkxg"mqdd { kpi 0'

**Keywords:** "Rj cto ce{ "ugt xlegu. "j gcnj ectg"u{ uvgu u. "o gf lecvkp"vj gtr { "o cpci go gpv."erpklecn'ectg. " r cvkgpv'qweqo gu. "j gcnj "r qrle { "

"

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#### THE STRATEGIES FOR ENHANCING THE TEACHING OF FOUNDRY TECHNOLOGY IN NIGER STATE POLYTECHNIC, ZUNGERU

Alhassan Yunusa Alkali<sup>1</sup> Mohammed Alhassan<sup>2</sup> Umar Y. Ibrahim<sup>3</sup> Abdullahi AM. Yassar<sup>4</sup>

*Fgrctwo gpv'ql'Ogej cplēcn'Gpi kpggtkpi 'Vgej pqrqi { "*

*O kppc'kpukwag'ql'Vgej pqrqi { 'cpf'kpqxcvkap<sup>3</sup> 6. '"*

*Fgrctwo gpv'ql'Vgej plēcn'Gf wecvkap. 'Pki gt 'Ucvg'"*

*Eqnpi g'ql'Gf wecvkap<sup>4</sup>."*

*Fgrctwo gpv'ql'kp'wmtkcn( 'Vgej pqrqi { 'Gf wecvkap."*

*Hgf gtcn'Wpkxgtukl'ql'Vgej pqrqi { 'O kppc<sup>5</sup>0'*

#### ABSTRACT

Vj g"o ckp"r wtr qug"qh'y ku'uwf { "ku'f guki pgf. "hqt"y g"utcvgi kgu"vq"gpj cpeg"vj g"vgej kpi "qh'Hqwpf t { "vgej pqrqi { "kp" Rqn'vgej pleu'Vj g"uwf { "ku'c"uwtxg { "tgugctej "fguki p0C"utwewt gf "s wguvqppckg"qh'f khtgtpv'utcvgi kgu'hqt"vgej kpi " y cu" wugf "hqt" f cv" eqmgevkap" cpf " y cu" cf o kpkvgtgf " vq" 9; " vgej gtu" qh" Hqwpf t { " vgej pqrqi { kp" P ki gt "Ucvg" Rqn'vgej ple." \ wpi gt w0Dcugf "qp"vj g" hpf kpi u"eqpenwukap"y cul' tcy p'vj cv'vj g'tgur qpf gvu'ceegr vgf "vj g'pggf u" hqt'kp'utwevqpcn'utcvgi kgu'hqt"gpj cpeki "vj g"vgej kpi "qh'Hqwpf t { "vgej pqrqi { "kp" P ki gt "Ucvg"Rqn'vgej ple." \ wpi gt w0Cu'vj ku'y knitguwn'vq'r tqf wekpi "Rqn'vgej ple"i tcf wevgu'y j qct g'cr ctvltqo 'dggp'ugr't gncpv'cpf "gpvtr tkukpi " y knicnuq'dg'lqdu'r tqxkf gtu0'

**Keywords:** Utcvgi { .Gpj cpeki .Hqwpf t { "Vgej pqrqi { .Rqn'vgej ple"

"

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#### ODOUR CONTROLLED POULTRY MANURE; EFFECT ON OKRA (*ABELMOSCUS ESCLENTUS*) PRODUCTION

*<sup>1</sup>Ogbu Onyinye Christiana, Oguebiri, E., Freeman, L.L., Mbonu, P.C., Mmoba, C., and Igwudu, O.M.*

*Fgrctwo gpv'qhi'Ci tke'wmt'cni'Vej pqrqi {.'Hgf gt'cni'Rqr'vgej pke'Qnq' Cpco dtc 'im'ng'Pki g'k'0'*

#### ABSTRACT

Vj g'uwwf { "gxcn'w'v'f' y' g'gh'gev'q'h'q'f' q'w' "eqpvt'qmgf' "r' q'w'mt' { "o' cpwt'g' "f' tqr' r' l'pi' u' "qp' "y' g' "i' t'q'y' v'j' . " { l'grf' "cu' y' g'ni'cu' "o' ctng'v'xcn'w'g' "q'h' "Qntc' "kp' "W'ho' c' "o' g'v't'qr' q'ru'0'Vj' g't'g' "y' g't'g' "y' q' "t'g'c'v'o' g'p'v'i' t'q'w' u' "V3' y' cu' "y' g' "q'f' q'w' "t' eqpvt'qmgf' "t'g'c'v'o' g'p'v'i' t'q'w' "y' j' l'ej' "eqpuk'u' "q'h'322' "i' t'c'o' u' "i' + "q'h' "o' C'no' "o' "v'q' "4222' "i' "q'h' "y' q'q'f' "uj' c'x'k'p'i' u' "y' j' l'ej' " y' cu' "w'ug'f' "cu' "h'k'w'g' "t' "o' c'v'g't'k'c'ni' "l'p' "d't'q'k'g't' "e'j' l'eng'p' "j' q'w'ug'0'V4' "y' cu' "p'q'v' "t'g'c'v'f' "u'g't'x'g'f' "cu' "eqpvt'q'f'0'G'c'ej' "t'g'c'v'o' g'p'v' "i' t'q'w' "j' c'f' "h'k'g' " \*7+ "r' q'w'g'f' "Qntc' "r' r'ep'v'u' "t'g'r' "d'ec'v'g'f' "v'g'p' " \*32+ "v'k'o' g'u' "o' c'ni'k'p'i' "c' "v'q'c'ni' "q'h' "72" "r' r'ep'v'u' "r' g't' "t'g'c'v'o' g'p'v' "2' "i' "q'h' "y' g' "t'g'c'v'o' g'p'v' "y' cu' "c'f' "f' "g'f' "g'x'g't' { "h'q'w't' "y' "p'k'i' "j' v' "l' "y' k'j' "q'v'j' g't' "t'q'w'k'p'g' "o' c'p'c'i' g'o' g'p'v' "t'c'v'k'eg'u' "c'f' "g's'w'c'v'g'ni' "q'd'ug't'x'g'f'0'Vj' g' "r' r'ep'v' "j' g'k'i' "j' v' "r'g'c'h' "p'w'o' d'g't' . "u'v'g'o' "r'g'p'i' "v'j' . "h't' "v'k' "p'w'o' d'g't' . "h'q' "y' g't' "p'w'o' d'g't' . "r'g'c'h' "r'g'p'i' "v'j' "c'p'f' "h't' "v'k' "y' g'k'i' "j' v' "y' g't'g' "o' g'c'u'w't'g'f'0'Vj' g't'g' "y' cu' "p'q' "u'k'i' p'h'k'ec'p'v'f' "k'h'g't' g'p'eg' " \*R' " @2027+ "c'o' q'p'i' "c'm' "v'j' g' "r' c't'c'o' g'v'g't'u' "o' g'c'u'w't'g'f' "h'q't' "d'q'v'j' "t'g'c'v'o' g'p'v' "i' t'q'w' u' "V3' "c'p'f' "V4'0'Vj' g' "h't' "v'k' " { l'grf' "y' cu' "u'k'i' "j' v' "o' q't'g' "k'p' "V4' " \*w'p'v't'g'c'v'g'f' +0'Qntc' "r' t'q'f' w'e'v'k'k'v' { "y' j' l'ej' "y' cu' "c'ee'g'u'g'f' "w'uk'p'i' "e'q'u'v'c'p'f' "t'g'w't'p' "c'p'c'ni' "u'k'i' "y' cu' "r' "t'q'h'k'c'd'ng' "x'g'p'w't'g' "y' k'j' "c' "o' c't'i' "k'p' "q'h' "c'd'q'w' "v'j' t'g'g' "v'j' q'w'uc'p'f' "u'g'x'g'p' "j' w'p'f' t'g'f' "c'p'f' "h'k'v' { "p'c't'k' " \*%5972+0'K' "u' "u'c'h'g' "v'q' "e'q'p'e'n'f' "g' "v'j' c'v' "e'q'p'v't'q'ni'k'p'i' "q'f' q'w' "k'p' "r' q'w'mt' { "j' q'w'ug'u' "k'u' "c'p' "g'e'q' / "h'k'g'p'f' "n' "r' t'c'v'k'eg' "y'j' "r' t'q'o' q'v'g'u' "i' t'g'g'p' "g'e'q'p'q'o' { . "j' cu' "p'q' "p'g'i' c'v'k'g' "g'h'g'ev'q'p' "Qntc' "r' t'q'f' w'e'v'k'p'0'

**Keywords:** "Qntc. "r' q'w'mt' { "o' cpwt'g. "i' t'q'y' v'j' . " { l'grf' ""

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### POSTGRADUATE STUDENTS' PERSPECTIVE ON CURRICULUM INNOVATION IN PHYSICS FOR SUSTAINABLE DEVELOPMENT

<sup>3</sup>Anwo Abdulmalik Olayinka

*Rj {ukeu"Gf wecvkqp"Frctwo gpv."Uej qnqihUekgpeg"Gf wecvkqp." " Hgf gtcnEqngi g"qh"Gf wecvkqp"Vgej pkecn"Dkej k"Mcpg"Ucvg."Pki gtkeO'*

#### ABSTRACT

Vj g'cf xcpego gpv'kp'uekgpeg'cpf "vgej pqmi { "j cu'dtqwi j v'cdqwf hgt gpv'kppqxcvkqp'kp"gxgt { "ur j gtg"qh" j wo cp"rhgO'Vj ku"ecmgf "hqt"r j { uleu"ewttlewnwo "kppqxcvkqp"kp"qtf gt "vq"cnk p"kv"y kj "vj g"gxgt "f { pco le" uqelgv{O'Vj ku"uwf { "vj gt ght g"s wcpvskvkgf "gzt nqt gu"r quvi tcf wcvg"uwf gpw)"r gtegr vkqp"qp"ewttlewnwo " kppqxcvkqp'kp't j { uleu'hqt "uwuclpcdnf" f gxgnr o gpvOC'lwtxg{ "qh"422'r quvi tcf wcvg'r j { uleu'uwf gpw'cetquu" xctkvw"wpkxgtukgu"kp" My ctc"ucvg."P ki gt k"y cu"eqpf wevgf O'Vj g"uwtxg{ "gxcnvcgf "vj g"r quvi tcf wcvg" uwf gpw)"xlgv u"qp"vj g"kvgi tcvkqp"qh"uwuclpcdnf" "eqpegr u"kvq"vj g"r j { uleu"ewttlewnwo ."vj g"ng{ " ej cmgpi gu"cpf "qr r qt wplkgu"kp"kvgi tcvkpi "uwuclpcdnf" "eqpegr u"kvq"r j { uleu"ewttlewnwo "cpf "ko r cev" qh"kvgi tcvkqp"qh"uwuclpcdnf" "eqpegr u"kvq"r j { uleu"ewttlewnwo "qp"uwf gpw)"wpf gtucpf kpi "qh"r j { uleu" eqpegr u"cpf "vj gk"cdkvw{ "vq"cr r n"vj go O'Vj g"hpf kpi u"kpf lecvf "utqpi "uwr r qt v"co qpi "r quvi tcf wcvg" uwf gpw)"hqt "kpeqtr qtcvki "uwuclpcdnf" "kvq"vj g"r j { uleu"ewttlewnwo ."dgnkxkpi "kv"y qwf "gpj cpeg"vj gk" wpf gtucpf kpi "qh"vj g"uwdlgev"cpf "r tgr ctg"vj go "hqt"tgn'y qtrf "ej cmgpi gu"O' Cf f kkpccm{ ."vj gtg"y cu"pq" uki pkkcpvf hgt gpeg'kp"vj g'o cng"cpf "hgo cng"r gtegr vkqp"cpf "xlgv u"qp"ewttlewnwo "kppqxcvkqp'kp"r j { uleu" hqt "uwuclpcdnf" f gxgnr o gpvO'Vj g't guwu"uwi i guv"vj cv"kvgi tcvkpi "uwuclpcdnf" f gxgnr o gpv'kvq"r j { uleu" gf wecvkqp"ecp"huvg"t" c"i gpgtcvkqp"qh"uekgpvku"gs vkr gf "vq"vcemg"i mdcn'ej cmgpi gu"O' Tgeqo o gpf cvkqp" kpenf g"hw"vj gt "ewttlewnwo "w'f cvgu"vq"gpw"t"uwuclpcdnf{ ."cu"y gni"cu"tcklpi "hqt"r j { uleu"gf wecvqtu"vq" ghgevkgn{ "vgej "vj gug"eqpegr uO'

**Keywords:** " Rj { uleu" ewttlewnwo " kppqxcvkqp." Uwuclpcdnf" f gxgnr o gpv." Rquvi tcf wcvg" uwf gpw)" r gtur gevkgu."Gf wecvkqpcn'tghqto "

"  
"

ABSTRACT BOOK



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### STUDY OF THE OF "KINETICS PRODUCTION OF BIOACTIVES COMPOUNDS BY AN ACTINOBACTERIA STRAIN ISOLATED FROM AN ALGERIAN SAHARAN SOIL

Fedwa BEGHDAI\* 1 and El-Hadj DRICHEI

Ncdqt cvqt { "qhlO qrgewct 'Dkqrqi { .I gpqo keu'cpf 'Dkqkphqt o cvkeu'NDOI D+ 'Hcewn { "qhlP cvwt cn' Uekpegu'cpf "

Nkg "UPX+ "J cuukdc 'Dgpdqwrk' Wpkxgt ukx { "qhlEj ngh "J c { "Ucrgo . '24222 'Ej ngh "Cni gkco "

#### ABSTRACT

Htqo "c"o gvedqne "r qkpv"qh"xkgy . "Cevkpdcevgtk"ctg"cu'uko wcvkpi "hgrf"qh'tgugctej "cpf"qhhgt "r qvqpvkn" hqt"eqo o gtekrk cvkqp"qh'vj g"o gvedqkngu"r tqf wegf O'Ku"gp| { o gu'uwej "cu'co { rucg."rk"cu'g"cpf"egmrcug" r r { "c"o clqt "tqng"lp"lpf wutkn'ugevqtu"uwej "cu'hqqf "r tqegukpi . "hgt o gpvcvkqp."vgz vkgu"cpf "r cr gt O'Uqo g" qh'vj gug"gp| { o gu'ctg"gxgp"vugf "cu'vj gtr gwle"ci gpw"ci clpu'ecpegt."r ct vkwctn { "lp"vj g"v'gcv o gpv"qh" rgnwo k O' Cevkpdcevgtk"ctg"cu'q"vughwi"lp"ecpegt"v'gcv o gpv."dkqt go gf kvkqp."cpf"vj g"r tqf wevkqp"qh" xcncdng"cpvdkkqveu"uwej "cu'p'qxdkqekp."co r j qvgtkelp."xcpeqo { elp."gve O'Hkpcmf . "vj g { "ctg"vugf "cu'r rpv" i tqy vj "r tqo qvgtu."hqt"dkqmi kecn'eqpvtqn"cu'dkqekf gu."cpvkwpi cu."cpvkdqeqttqkqp"cpf "cu"cu'uwteq"qh" ci tlewmctn'cevkxg"eqo r qwpf uO'

\*\*\*\*\*Vj g"nkp'gveu"qh'i tqy vj . "r J "cpf"r tqf wevkqp"qh'r rpv'r cvj qi gp"o qrgewgu"r tqf wegf "d { "c"utckp"qh" cevkpgo { egvg"SI J 3: \$kuqrvf "Htqo "cp"Cni gkcp"Uc j ctep"uqkly cu'uwf kcf "d { "vukpi "vy q'ewmwtg"o gf kc" KUR4. [ I DO'

Vj ku'uwf { "ku'ecttkgf "qwy kj "vj g'cko "qh'f gvt o klpki "vj g'dgu'ewmwtg"o gf kwo "hqt"qr vko cn'r tqf wevkqp"qh" cpvko letqdkn'cevkxk { . "cu'y gni"cu'vj g"qr vko cn'f c { "hqt"vj g"o czko wo "r tqf wevkqp"qh"cevkxg"uwduvpegu" r tqf wegf "d { "vj g'cevkpdcevgtk"utckpO'

Cnid'cevj "rks wkf"ewmwtgu'ctg'ecttkgf "qwkp"722"cpf"472"o N'Gtrgo g { gt "hrcum"eqpvckkpi "322"o N'qh'vj g" vgu'v' o gf kwo "y kj "c"r J "qh'9050'k'pewdcvkqp"ku'ecttkgf "qwc'v'52'E'Awf gt "r gt o cp'gpv'utktpi "cv'472"tr o "kp" c"uj cngtO'

\*\*\*\*\*Vj g't guwmu"qh'cpvdkkqve"r tqf wevkqp"nkp'gveu"ctg"i gpgtcm { "dgwgt"qp"rks wkf"o gf kc"vj cp"uqkrf"o gf kc" y kj "xgt { "j ki j "k'j kdkkqp"cevkxkkuO' Vj gug"t guwmu"ctg"kp"ci tgggo gpv'y kj "vj qug"qdvckpgf "d { "ugxgtcn' t'gugctej gtu'y qtnkpi "qp"utgr vqo { egvgu (Driche et al., 2015; Toumatia et al., 2015)."

Vj gug"xctkcvkpu"lp"t guwmu"ecp"dg"gzr rckpgf "d { "vj g'hcev"vj cv"cu"Utgr vqo { egu'dcevgtkwo "ecp"r tqf weg" ugxgtcn' v { r gu"qh' cpvko letqdkn' o qrgewgu." vj g" pcwtg"qh" y j lej "f gr gpf u"qp" vj g"eqo r qukqkp"cpf" eqpepvtcvkqp"qh'vj g"eqo r qppw"qh'vj g"r tqf wevkqp"o gf kwo "Dqwi j cej lej g"gv'cnf"4227+0'k'p'ggf . "vj g" i gpw"Utgr vqo { egu"ku'npqy p"v"dg"vj g"r tqf weg"qh'vj g"rti guv'pwo dgt "qh'cpvdkkqveu."ceeqwvki "hqt" : 2' "qh'vj g'cpvdkkqveu"ugt gvgf "d { "cevkpdcevgtk"(Berdy, 2005).

**Keywords:** "Cevkpdcevgtk." "Dkqcevkxg"eqo r qwpf u."nkp'gveuO'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ISOLATION, CHARACTERIZATION AND IDENTIFICATION OF FUNGI ASSOCIATED WITH THE SPOILAGE OF CORN FROM SELECTED MARKETS IN MAKURDI, BENUE STATE

*Babatunde Taofeek Olayinka, Dr. Agada E, Taofeek Babatunde Olayinka*

*Lqurj "Ucty wcp"Vctne"Wpkxgt ukf."O cmwf k"Dgpwg"Ucvg."Pki gk0'*

#### ABSTRACT

Eqtp"gc"o c{u+ku"e"egt gcn'i tqy p"d{ "hcto gtu"lp"xctkqu"r ctu"qh'vj g'y qtrf "gur gelcmf "lp"Chlec0'ku" ur qkci g"eqwf "rko k'ku"cxckcdkxk\ "vq"eqpuwo gtu'vj gtd{ "ecwulpi "geppqo le"y cuv'vq'vj g'hcto gtu'Vj ku" uwf { 'y cu'eqpf wevgf "vq'f gvgto kpg'vj g'hwi k'cuuqekvdf 'y kj 'eqtp'ur qkci g'lp'O cmwf k'O gvtqr qru0'Ur qkx' eqtp"uco r ngu"y g"eqmgevgf "tcpf qo n{ "ht qo "P qt vj "dcpm"Y cf cvc." "Hkf k"V{qm{c."cpf "Mcpuj kq"lp" O cmwf k'O gvtqr qru."Dgpwg"Ucvg0'Ucpcf ctf "o letqdkqni kcn'o gvj qf "y cu"vugf "vq"kf gpvkh{ "vj g'hwi k' r t gupv"lp" vj g"eqtp"uco r ngu"0'Vj g'hwi cni' gpgtc"kuqvdf "kpenf g"Cur gti kmu"urr." Rgpkekko "urr." Hwctko "urr."cpf { gcu0"Vj g"o qu'r t gxcrgpv' qti cpluo "y cu" Hwctko "urr"\*72" + hqny gf "d{ Cur gti kmu"urr"\*390 2" +cpf "Rgpkekko "urr"\*390 2" -0Hwi k'eqmp{ "eqwp'lp'vj ku'uwf { "tapi g'ht qo " 3043z"324"EHWi "6"30; "z"324"EHWi "y kj "V{qm{c"j cxkpi "vj g'j ki j g'v'eqmp{ "eqwpu0Hwi k'ur qkci g" ecp"tgpf gt"eqtp"wp' crvcdrg"cpf "wpuchg"ht "j wo cp"eqpuwo r vkp0'Rtqr gt"uqtci g"o gvj qf "ku"vj g'ghqt g" pgeguct { "lp'r t gugt xkpi "vj gug'i tckpu"ci ckpu'hwi k'phge vkp0'

**KEYWORDS** <Hwi k'ej ctcevgt k'vkp. "kuqvdu." \ gc"o c{u0"

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#### SHORT REVIEW"ON OSTEOPOROSIS"

"

*Dhineshabu.B\*<sup>1</sup>, Kalaivanan\*<sup>2</sup>, Dr.R.Srinivasan\*<sup>3</sup>*

*Hcewn{ "ql'rj cto ce{ .Dj ctcvj "kpnkwwg"qlhj ki j gt "gf wecvkqp"cpf "t guctej "*

"

#### ABSTRACT"

Quvgqr qtquku"ku" c "ungrvcrn f kuqt f gt "ej ctcevt k{ gf "d { "f getgcugf "dqp g" f gpuk{ "cpf "ut gpi vj . "rgcf lpi "vq" cp " kpet gcugf "tkun'qh" hcewt gu'k'ku" r tko ct k{ "c" eqpf kkp" qh'ci lpi . "y kj "r quvo gpqr cwucn'y qo gp" cpf "qrf gt " cf wmu" dglpi "r ct vewrtn{ "xwrgtcdng" f wg"vq" j qto qpcn'ej cpi gu. "r ct vewrtn{ "vj g'tgf wecvkqp" k{ g'utqi gp" k{ y qo gp" cpf "vguqvgt qpg" k{ o gp' Vj g" eqpf kkp" qh'vq" f gxgr u" ukpvn{ . "y kj "u{ o r vqo u" dgeqo lpi " gxkf gpv'qpn{ "chgt" c "hcewt g" qeewt u' T kun' hcevt u' hq" quvgqr qtquku" kpn' g' i gpv'ku. "hgv{ rg" hcevt u' uvej " cu" ngy "r j { ulecn' cevkv{ . "r qqt "pwt kkp" r ct vewrtn{ "ny "ecrkw "cpf "xkco k{ F "kvcng" uo qnki . "cpf " gzeguixg" creqj qn' eqpuwo r vqp' F kci pquku" ku" v' r lecn{ "o cf g" vj tqwi j "dqp g" o kpgtcrn' f gpuk{ "DO F + " vguvki . "cpf " o cpci go gpv' kpxqkgu" c" eqo dkc vqp" qh' hgv{ rg" o qf hcevt ku. "f kvct { " kpvgt xgpv'ku. " y gli j vdgct lpi "gzgtekugu. "cpf "r j cto ceqmi lecn' v' gvo gpv' uvej "cu" dkur j qur j qpcvgu. "f gpquwo cd. "qt " j qto qpg' tgr mego gpv' vj gter { O' Gctn{ "f gvge vqp" cpf "kpvgt xgpv'ku" ct g' et k' lecn' hq' r t' gxgpv'ki "hcewt gu" cpf " ko r tqxkpi "vj g' s wcrk{ "qh' rkg' hq' kpf kxf wcn' chgevgf "d { "quvgqr qtquku"

**KEYWORDS:** " quvgqr qtquku. " dqp g" f gpuk{ . " hcewt gu. " ungrvcrn' f kuqt f gt. " dqp g" o kpgtcrn' f gpuk{ . " r quvo gpqr cwucn' ci lpi . " tkun' hcevt u. " ecrkw . " xkco k{ F . " hgv{ rg" hcevt u. " r j { ulecn' cevkv{ . " r j cto ceqmi lecn' v' gvo gpv' u. " dkur j qur j qpcvgu. " f gpquwo cd. " j qto qpg' tgr mego gpv' vj gter { O'

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ROLE OF WOMEN AND YOUTH IN PROFESSIONAL EDUCATION

*Mamatkulova Gulnigorbonu*

*O ciwgtu'lawf gpv'qhlEj ke ej km'Ucvg'Rgf ci qi kecn'Wpkxgtukf. 'Icewn' qhlr gf ci qi kecn'Ej ke ej km'  
W/dgnkwp0'*

#### ABSTRACT

Vj g'tqrg'qh'y qo gp'cpf "{ qwj "kp"r tqhguukqpcn'gf wecvkqp"ku'kpet gculpi n' t'geqi pk gf "cu'c'etwekcn'hevt'ht" geqpqo le"cpf "uqelcn'f gxgnr o gp'0'Vj ku'ct'veng"gzr nqt gu"j qy "vj g'cevkg"r ct'vlekr cvkqp"qh'y qo gp'cpf "{ qwj "eqpvtkdwgu'vq"cfkxgtukhgf. "kppqxcvkg"cpf "unknf"y qtnhqtg0'K'gzco kpgu'vj g'wplswg'ej cngpi gu' hceg"d{ "vj gug'i tqw u'kp'ceeguukpi "cpf "dgpghkpi "ht qo "r tqhguukqpcn'gf wecvkqp. "kpenf kpi "kuwgu't grv'gf "vq"i gpf gt"uvgt gqv'r gu. "uqelq/geqpqo le"dctt'gtu. "cpf"rko kvgf "ceegu"vq"o gpvqtuj kr "qr r qt wplkku'0'Vj g' ct'veng"cnq"j ki j rki j u'uweeguuhw'r qn'ekgu'cpf "utcvgi kgu'vj cv'uw r qt v'vj g'kpenukqp"qh'y qo gp'cpf "{ qwj "kp"r tqhguukqpcn'gf wecvkqp. "uwej "cu'uej qn'tuj kr "r tqi tco u."o gpvqtuj kr "pgvy qtmu. "cpf"i gpf gt/ugpukkg" ewttlewno u'0'D{ "cpcn' | kpi "i nqdcn'ecug"uwf kgu'cpf "t'gegpv't gpf u. "vj ku'uwf { "go r j cuk gu'vj g'pggf "ht "c" o qt g'kpenukkg'cr r tqcej "vq"r tqhguukqpcn'gf wecvkqp"vj cv't'geqi pk gu'vj g'xcnwg"qh'f kxgtug'r gtur gevkgu'kp" etgcvki "c't'guk'kpv'cpf "f { pco le'y qtnhqtg0'Vj g'kpf kpi u'w'pf gtueqt g'vj cv'go r qy gt kpi "y qo gp'cpf "{ qwj "kp"r tqhguukqpcn'gf wecvkqp"pqv'qpn' "gpj cpegu'r gt uqpcn'i tqy vj "cpf "ectggt"qr r qt wplkku'dw'cnq'r n' { u'c' xkcn'tqrg'kp'cej kxkpi "gs wkcdng'cpf "uwv'kpcdng'geqpqo le'r tqi tgu'0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### COMPARATIVE STUDY OF PHYSICO-CHEMICAL, MICROBIAL AND HEAVY METAL ANALYSIS OF BOREHOLE WATER AND SACHET WATER IN BATAGARAWA LOCAL GOVERNMENT AREA, KATSINA

*Haruna Abbas Adamu and Zainab Ahmad Muhammad*

*Wo ctw'O muc [ ct )cf we "Wp,xgtu,vf . 'Mcvu,pc0Hcewn{ "QHPCwmt cniCpf "Crrn,gf "Ue,gpegu" F grctwo gpv'QH' Rwt g'Cpf "Kpf wmt ,cniEj go ,ut { "*

#### ABSTRACT

Y cvgt "ku"cp"lpf kur gpucdnr"tckp"o cvgtkcnrhqt"e"o wnkswf g"qh"qo guke"cpf "kpf wmtkcnr wtr qug0Y cvgt "ku"vj g" o quv"cdwfp cpv'o cvgtkcn "ku"ej ger "r tqf wekqp"y kj "rguu"vj cp"722r r o "ko r wtkkgu"y km'dg"o qt g"ko r qt wcpv" vq"vj g"y qtrf "vj cp"cvqo le" gpgti { . "cu"y g"cm"mpqy "k"vqf c { 0Vj tgg"uco r ngu"qh"dqj "ucej gv"y cvgt "cpf" dqtgj qrg"y cvgt"y gt g"eqmgevff "Hqo "Dcwi ctcy c"mecn"i qxgt po gpv'ncwukpc"ucvgo'Vj g"uco r ngu"y gt g" cpcn { gf " hqt" r j { ukeqej go kecn" cpf" cpko letqdkcn" cpcn { uku' Vj g" r j { ukeqej go kecn" cpcn { uku" y gt g" f gvt o kpgf "wukpi "ucpf ctf "r tqegf wt gu"cpf "gs wkr o gpv'uwej "cu"vktko gtle"o gvj qf "cpf" "CCU"o cej kpg" y j kg"vj g"Cpko letqdkcn"cpn { uku"y cu'Ectt lgf "qwy kj "vj g"ck"qh'o letqueqr g0Vj g"Y O Q"tgeqo o gpf gf " ucpr ctf u"uj qy u"vj cv'cm"vj g"uco r ngu"ctg"qf qwt rguu"cpf "eqmwt rguu0Dqt gj qrg"y cvgt "ku"90"kp"r J . "y j kg" ucej gv"y cvgt "j cu"cm"y gt "xcnw"qh"80/0Cekf kv { "kp"ucej gv"y cvgt "j cu"b"o gcp"xcnw"qh"72o i ln"y j kg"dqtgj qrg" y cvgt "j cu"76o i ln0Vqvcn"uqrf u"qh"dqtgj qrg"y cvgt "ku"j ki j gt "y kj "c"o gcp"xcnw"qh"370o i ln"y j kg"ucej gv" y cvgt "j cu"70o i ln0Cmckpkv { "ku"j ki j gt "kp"dqtgj qrg"y cvgt "y kj "c"o gcp"xcnw"qh"387."y j kg"ucej gv"y cvgt " j cu"cm"y gt "xcnw"qh"3350Uwur gpf gf "uqrf u"kp"dqtgj qrg"y cvgt "ku"3024o i ln"y j lej "ku"j ki j gt "vj cp"ucej gv" y cvgt "y j lej "j cu"2084o i ln0Ngc f "xcnw"qh"dqtgj qrg"y cvgt "ku"209o i ln"y j kg"ucej gv"y cvgt "j cu"xcnw"qh" 3023"o i ln0Kqp"xcnw"qh"dqtgj qrg"y cvgt "ku"3042o i ln"y j kg"ucej gv"y cvgt "ku"m"y gt "y kj "c"xcnw"qh"3084o i ln" t gur gevkgm 0'Vj g"r j { ukeqej go kecn"cpn { uku"uj qy gf "vj cv'o quv"qh"vj g"r ctco gvtu"y gt g"y kj kp"vj g"rko kv" tgeqo o gpf gf "d { "Y O Q"gzegr v"ht "rgcf "y kj "j ki j gt "eqpegpvcwqp"qh"dqj "ucej gv"cpf "dqtgj qrg"y cvgt." hqt"o letqdkcn"vj g't guwnu"lpf lecvg"vj cv'dqj "uco r ngu"j cxg"rcti gt "r tqr qt wqp"qh'dcewtkc"cpf "hwpi k"Vq"vj ku" ghhev."T gi wmt"o qpkktpi "uj qwf "dg"fpqg"v"uwi i guv"e"r quukdn"y c { "hqt"vj g't go qxcn"qh"j gcx { o gvcn"cpf" f klphevkqp"qh"y cvgt "uco r ngu"kp"vj g"uwf { "ctgc0

**Keywords:** Rj { ukeqej go kecn"o letqdkcn"j gcx { "o gvcn"dqtgj qrg"y cvgt "cpf "ucej gv"y cvgt0"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE IMPACT OF SOCIO-ECONOMIC FACTORS ON THE DESIGN OF TOURISM COMPLEXES (A CASE STUDY OF THE NAVOI REGION)

Sharipova Yulduzxon Olim qizi

f qevqt cni'uwf gpv'qh'Uco ctncpf 'hxcvg'wpkxgt ukx' qh'ctej kgewt g'cpf "eqpwt wevkqp

#### ABSTRACT

Vj ku'ct'veng'gzco kpgu'vj g'kphwpege'qh'uqekq/geqpqo le'hcevqtu'lp'vj g'f'guki p'qh'vqwt'kuo "eqo r ngz gu'lp'vj g' P cxqk'tgi kqp'cpf "vj g'r qvqpv'kcn'eqpvt'kdwkqpu'cpf "qr r qt wpkxkgu"vj gug'hcevqtu'qh'ht "hqt "vj g'uweegu'qh' vqwt'kuo "kph'cut wewt'g'Vj g'P cxqk'tgi kqp."y kj "ku'tlej "pcwtcn'cpf "ewnwtcn'j g'kci g."ku'qpg'qh'vj g'ct'gcu" y kj "uwducpv'kcn' vqwt'kuo " r qvqpv'kcn' Vj g' ct'veng' g'zr nqt'gu" m'ecn' geqpqo le" ecr cdk'kkgu." yj g' ucv'g' qh' kph'cut wewt'g." eqo o wpk'f " pggf u." ewnwtcn' j g'kci g' r t'gug'xcv'kqp." cpf " gp'xk'qpo gpv'cn' uwu'ckp'cd'k'k'v'f." kf gpv'kh'kpi "y c'f'u'v'q'uweegu'uhwm' f'gxgnr "vqwt'kuo "eqo r ngz gu'lp'vj g't'gi kqp'0'

F tcy kpi "qp"t'gegpv'i m'ecn' g'zr g't'k'p'egu." yj g' ct'veng' go r j'cu'k' gu'vj g' p'ge'gu'k'f "qh'eqp'uk'f g't'kpi "vqwt'kuo" ewt'gpv' cpf " h'w'w'g' p'ggf u'0' Vj gug' p'ggf u' k'pen'f'g' geq'ht'k'p'f'n' "uq'nw'k'qpu." r g'tu'q'p'c'ri'k'f' g' " g'zr g't'k'p'egu." qr r qt wpk'k'gu'v'q'eq'ug'n'f' "gpi ci g'y kj "m'ecn'le'w'w'g'cpf "t'c'f'k'k'qpu."cpf "ur g'ek'c'ri'k'f' g'f' "y g'np'g'u'cpf "t'g'z'c'v'k'q'p" h'ek'k'k'gu'0'Vj g'uw'f'f' "k'p'x'g'u'ki c'v'gu'vj g'r q'u'k'k'k'k'gu'ht'ko r ng'o gpv'kpi "j ki j /s'w'c'ri'k'f' "u'g't'x'le'gu'cpf "k'p'p'q'x'c'v'k'g' c'r r t'q'c'ej gu'd'cu'g'f' "qp'k'p'v'g't'p'c'v'k'q'p'c'n'g'zr g't'k'p'egu'lp'vj g'v'qwt'kuo "ugevqt'0'

Vj g' c'p'c'n'f' uku' j ki j r ki j vu' yj cv' uwr r qt'v'kpi " yj g' m'ecn' geqpqo { " cpf " go r n'q'f'o gpv' ng'x'gu." h'q'ew'k'pi " qp" geq'm'i k'ec'n'uw'w'ck'p'cd'k'k'v'f'." h'w'w'f' "o g'g'v'kpi "v'qwt'kuo'f' go c'p'f'u."cpf "c'f'q'r'v'kpi "uq'nw'k'qpu'vj cv'o g'g'v'k'p'v'g't'p'c'v'k'q'p'c'n' uw'p'f'c't'f'u' ct'g' gu'g'p'v'kcn' k'p' f'guki p'kpi " vqwt'kuo " eqo r ngz gu'0' Vj g' ct'veng' eq'pen'f'gu' y kj " r t'ce'v'le'cn' t'ge'q'o o g'p'f'c'v'k'q'pu'ht'ko r t'q'x'k'pi "vqwt'kuo "k'p'ht'cut wewt'g'lp'vj g'P cxqk'tgi kqp."et'g'c'v'kpi "p'gy "go r n'q'f'o gpv' qr r qt wpk'k'gu'ht' "t'g'uk'f' g'p'u."gp'j c'p'ek'pi " yj g'ct'g'c'u'v'qwt'kuo "c'r r gen'cpf "k'p'eq't'r'q't'c'v'k'pi "k'p'v'g't'p'c'v'k'q'p'c'n'd'g'u'v' r t'ce'v'le'gu'0'c'f'f'k'k'q'p'c'm'f'." yj g'ct'veng'r t'q'x'k'f'gu'c'p'k'p'f'g'r' yj "f'k'ue'w'w'k'q'p'qp'vj g'u'q'ek'q/geqpqo le"uki p'k'k'ec'p'eg' qh'f'guki p'kpi "vqwt'kuo "eqo r ngz gu'lp'vj g'P cxqk'tgi kqp'cpf "qr r qt wpk'k'gu'ht'uw'w'ck'p'cd'ng'f'gxgnr o gpv'0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SPECIFIC ASPECTS OF THE FORMATION OF STUDENT PROFESSIONAL MOTIVATION

*Usarov Jabbor Eshbekovich*

*Rt qhguuqt "qh'v g'Ej kt ej knUcv'g'Rgf ci qi kecn'Wpkxgt ukv'. 'Ic ewm' qh'r gf ci qi kecn' "Ej kt ej kn'W' d'gnkucp" j wru-1lqt ekf Qti 1222; /2226/785: /67: 3"*

*Meyliyeva Mutabar Sayfullayevna*

*Vgcej gt "qh'v g'Ej kt ej knUcv'g'Rgf ci qi kecn'Wpkxgt ukv'. 'Ic ewm' qh'r gf ci qi kecn' "Ej kt ej kn'W' d'gnkucp" j wru-1lqt ekf Qti 1222; /2224/5655/8: : Z"*

#### ABSTRACT

Vj ku'ctv'eng'vcml'cdqw'v'j g'r tqeguu'qh'lpf kxf wcn'gf wecv'kqp. "qpg'qh'v'j g'f kvkpev'kg'o cpl'gucv'kqpu'qh'c" pgy "err tqcej 'cpf'uv'p'f'ctf'u'v'j cv'ugt'x'g'v'q'ht'o 'v'j g'r gtu'qpcrk'v' "qh'c'o qf'gt'p'uwf'gpv'lp'QVO u'0'k'f'k'k'f'wcn'gf wecv'kqp'ku'c'eqo r qpgpv'qh'uqel'cm' "qt'k'p'v'g'f'gf wecv'kqp. "cpf'v'j g'f'ce'v'v'j cv'cp'lpf kxf wcn'cr r tqcej 'ku'cp'lpv'gi tcn'r ctv'qh'v'j g'r gf ci qi kecn'r tqeguu. "k'j'gr u'v'q'lp'x'q'rk'g'cm'ej k'f't'gp'lp'ce'v'x'g'rd'qt'v'q'o cu'v'gt'v'j g'r tqi tco "o cv'gt'ken't'g'h'g'ev'k'qpu'y'gt'g'o cf'g'qp'v'j g'f'ce'v'v'j cv'v'j g'lpf kxf wcn'cr r tqcej "r tqx'kf'gu'ht'v'j g'qti cp'k'cv'k'p'qh'gf wecv'k'qpcn'r tqi tco u'lp'ce'eq't'f'c'p'eg'y'kj'v'j g'r t'k'p'ek'rgu'qh'v'g'cej'k'pi' "cpf'wr dt'k'pi'k'pi. "wcn'k'pi' "lp'v'q'ce'eq'wp'v'v'j g'ko r qt'w'p'v'r gf ci qi kecn'ko r qt'w'p'eg'lp'cm'x'cr'qtu'qh'gf wecv'k'qpcn'r tqegu'gu. "v'j g'v'f'r qm'i kecn'ej ct'ce'v'gt'k'v'ke. "v'go r g'tco'gpv'cpf'ej ct'ce'v'gt. "cd'k'k'v' "cpf' "k'p'ek'p'cv'k'qpu. "o q'v'k'cv'k'p. "lp'v'gt'gu'v' "cpf' "cnu'q'v'j g't'ej ct'ce'v'gt'k'v'ke'lp'j g't'gp'v'lp'v'j g'lpf kxf wcn'lp'gf wecv'k'qpcn'r tqej 'ku'c'f'ce'v'v'j cv'gp'uw'gu'v'j g'ng'ct'p'k'pi' "qh'v'j g'ng'ct'p'g't'p' "cm'it'gur'ge'u'cpf' "ku'r gf ci qi kecn'lp'h'w'p'eg. "cpf' "r tqx'kf'gu'v'j g'ng'ct'p'g't'y'kj' "ug'h'cy'ct'gp'gu. "erc't'k'k'ev'k'qpcn'r'qh'lpf kxf wcn'qt'k'p'v'k'qpcn'r. "o q'v'k'cv'k'p'qh'ng'cf'k'pi' "gf wecv'k'qpcn'ce'v'k'k'v'ku. "cu'gu'guo'gpv'qh'v'j g'k'q'y'p'ecr'cd'k'k'v'ku. "uc'v'k'cv'k'qpcn'r'qh'gf wecv'k'qpcn'p'gg'f'u. "lp'r t'ce'v'g. "k'v'ugt'x'gu'v'q'cej'k'x'g'g'h'g'ev'k'g't'gu'wu'it'qo "q'v'j g't'ng'cf'k'pi' "gf wecv'k'qpcn'v'g'ej'p'q'm'i'k'gu'lp'v'j g'ht'o cv'k'p'cpf' "un'k'v'f'g'x'g'nr'o'gpv'qh'v' un'k'v'u'we'j'cu'q'x'g't'eqo'k'pi' "o'gp'v'cn'uw'ht'k'pi' "ec'w'ug'f'd' "lp'v'gt'p'cn'le'q'p'h'k'v'u'0"

[ c'0'0'v'j g'y'j q'ng'r tqeguu'qh'v'g'cej'k'pi' "cpf't'ck'k'pi' "ej k'f't'gp'lp'v'j g't'w'rgu'qh'v'j g'r gf ci qi kecn'u'v'go "qh' M'qo'gpun'f. "v'j g't'w'uk'p'v'g'cej'gt' M'F'0'W'j'k'p'un'f'f'g'x'g'nr'gf' "c'y'k'f'g'v'v'f'ng'q'h'o'g'y'qf'u'q'h'lpf kxf wcn'cr r tqcej "v'q'ej k'f't'gp. "v'j g'd'c'v'keu'qh'r t'g'x'gp'v'k'g'y'q't'm'q'p'v'j g'f'g'x'g'nr'o'gpv'qh'i'q'q'f'j'cd'ku. "G'P'0'v'j g'f'ce'v'v'j cv'X'q'f'q'x'q'q'x'c'v'j'q'y'gf'v'j g'p'gg'f'ht'gf wecv'q'tu'v'q'hp'q'y' "g'z'ce'v'f' "y'j cv'lp'q't'f'gt'v'q'd'g'c'd'ng'v'q'eqo r t'g'j'gp'uk'g'n'f'c'p'cn'f'g'v'j g'ej k'f'u'd'g'j'c'x'k'q't. "c'0'0'0'c'nc'et'gp'n'q' "t'g'x'g'c'rg'f' "v'j g'ko r qt'w'p'eg'qh'v'j g'r t'k'p'ek'rg'qh'lpf kxf wcn'cr r tqcej "v'q'ej k'f't'gp'lp'u'q'rk'k'pi' "c'p'wo' d'gt'qh'r gf ci qi kecn'r tq'd'rg'o'u. "ht' "g'z'co r ng. "lp'v'j g'q'ti cp'k'cv'k'p'cpf' "wr dt'k'pi'k'pi' "qh'c'ej k'f't'gp'u'v'g'co. "lp'v'j g'gf wecv'k'qpcn'r'qh'ej k'f't'gp'd' "N'cd'qt. "lp'v'j g'i'co'g'o'

C'p'k'p'f'k'k'f'wcn'cr r tqcej 'ku'v'j g'p'gg'f'ht'uw'f'gp'v'v'q'q'ti'cp'k'g'ct'q'wp'f' "q'p'g'i'q'cn'lp'v'j g'ht'o cv'k'p'qh'r'q'v'k'k'g' "r'q'v'k'k'g' "o q'v'k'gu'ht' "ej q'q'ul'pi' "c" r tq'g'u'k'q'p. "cu" y'g'm'i'cu' "h'co'k'k' "cpf' "u'ej'q'qn" p'g'k'j' d'q't'j'q'q'f' "cpf' "Eqo'o'w'p'k'v'f. "O'g'f'k' "cpf' "q'v'j g't'ut'w'ew't'gu'cu'c'j'q'rk'v'ke'u'v'go. "cpf' "y'kj' "v'j g'ko r ngo'gp'v'k'q'p'qh'r t'ce'v'kecn'cpf' "r u'f'ej'q'm'i'kecn'v'g'ej'p'q'm'i'k'gu'lp'v'j g'r tq'eguu'qh'r tq'g'u'k'q'pcn'r'q't'k'p'v'k'q'p. "k'v'ku'go r j'cu'k'gf' "v'j cv'k'ku'ko r qt'w'p'v'q'et'g'cv'c' "f'k't'ge'v'u'q'el'cn'r u'f'ej'q'm'i'kecn'ug'v'k'pi' "ht' "cp'lp'f'k'k'f'wcn'v'q' "t'g'cn'k'g'j'ku' r tq'g'u'k'q'pcn'r k'f'gp'v'k'v' "cpf' "f'g'v'gt'o'k'p'g'c' "r tq'g'u'k'q'pcn'r'g'tur'ge'v'k'g'r'nc'p'o'

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III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

THE IMPROTANCE OF FEMALE LEADERSHIP IN EDUCATION AND ITS DEVELOPMENT

Khimmataliyev Dustnazar Omonovich

F qevqt "qh'Rgf ci qi kecn'luekgpegu. 'rt qlguuqt. 'Ej kt ej kn'Ucvg'Rgf ci qi kecn'Wpkxgt ukx. 'Hcewnx' qh' r gf ci qi {.'Ej kt ej kn'W/dgnkxcp"

QTEK 'KF <j wr uAlqt ekf Qti I222;/2228/4848/5567"

Qorayev Samariddin Barakayevich

F qevqt "qh'Rgf ci qi kecn'luekgpeg. 'rt qlguuqt. 'Ej kt ej kn'Ucvg'Rgf ci qi kecn'Wpkxgt ukx. 'Hcewnx' qh' r gf ci qi {.'Ej kt ej kn'W/dgnkxcp"

QTEK 'KF <j wr uAlqt ekf Qti I2222/2224/488:/945Z"

Gopporova Odinoxon

4pf/{gct "O cuvgt )u'uwf gpv. 'Ej kt ej kn'Ucvg'Rgf ci qi kecn'Wpkxgt ukx. 'Hcewnx' qh'r gf ci qi {.'Ej kt ej kn' W/dgnkxcp"

QTEK 'KF <j wr uAlqt ekf Qti I222;/2223/9993/: 393"

ABSTRACT

Vj ku'ct vleg" gzi nqt gu'vj g'uki plhlecprvtqng" qh' hgo crg'ngcf gtuj kr "kp"gf wecvkqp" cpf "ku"r qukxg"ko r cev'qp" uej qqm"cpf "wpkxgtukgu'K'j ki j rki j w'j qy "y qo gp'ngcf gtu'dt kpi "go r cvj {.'kpenwuxkx{.'cpf "c" hqewu"qp" uwf gpv'y gmdgkpi . 'hquvgt kpi "gpxktqpo gpv'vj cv'gpeqwtci g'uwf gpv'o qvxcvqp"cpf "uweegu0Y qo gp"kp" ngcf gtuj kr "cnuq'r tqo qvg'kppqxcvqp"cpf "eqmcdqtcvqp"kp'vj g'eruutqo . 'o cnkpi "gf wecvkqp"o qt g'f {pc0 le" cpf " kpenwuxg'0 J qy gxgt." vj g' ct vleg" f kieuuugu" vj g' ej cmgpi gu" y qo gp" hceg." kpenw' kpi " uqelgvn' gzi gevkvkpu." dcrpeki "hco kn' "tgur qpuklkxku." cpf "qxgteqo kpi "i gpf gt "uvgt gqv' r gu'0Vq" uwr r qt v'o qt g' y qo gp"kp"ngcf gtuj kr "tqgu." vj g'ct vleg" qh'gtu'ugxgcn'tgeqo o gpf cvkqpu'0Vj gug" kpenw' g"ko r ngo gpv'kpi " utqpi gt "i gpf gt "gs wrkv{ "r qitelgu." r tqxkf kpi "ngcf gtuj kr "vtclpki "cpf "o gpvqtuj kr . "r tqo qvki "y qtnrkhg" dcrpeg" vj tqvi j " hrgzkdng" uej gf wrgu" cpf " r ctgpcn' uwr r qtv." tckulpi " cy ctgpguu" vq" ej cmgpi g" i gpf gt " uvgt gqv' r gu." qh'gt kpi " hkpceker' uwr r qt v' hq" y qo gp" kp" gf wecvkqp." cpf " vtcentpi " r tqi tguu" vq" gpuwt g" kpkxkvxgu'ct g'gh'gevxg'0D{ "vknkpi "vj gug"uvgr u." gf wecvkqpcn'kpukswkqpu"ecp"go r qy gt "y qo gp"vq"ngcf . " gpj cpeki "f kxgtukv{ "cpf "etgcvkpi "hct gt." o qt g'kpenwuxg"gf wecvkqpcn'gpxktqpo gpv'hq'cn'0Vj g'tlug"qh" y qo gpv'u'ngcf gtuj kr "kp"gf wecvkqp"r r {u'c"et weker'ntqng"kp"ko r tqxkpi "vj g's wrkv{ "qh'vgej kpi . "kvtqf wekpi " kppqxcvkg"cr r tqcej gu." cpf "uwr r qt v'kpi "r gtuppcn'f gxgnr o gpv'0Uc'vkvkcn'f cv'uj qy u'vj cv'vj g'pwo dgt"qh" y qo gp" kpxqkxgf "kp" gf wecvkqp" ku'ugcf kn' "kpet gcukpi ." y j lej "ku" qh' uki plhlecpr' ko r qt v'peg"ht qo "vj g" r gtur gevkg"qh' uqelcn'cpf "geqqo le" f gxgnr o gpv'cpf "i gpf gt "gs wrkv{ 0Y qo gp"ngcf gtu"kp"gf wecvkqp" etgcv'cp'kpenwuxg'cpf "o qvxcvki "gpxktqpo gpv'vj cv'gptlej gu'vj g'ngctkpi "r tqegu'hq'uwf gpv'0

Key words<Hgo crg'ngcf gtuj kr . 'gf wecvkqp. "i gpf gt "gewrkv{ . 'ngcf gtuj kr "f gxgnr o gpv'

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ABSTRACT BOOK



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EMOTIONAL STATES IN EARLY ADOLESCENCE PSYCHOLOGICAL FACTORS INFLUENCING THE MANIFESTATIONS

Gayupova Saodat Xamidovna

*F qevqt qh'ij g'Ej kt ej kn'Ucv'g'Rgf ci qi kecn'Wpkxgt uk'f. 'Ic ewn' qh'r gf ci qi kecn' "Ej kt ej kn'W' dgnkucp" j wru<llqtekf Qti D22; /2223/4583/2432"*

Meyliyeva Mutabar Sayfullayevna

*Vgcej gt "qh'ij g'Ej kt ej kn'Ucv'g'Rgf ci qi kecn'Wpkxgt uk'f. 'Ic ewn' qh'r gf ci qi kecn' "Ej kt ej kn'W' dgnkucp" j wru<llqtekf Qti D22; /2224/5655/8; : Z"*

#### ABSTRACT

Gpuwtkpi "ij cv'ij g'f qwpi gt 'i gpgtcvkqp'i tqy u'wr "vq'dg'eqo r tgj gpukxgn' "o cwt g. 'gf wecv'gf. 'j ki j n' 'ur k'kwcn' j cto qpkqwu. 'r cv'kq'le' 'lpf k'kf wcn'cu'ij g'o qu'ko r qt v'p'v'k'p'v'ij g'gpqto qwu'etgc'v'x'g'y qtm'lectt'kgf "qww' qp'ij g'r cv'ij "qh'ij g'fco kn' "cpf "gf wecv'k'p'cni'lpuk'x'w'k'p'u'0""Ceeqtf kpi "vq'qwt "g'uv'go gf "j gcf "qh'uv'g. "ij g' i tgc'v'U'c'j kdn'k'cp'Co k' "Vgo w' y cu'k'pur k'gf "d' { "ij g'kf gc'qh'qwt' i t'cp'f'hc'v'j gt <ö'Ng'v'w'w'ke'g'd'g'qwt'eqo r c'p'k'qp' cpf' r tqi t'co "k'p'c'm'o' c'w'gt'w'f'g'gr "y q'f' u'ij cv'ij q'w'f "d'geqo g'rh'g'd'g'k'gh'u'ht' "gcej "qh'wu'0"

"Vqf c { . "ö'qwt'ej k'f' t'gp'ij q'w'f "d'g'ut'qpi gt. "o qt g'gf wecv'gf. 'y k'ug' "cp'f. "qh'eqwt'ug. "j cr r k'gt "ij cp'wu'V'j g'rh'g' xqec'v'k'p'qh'gcej "qh'wu. "ij g'r ct'gp'wu. "j cu'vc'ng'p'c' "k'k'o' "r r'ceg'k'p'ij g'o k'p'f' u'cp'f' "j g'ct'v' "qh'ij g'i g'p'g'c'ni'r w'd'ie'0" C' "i tgc'v'r r'ceg'ku' i k'x'p'v'q'ij g'uw'f { "qh'ij g'rh'g'cp'f' "y q'tm'q'h'ij g' i tgc'v't'gr t'g'ug'p'v'x'g'u'qh'qwt' r'g'qr'ng. "y j q' j c'x'g'ug't'x'gf "cu'cp'gz'co r ng'ht' { "q'w'pi "r g'qr'ng' "u'k'peg'c'p'ek'gp'v'k'o' gu. "cp'f' "ij g'w'r dt'k'pi k'pi "qh'ij g' { "q'w'pi gt' i g'p'g'c'v'k'p' "k'p'ij g'ur k'k'v'q'h'ko k'c'v'k'p'0'Ng'v'ij ku'd'g'c' "t'q'ng' o q'f' g'ri'ht' { "q'w'pi "r g'qr'ng' "k'p'c' "dt'q'cf'gt' "ug'p'ug'0"

Dw'k'p'q't'f'gt' "vq' "h'qto w'rc'v'ij ku'gz'co r ng'eq'tt'ge'v'f. "k'y kn'd'g'p'ge'gu'ct' { "vq'uw'f { "ij g' "h'g'c'w't'gu'qh'ij g'r t'g' p'c'w't'c'n' r'g't'k'f. "k'p' r'ct'v'ew'r'c't' "g'c't'n' { "cf'q'ng'ue'g'peg. "k'p' "eq'p'p'ge'v'k'p' "y k'ij "o q'f'gt'p' "t'g'c'ri'k'g'u' "cp'f' "p'c'v'k'p'c'ni' v't'cf' k'k'q'pu'cp'f' "k'f' g'p'v'k' { "cr r t'qr' t'k'v'g' "u'q'ek'q' r u'ej q'ng'i kecn'cp'f' "r'gf'ci'qi'kecn'o' g'c'uw't'gu'0"

""""Ceeqtf kpi "vq'ij g'ng'cf'gt' "qh'qwt' "eq'w'p't' { . { "q'w'j "o w'w'c'ny' c { "u'd'g'cv'ij g' "h'q't'g'ht'q'p'v'q'h'd'w'k'f' k'pi "c'P'gy " W' d'gn'k'uc'p'0'V'j g'p'c'v'k'p' "ku'et'g'c'v'k'pi "dt'q'cf' "qr' r'qt'w'p'k'g'u' "vq't'c'k'ug' { "q'w'pi "r g'qr'ng' "y j q'ij k'p'm'k'p'p'q'x'c'v'x'g'gn' . " h'g'gn' { "gz'r' t'gu'ij g'k' "qr' k'p'k'q'pu' "q'p'ew't'g'p'v'g'x'g'p'wu. "g'pi'ci'g' "k'p'et'g'c'v'k'g'cp'f' "et'k'k'ec'v'ij k'p'k'pi . "cp'f' "o c'w'gt' "ij g' c't'v'q'h'eqo o w'p'lec'v'k'p'0"

""""Vj g't'g'ht'g. "y g'eq'pen'w'f'gf "ij cv'uw'f { k'pi "ij g'r u'ej q'ng'i kecn'hc'ev'qt'u' "k'p'h'w'g'p'ek'pi "ij g'o c'p'k'g'uc'v'k'p' "qh' go q'v'k'p'c'ni'uv'c'gu'k'p' "cf'q'ng'ue'g'p'wu'ku'q'p'g'q'h'ij g'r t'gu'k'pi "ku'w'gu'qh'v'q'f'c' { 0"

""""K'ku'y g'm'p'q'y p'ij cv'c'r' g'tu'q'p'ej c'pi gu'cp'f' "f'g'x'g'ng'r u'ij t'q'wi j q'w'v'ij g'k' "rh'g'0'J q'y g'x'g't. "ij g'r g't'k'f' u'q'h' ej k'f'j q'q'f. "g'c't'n' { "cf'q'ng'ue'g'peg. "cp'f' "cf'q'ng'ue'g'peg'ct'g'ej'ct'ce'v'gt'k'gf' "d' { "r'ct'v'ew'r'c't'n' "k'p'v'p'ug' "i tqy v'j 0"

""""F'v't'k'pi "ij g'ug' { g'c't'u. "c'ej k'f' "w'p'f'g'ti'q'gu' "r'j { "u'ec'ni'cp'f' "o g'p'w'c'ni'f' g'x'g'ng'r o g'p'v. "h'qto k'pi "cu'c' "r' g'tu'q'p'c'ri'k'f' 0' R'w'r' q'ug'h'w'v'r' dt'k'pi k'pi "ij cv'k'p'h'w'g'pegu'ij g'ej k'f' "u'ej'ct'ce'v'gt' "j g'r u'ij go "d'geqo g'c' "o go d'gt' "qh' "u'q'ek'g'v'f. " g'p'c'd'k'pi "ij go "vq'vc'ng'c'y' q't'v'j { "r' r'ceg'k'p'ij g'eqo o w'p'k'v' "ij t'q'wi j "eqo r ng'z' "u'q'ek'c'ni't'g'r'v'k'p'uj k'r u'0"

""""Vj ku' "ct'v'eng' "r t'g'ug'p'wu' "t'g'h'ng'ev'k'p'pu' "cp'f' "qr' k'p'k'q'pu' "qp' "ij g' r u'ej q'ng'i kecn' hc'ev'qt'u' "k'p'h'w'g'p'ek'pi "ij g' o c'p'k'g'uc'v'k'p' "qh'ö'Go q'v'k'p'c'ni'uv'c'gu.ö' "u'ew'j "cu'ij g'fco kn' "g'p'x'k't'q'po g'p'v. "h'k'g'p'f' u'cp'f' "u'q'ek'c'ni'uw't'q'w'p'f' k'pi u. " u'g'h'cy' ct'g'p'gu'cp'f' "eqo r ct'k'q'p. "j q'to q'p'c'ni'ej c'pi gu. "ce'cf' go k'e' "cej k'g'x'go g'p'wu'cp'f' "f' go cp'f' u. "cu'y g'm'cu' f' k'h'le'w'w'k'g'u'cu'q'ek'v'gf "y k'ij "ij g'lo r c'ev'q'h'v'ge'j p'q'ng'i { 0"

**Key word:** go q'v'k'p'c'ni' uv'c'gu. "u'g'h'eq'p'v'q'n' "g'c't'n' { "cf'q'ng'ue'g'peg. "p'g't'x'q'wu' u'f'uv'go. "r u'ej q'ng'i kecn' ej ct'ce'v'gt'k'v'leu. "ko r w'w'k'x'g

"

III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH  
CONFERENCE

PROBLEMS OF TRUST AND INSECURITY IN PSYCHOLOGY

"

<sup>1</sup>Usarov Jabbor Eshbekovich

*F qewqt "qhlRgf ci qi kecn'uekgpegu. 'rt qhguaqt. 'Ej kt ej km'Uxcvg'Rgf ci qi kecn'Wpkxgt uks'. 'r ewn' 'qhl' r gf ci qi kecn 'Ej kt ej km'W/dgnkacp"*

<sup>2</sup>Buriyeva Kibrio Ergashevna

*Vgcej gt "qhl'j g'Ej kt ej km'Uxcvg'Rgf ci qi kecn'Wpkxgt uks'. 'r ewn' 'qhl' r gf ci qi kecn "Ej kt ej km'W/dgnkacp"*  
*QTEK' 'K' < j wr u-Adq ekf Qti 1222; /2229/5; 64/3672*

"

ABSTRACT

Vj g'ct veng'f guetkdu'vj g'r tqdrigo u'qh't wuv'cpf "ugrh/f qwdv'kp" r ufej qmji {00 gvj qf u'uwej "cu'qdugt xc'vqp" y gt g'wugf "y kj 'vj g'j gr "qhl'j ku'o gvj qf. 'vj g'f ckn' "cevkxkkgu'qhl'j g'lwdlgeu'ct g'lu' ugo c'kecm' 'o qpkqgt gf. " cu'y gni'cu'vj g'Rgt uqpcrk' "S wgvkqppck g'o gvj qf <uqekq/r ufej qmji kecn's wgvkqppck g'f gxgnr gf "d { "X00' Upgi gtqxc" cpf "P 0 (Mco kqxc) u'o qf k'kecvkqp. "vj g'vgej plskwg" qh'ugrh/eqphkf gpeg. "c"vgej plskwg" cko gf "cv' uww { kpi 'vj g'cvkwwf g'qhl'c' r gt uqp "vq" j ko ugrh0'

Vj g'f c'v "eqmgevgf "qp"vj g'dcuku'qhl'j g'uwf kgf "f c'v" cpf "vj g't guwmu" qh'j g'eqpf wevgf "tgugctej "ugt xg"vq" gptkej "vj g'vj gqt g'kecn'kphqt o cvkqp" qh'j g'f k'ekr rkpgu'qhl'i gpgtcn'r ufej qmji { . "uqekn'r ufej qmji { . "ci g'cpf" gf wecvkqpcn'r ufej qmji { . "r gt uqpcrk' r ufej qmji { . "cpf "cf qmgegpv'r ufej qmji { 0'

Vj g'f gxgnr o gpv'qhl'ugrh/eqphkf gpeg'kp" c'v'ggpci gt u'r gt uqpcrk' "ecp'dg'cuuqekv'gf "y kj 'vj g'lu' ugo "qhl'ugrh/ tgr'v'kpu"kp"vj go. "cu'y gni'cu'y kj 'vj g'p'cwt g'qhl' r gt uqpcrk' "uqekn'k' cvkqp0Cnuq. "vj g'cvkxg'r gpgt cvkqp" qh' c'v'ggpci g'r gt uqpcrk' "kp"vq"vj g'rkbg" qh'uqekv'gf "ecp'dg'ej ctcevgt k' gf "d { "vj g'eqpv'gpv' qh'ugrh/eqphkf gpeg"kp" vj go 0'

**Key words:** "t wuv. 'ugrh/f qwdv. 'r gt uqpcrk'. 'ugrh/eqphkf gpeg. 'uqekn'k' cvkqp0'

"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### HOW PRODUCT AND SERVICE QUALITY SHAPE BANK REPUTATION

*Dr. Ishwar Mittal (Co-Author)<sup>1</sup>*

*Ciukncpv'Rt qlguuqt. 'KO UCT. 'Ocj ctuj k'F c{cpcpf 'Wpkxgt ukx}. 'Tqj wml'*

*Dr. Aarti (Co-Author)<sup>2</sup>*

*Ciukncpv'Rt qlguuqt. 'KO UCT. 'Ocj ctuj k'F c{cpcpf 'Wpkxgt ukx}. 'Tqj wml'*

*Dr. Rosy Dhall (Co-Author)<sup>3</sup>*

*Ciukncpv'Rt qlguuqt. 'I cpfj kpci ct 'Wpkxgt ukx}. 'I wltcv'*

*Mikul (Co-Author)<sup>4</sup>*

*Tgugctej 'Uej qrcr. 'KO UCT. 'Ocj ctuj k'F c{cpcpf 'Wpkxgt ukx}. 'Tqj wml'*

#### ABSTRACT

F gur kg'i tqy kpi "tgugctej "k"ugtxleg"o cpci go gpv."hgy "uwf kgu"r tqxkf g"cp"kvgi tcvgf "ltco gy qtn'hqt" ugtxleg"cpf "r tqf wev's wcrkv{."gur gekm{"y kj "gxkf gpeg"ltqo "eqwpt kgu"rkng"Kpf kc0'Vj ku"j cu"tguwngf "k" rko kgf "kpuki j w"kvq"vj g"fkht gpegu"dgvy ggp"vj gug"vy q"fk ko gpukqpu."vj gk"cpvgegf gpw."cpf"vj gk"wpks wg" ghgeu"qp"r gthto cpeg"k"ugtxleg"kp wut kgu'0Hkpf kpi u"ltqo "f gxgnqr gf "eqwpt kgu"o c{"pqv"dg"fk geu{" cr r rlecdr0'Vj ku"uwf {"hqwugu"qp"fk kpi wkuj kpi "dgvy ggp"ugtxleg"cpf "r tqf wev's wcrkv{."vj gk"wpks wg" cpvgegf gpw."cpf"vj g"ko r qt wpeg"qh"r qukkxg"dcprn'tgr wcvkp"kp"vj g"Kpf kcp"eqpvzv."wukpi "utwewt cn' gs wcvkp"o qf gnu'f gxgnqr gf "y kj "CO QU'

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WOMEN'S POLITICAL PARTICIPATION IN INDIA

Maryam hassan

O ciwgt u'lawf gpv'qhf gr ct vo gpv'qhl'y qo gpau'lawf kgu'
Cj mwldc { v'lpvgt pVlqpcn'Wpkxgt ukx' qh'lvj t cp'k cp+'

ABSTRACT

Kpf kc."c" xldtcpv' f go qetce{ ."j cu"y kpguugf "uki phlecpv" utkf gu"kp"y qo gpau" go r qy gto gpv"kp" tgegpv'
f gecf gu'J qy gxgt." f gur kg"vj gug"cf xcpago gpv."y qo gpau" r qrklecni' r ct vlekr cvkqp" eqvlpwgu" vq" dg" c"
eqo r ngz"cpf" o wkhcegvf "kuuwg'O'Y j kg"vj g'pevqp"j cu"r tqf wegf "kphwgpv'kcn'l'ngo crg"ngcf gtu'rkng"Kpf kc"
I cpf j k'vj g'qxgtcni't gr t gugpvcvqp"qh'y qo gp"kp" r qrklecni'ur j gt gu't go ckpu't gr'v'xgn' "ny 0'
Ugxgtcni' hcevqtu" j cxg" j kvqtkecm{ "j kpf gt gf " y qo gpau" r qrklecni' r ct vlekr cvkqp" kp" Kpf kc' F ggr /tqqvgf "
r cvkctej cni'pqto u."uqekgvcni' g'zr gev'v'kpu."cpf "geqpqo le" f kur ct'k'kgu"j cxg" rko kgf "y qo gpau" cee'guu" vq"
r qrklecni'ur cegu'cpf "f gekukqp/o cni'pi "r tqeguugu'0Cf f k'k'qpcni' .kuuwgu'uwej "cu'i gpf gt/dcugf 'xkqngpeg.'h'eni'
qh'gf wecvkqp."cpf "rko kgf "r qrklecni'cy ctgp'guu"j cxg" hwt vj gt "o cti kpcrk gf "y qo gp"kp"vj g'r qrklecni'ct gpc'0'
P gxgt vj gruu."Kpf kc"j cu"vcngp"pqvcdng"uvgr u"vq"gpj cpeg"y qo gpau" r qrklecni' r ct vlekr cvkqp'0E qpuv'k'w'k'qpcni'
r tqxkukqpu."ngi kure'v'xg"t ghqt o u."cpf "ch'k' o cv'xg"cev'kqp"o gcuwt gu"j cxg"dggp"ko r ngo gpv'gf "vq" go r qy gt"
y qo gp"cpf "gpwt g'vj gkt "t gr t gugpvcvqp"kp" r qrk'leu'0'Vj g"t gugt xc'v'kqp"qh'ugc'u" hqt "y qo gp"kp" r qecni'ugri/
i qxgt po gpv'dqf kgu"j cu'dggp" c"uki phlecpv'o k'guv'qpg"kp"vj ku't gi ct f 0'
Vj ku" g'zr nqt cvkqp" f g'x'gu"kp'vq"vj g"pwcpegu"qh'y qo gpau" r qrklecni' r ct vlekr cvkqp"kp" Kpf kc."gzco k'k'pi "vj g"
ej cngpi gu."qr r qt w'p'k'kgu."cpf "r qv'gp'v'kcn'r cvj y c { u'hqt "hwt vj gt "r tqi t guu'0'D { "wpf gt u'v'p'f kpi "vj g"j kvqtkecn'
eqpv'gzv."eqpvgo r qtct { 'kuuwgu."cpf "h'w'w'g'r tqur gevu."y g'ecp"y qt n'v'qy ct f u'c'o qt g'k'p'en'w'k'xg"cpf "gs w'k'cdng"
r qrklecni'ur pf uecr g'kp"Kpf kc'0'

"
"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### PHYTOPLANKTON DIVERSITY AND WATER QUALITY ASSESSMENT OF YEROOR PANCHAYAT POND, KERALA, INDIA

Jensy Roshan F

*Cuukwcpv'Rt qhguuqt. 'F gr ctvo gpv'qhl\ qqraqi {.'UOLqj pau'E qmgi g. 'Cpej cn'Wpkxgt ukv\ 'qhhgt crc "*

#### ABSTRACT

Vj ku'uwf { "r tqxkf gu" c"eqo r tgj gpukxg" cpcn\ uku'qh'j g'r j { vqr rcpmqp" f kxgt ukv\ "kp"vj g"l gt qqt "Rcpej c { cv" Rqpf . "nqecvqf "kp" Mqmc " F kmtlev" Mgtcr. " Kpf k0' Vj g" lpxguki cvkqp" clo gf "vq" ecvcmi " r j { vqr rcpmqp" ur geku. "wvf gt uvcpf "vj g'kphwpeg" qh'gp xktpo gpvcnl'cevqtu'qp" eqo o wpkv\ 'eqo r qukkqp. "cpf "cuuguu" y cvgt " s wcrkv\ "vj tqwi j "dkmqi kecn\ kpf kecvtu'0' Vj g'uwf { "ctgc. "ej ctcevgt k gf "d { "uwdtqr kecn\ lenko cvg" cpf "ugcuqpcn' xctk'v'kpu. "qh'gt u'c" wpls wg'ht guj y cvgt "j cdkcv\ kphwpegf "d { "nqecnl'ci t kewnwt cn\ cpf "t get gc'v'kpcn\ ce'v'k'k'ku' Uco r ngu' y gt g'eqmgevqf "ht qo "vj tgg' ukgu' y kj kp'vj g'r qpf "wulpi "r rcpmqp" pgu' y kj "c" 322'0' o guj "uk' g" cpf " y gt g" cpcn\ | gf " o ketqueqr kecn\ " vq" kf gpv'kh\ " vj g" vczppqo k" eqo r qukkqp'0' Gpxktpo gpvcn' r ctco gvgtu. " kpenw\ kpi " vgo r gtcwt g. " pwt lgpv' r xgnu. " cpf " r J . " y gt g" cnq " o gcuwt gf " vq" cuuguu" vj gk " eqtt g'v'kqp" y kj " ur geku" f kmt kdwkqp'0'

C"vqcn\ qh'4: "r j { vqr rcpmqp" i gpgtc" y gt g" kf gpv'kh\ gf . "kpenw\ kpi " Cpnkmt qf guo wu. "Queknv'v'k'c. " Pk\ uej kc. " cpf " Gwi r gpc'0' Cni cn' eqo o wpk'ku' y gt g" f qo kpcvqf "d { "r qmwkqp/ vqrqt cpv' ur geku" uwej "cu" Pk\ uej kc" cpf " Queknv'v'k'c. " kpf kec'v'kpi " o qf gt cvg' y cvgt " s wcrkv\ 0' Vj g'uwf { "j ki j rki j w'vj g't qrg' qh'gp xktpo gpvcn\ ut guuqtu" kp" uj cr kpi " r j { vqr rcpmqp" eqo o wpkv\ " ut wewwt g. " y kj " ko r r'ec'v'k'pu" hqt " o cpci kpi " y cvgt " s wcrkv\ " cpf " gequ\ vgo " j gcnj " kp" uwdtqr kecn\ ht guj y cvgt " u\ vgo u'0'

**Keywords:** Rj { vqr rcpmqp" f kxgt ukv\ . " Ht guj y cvgt " gequ\ vgo . " Y cvgt " s wcrkv\ " cuuguu" gpv. " Gpxktpo gpvcn\ kpf kecvtu. " l gt qqt " r qpf "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### PHYTOCHEMICAL EXPLORATION OF *CHAMAEROPS HUMILIS*: INSIGHTS INTO BIOACTIVE COMPOUNDS

**Khadija BENAMAR**

*O ket qdken'Dkqvej pqrqi { "cpf 'Dkqevkxg'O qrgewgu'Ncdqt cvqt { . 'Uekpegu'cpf 'Vgej pqrqi kgu'Hcewnf. "*  
*Uf k'O qj co gf "Dgp"*

*Cdf grncj 'Wpkxgt ukf. 'R0Q0Dqz "4424. 'Ko qw| gt 'Tqcf. 'Hgl. 'O qt qeeq0'*  
*QTEKF "KF ç wru-Alqt ekf Qti I2222/2225/5543/9922"*

**Saad Ibsouda Koraichi**

*O ket qdken'Dkqvej pqrqi { "cpf 'Dkqevkxg'O qrgewgu'Ncdqt cvqt { . 'Uekpegu'cpf 'Vgej pqrqi kgu'Hcewnf. "*  
*Uf k'O qj co gf "Dgp"*

*Cdf grncj 'Wpkxgt ukf. 'R0Q0Dqz "4424. 'Ko qw| gt 'Tqcf. 'Hgl. 'O qt qeeq0'*  
*QTEKF "KF ç wru-Alqt ekf Qti I2222/2223/8542/95: 3"*

**Kawtar Fikri-Benbrahim**

*O ket qdken'Dkqvej pqrqi { "cpf 'Dkqevkxg'O qrgewgu'Ncdqt cvqt { . 'Uekpegu'cpf 'Vgej pqrqi kgu'Hcewnf. "*  
*Uf k'O qj co gf "Dgp"*

*Cdf grncj 'Wpkxgt ukf. 'R0Q0Dqz "4424. 'Ko qw| gt 'Tqcf. 'Hgl. 'O qt qeeq0'*  
*QTEKF "KF ç wru-Alqt ekf Qti I2222/2224/4; 45;/ 4; ; ; "*

#### ABSTRACT

*Ej co cgt qru'j wo kku. "eqo o qpn' "npqy p"cu'vj g'Gwtqr gcp'hcp'r cmo . 'ku'c'r rcpv'ur gelgu'qh'i tgy kpi 'kpvgt guv' f wg'vq'ku'f kxgtug'r j { vqej go lecn'eqo r qukkqp"cpf"r qvqpvkcn'rcr r necvkqpu"kp"dqvj "o gf lekpg"cpf "kpf wuw { 0' Vj ku"tgxky "hqewugu" qp" vj g" r j { vqej go kwt { "qh' E0'j wo kku. "go r j cuk kpi " vj g" dkqevkxg" eqo r qwpf u" kf gpvkhgf "kp"tgegpv'uwf lgu. "kpenmf kpi "hcxqppkf u. "r j gpqrk"cekf u. "vgr gpgu. "cpf "uvgt qn0'Vj gug"ej go lecn' eqpuvkxwgpw"j cxg"dgpp"rkpngf "vq" c"tcpi g"qh"dggphlecn'dkqrqi lecn'cevkkkku. "uwej "cu"cpvkz kf cpv. "cpvk/ kphro o cvqt { . "cpvk ket qdken"cpf "cpvk kcdgve" ghgewu'0'cf xcepgf "cpcn' v'lecn'vgej pls wgu. "uwej "cu"J ki j / Rgthqto cpeg'Nks wkf "Ej tqo cvqi tcr j { \*J RNE + "cpf "I cu'Ej tqo cvqi tcr j { /O cuu'Ur gestqo gt { \*I E/O Ut. " j cxg" r tqxgp" kpxcnvcdng" kp" kf gpvkh kpi " cpf " s wcpvkh kpi " vj gug" dkqevkxg" eqo r qwpf u' Vj g" t gugctej " kpf kecvgu'vj cv'vj g'r j { vqej go lecn' t qh'qh'E0'j wo kku'ecp'xct { "uki p'khecpv'nf "f gr gpf kpi "qp"gpvktqpo gpv'cn' hcevtu. "uwej "cu'i gqi tcr j le"necvkqp. "enlo cvg"eqpf kxqpu. "cpf "uqk'v' r g. "uwi i guv'kpi "vj cv'vj gug'hcevtu"o c { " kphwpeg"dqvj "vj g"s wcpvkf "cpf "f kxgtukf "qh'dkqevkxg"eqo r qwpf u'r t gugpv'kp" f k'htg gpv'r qr wcvkqpu'qh'vj g" r rcpv'0'*

*O qt gqxt. " vj gug" xctkcvkqpu" kp" ej go lecn' eqo r qukkqp" qr gp" vj g" f qqt" vq" g'zr nqt kpi " t gi kqp/ur gekh'e" cr r necvkqpu'qh'E0'j wo kku"kp"pcw'w'cn' t qf wv'f g'xgnqr o gp'0'Vj g'r qvqpvkcn'htq' vj gug'eqo r qwpf u'vq'dg'wugf " kp"vj g"etgcvkqp"qh'hwpv'kqpcn'hqf u. "pwtcegwlecu. "cpf "qy gt "xcnw/ cf f gf "r t qf wew"ku"uki p'khecpv'0'Vj ku" tgxky " j ki j rki j u" vj g" ko r qt vcepg" qh' hwt vj g" r j { vqej go lecn' uwf lgu" vq" dgwgt" wpf gtucpf " vj g" hwn' vj g' tcr gwle"r qvqpvkcn'qh'Ej co cgt qru'j wo kku"cpf "ku'tqrg'kp"uwv'kpcdng"ci t lewnwt g0*

**Keywords:** *'Ej co cgt qru'j wo kku. "r j { vqej go kwt { . "dkqevkxg"eqo r qwpf u. "geqrqi lecn'uuv'kpcdng"0'*  
"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE MODEL OF INNOVATION AND ENTREPRENEURSHIP IN TOURISM IN PHU YEN: DRIVERS, CHALLENGES, AND SUSTAINABLE DEVELOPMENT SOLUTIONS

"

*Le Duc Tam*

*O kgp'Vt wpi 'Wpkxgt ukaf' qh'Ekki'Gpi kpggt kpi . 'Xkgypco "*

*Dang Hoang Xuan Huy*

*Pj c'Vt cpi 'Wpkxgt ukaf' . 'Xkgypco "*

#### ABSTRACT

Vqwtluo "lp'Rj w[ gp"hcgu"cp"wti gpv'pggf "hqt "lppqxcvqp"cpf "gpvt gr t gpgwtuj kr "vq" gpcdrng"uwuclpcdrng" f gxgnr o gpv'co kf "kpetgculpi "eqo r gvklqp0'Vj ku"uwf { "clo u"vq"kf gpvkhf "vj g"ftkxgtu"cpf "dcttkgtu'y kj kp" Rj w[ gp)u"vqwtluo "gpvt gr t gpgwtuj kr "gpxkqpo gpv'cpf "vq"eqpust wev'c"vj ggt gvlecn'ob qf gn'vj cv'lw r qt v'u'hecn' gpvtr tkugu"kp" ghgevkxgnf "j ctpguukpi "vj g"tgi kqp)u" wps wg"vqwtluo "r qv'gpv'kr'0' Dcugf "qp"Uej wo r gvt au" vj ggt { "qh'lppqxcvqp"cpf "vj g"gpvt gr t gpgwtuj kr "gequ{uvg" "It co gy qtm"vj ku"uwf { "go r nq { u's wcpv'kcv'kxg" o gy qf u." ur gekh'ecm{ "c" o wnkxct'kvg" tgi tguukqp" o qf gn" cr r rkgf "vq" uwtxg{ "f cv" It qo " 372" vqwtluo " dwukpguugu'cpf "vqwtluo"lp'Rj w[ gp0'Vj g'hkpf kpi u'lpf lecv'vj cv'hecvqtu'uwej 'cu'ugt xkg's wcrkx{ .i qxgt po gpv' uwr r qt v."cpf "hecn'geqmi lecn'cpf "eww'w'cr'ej ctcevgt ku'ku'uki p'k'hecpv'nf "ko r cev"r ">"2027+"vj g"uweegu"qh' vqwtluo "gpvt gr t gpgwtuj kr "o qf gn'0'S wcrkcv'kxg" f cv" It qo "42"lp/f gr vj "lpvgt xkgy u'y kj "gzt gt u'cpf "hecn' gpvt gr t gpgwtu"t gxgn'ej cngpi gu. "kpenw' kpi "ecr kcr'neq'pust'ck'pw. "c"nen'qh'rupi /vgt o "r qrl' { "uwr r qt v."cpf " cp"lpeqo r ngv'tgi wcrvqt { "gpxkqpo gpv0'

Vj g" uwf { " r tqr qugu" r qrl' { " ko r r'ecv'kpu" uvej " cu" gpj cpeki " h'k'cpekn' uwr r qt v." f gxgnr kpi " v'k'qt gf " gpvt gr t gpgwtu'cr' r qrl'kgu" hqt " vqwtluo . " cpf " h'q'vgt kpi " lppqxcvqp" unkn' f gxgnr o gpv' r tqi tco u' hqt " hecn' gpvtr tkugu'0' Vj gug" h'k'pf kpi u" r tqxkf g" c" h'q'w'p'f'cv'kqp" hqt " r qrl' { o cngtu" cpf " hecn' vqwtluo " dwukpguugu" vq" guv'cd'kuj "c" uwuclpcdrng" gpvt gr t gpgwtuj kr "gequ{uvg" . "vj gt gd { 'cf xcpeki "vqwtluo " f gxgnr o gpv'lp'Rj w[ gp" cpf "kpetgculpi "vj g"tgi kqp)u'eqo r gvklxg'cf xcp'xi g0'

**Keywords:** "Rj w[ gp. "lppqxcvqp. "gpvt gr t gpgwtuj kr . "uwuclpcdrng" f gxgnr o gpv'

"

"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SWAD: GLOWWORM SWARM OPTIMIZATION-BASED MOTION PLANNING FOR INTERNET OF DRONE THINGS IN WINDY ENVIRONMENT

Arnab Hazra<sup>1,2</sup>, Debashis De<sup>2</sup>

<sup>3</sup>Fgrctw gpv'qhlEgo rrwgt "Uekpeg"cpf "Gpi kpggtkpi . Ft0Uwf j kt "Ej cpf tc "Umt "Kpukwag"qhlVgej pqrqi { " ( "Urqtu'Ego rrwgt. "762" F wo "F wo "Tqcf. "Mqmcx/922296. "Y D. "Kpf kc "

<sup>4</sup>Egptg"qhl'O qdkrg"enwfw "eqo rrwkpi . "Fgrctw gpv'qhlEgo rrwgt "Uekpeg"cpf "Gpi kpggtkpi . "Ocwrpc" Cdwt'Mcno "C/cf "Wpkxgtulw"qhlVgej pqrqi { . "Y gw'Dgpi cn "Pcf kc. "Y D. "Kpf kc "

#### ABSTRACT

O gvc/j gwtkwlk" cni qtkj o u" kpur kt gf " d { " pcwctn' r j gpqo gpc" tgej " vq" qr vko cni' uqnrwkpup" hqt" tgcnrkbg" r tqdrgo u'Uy cto " kpvgnki gpeg" cni qtkj o u" rknng" I nny y qto " Uy cto " Qr vko k cwkqp" " I UQ+" o ko leu" vj g" dgj cxkqt " qh" hnf kpi " i nny y qto u" vq" ecr wtg" vj g" r gcmi' qh' o wvko qf cni' hwpvkwpp' k' vj ku" y qt m" y g" j cxg" go r nq { gf " I UQ" hqt " ftqpg" o qvkwpp" r rppkpi " k' vj g" r t guppeg" qh' y kpf O'Y g" j cxg" eqpukf gt gf " c" uy cto " qh" eqppgevgf " ftqpgu" k' g' k' vgtpgv" qh' F tqpg" Vj kpi u" " KqF V+" cu" i nny y qto u" vq" cpenf | g" vj g" I UQ/ dcugf " r cvj " hqo " kpkcni' f gr nq { o gpv'vq" ku" r gcmi' r qukwpp' k' tgegpv' f c { u. " KqF V" ct g' wugf " k' xctkqwu" kpvgnki gpv'uo ct v' cr r rncvkwppu" kpenwf kpi " go gti gpe { " ugt xlegu. " ci tlewnwtg. " f grkxgt { . " y kf rkhg. " j gcnj ectg. " i gqi tcr j kcn' o cr r kpi . " ugewtkv { . " r j qvqi tcr j { " cpf " o cp { " o qt g' O' Dw" y kpf " ghgevu" eqpvkwpcmf { " f kuwtd" vj g" KqF V" vq" f gxlcvg" hqo " vj g" qtki kpcnr cvj " cpf " r rpppgf " r qukwppu' O' Hqt " vj ku" t gcuqp. " hpf kpi " vj g" r gcmi' r qukwppu" qt " vj g" kpvpgf gf " r qukwppu" ct g" uqo gvko gu' f k' hlewn" hqt " vj g" hnf kpi " f gxlcgu' O' J gt g. " y g" r tqr qugf " cp " KqF V" o qvkwpp" r rppkpi " o qf grvq" ecr wtg" vj g" qtki kpcnr gcmi' hqt " vj g" I UQ/ dcugf " qr vko k gf " r cvj " k' y kpf { " gpvkwppo gpv' o qvkwpp" r rppkpi 0

**Keywords:** I nny y qto " Uy cto " Qr vko k cwkqp. " k' vgtpgv" qh' F tqpg" Vj kpi u. " y kpf { " gpvkwppo gpv. " o qvkwpp" r rppkpi 0

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### A SYSTEMATIC REVIEW OF ETHNOBOTANICAL, PHYTOCHEMICAL, AND ETHNOPHARMACOLOGICAL STUDIES OF *URTICA SIMENSIS* (STINGING NETTLE)

A.Ashwini<sup>\*1</sup>, Hamshini Esha .E, Selve kumsr.V, venkateshwaran.S,Sheron Kevin.S,  
M.K.Vijayalakshmi, Dr.R.Srinivasan.

Hcewmf "qhrj cto cel". "Dj ctvj 'kpukwng'qhlj ki j gt "gf wecvkp'cpf 't gugctej 'kpfkc'Ej gppck"  
Hkpcn'f gct 'D.Rj tco '( 'Cuuqekcvg'r tqhguqtO'

#### ABSTRACT

Vtqr lecn "uwdtqr lecn"cpf "vgo r gtevg'tgi kqpu'y qtrf y kf g'ctg"j qo g'vq'vj g'76"i gpgtc"cpf "cr r tqzko cvgnf "4222"ur gelgu'vj cv'o cng"wr "vj g'Wtkecegcg"lco kn O'Vj g'y qtrf u'rti guv'i gpwu."Wtkec."qt "ukpi kpi "pgwng."ku'c'o go dgt "qh'vj ku'fco kn O'Ukpi kpi "pgwng."qt "Wtkec"uko gpuku."ku'c'f kqgekqwu."gt gev."vdpdtcepej gf "j gtdcn'pgwng'y kj "ukpi kpi "j cktu'qp'vj g'wvf gtu'kf g'qh'vj g'ngcxgu'cpf "wvf gt "vj g'lvgo uOC'xctkgv'f "qhr' ctu'qh'Wtkec"uko gpuku'ctg'wugf "kp'v'cf kqpcn'o gf kelpg'vq'ewt g'ckno gpwu'kpenvf kpi "cu'o crctk."i qpqtj qgc."f kcdgvgu."j gctv'f kugcug."cpf "i cwtku'Vj g'ngcxgu'qh'Wtkec"uko gpuku'eqpvc'p"y kf g'tcpi g'qh'cevxg"ugeqpf ct {"r j {vqej go lecn' gng go gpwu." uwej " cu" qzcrvg." vtr gpqkf u." r qn' r j gpqnu." uvgtqu." cmcrqkf u." vppkpu." hrcxppqkf u." cpf " vtr gpqkf uOC'pvkz'kf cpv." cpv' r qn' hgtcvxg." cpv'f kcdgve." ectf kqr tqvexg." cpv'wregt." cpv'cdcevg'lecn"cpf "cpv'kpi cr'ghgeu'ctg'co qpi "ku'o cp {"r j cto ceqmi lecn'ej ctcevg'ku'leu."ceeqt'f kpi "vq'xctkqwu"r wdrlecvkpu'O'k' "qtf gt "vq"i kxg"wr /vq'f cvg"lphqto cvkq'hq"hwvt g'tgugctej . "vj g'ewtgpv'tgxkgy "eqo r kgu" r wdrkuj gf " cpf " vpr wdrkuj gf " fcv" tgi ctf kpi " gj pqdqvcplecn" r j {vqej go lecn" gj pqr j cto ceqmi lecn"cpf "vzleqmi lecn'tgr qt u'qh'Wtkec"uko gpuku'O'

**Keywords:** "Vtqr lecn"wtkec."r j {vqej go knt {"r qn' r j gpqnectf kqr tqvexg.gj pqdqvcplecn'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ANALYSING SCRAP WASTE STREAMS IN ATTINGAL MUNICIPALITY AND CURRENT PRACTICES FOR EFFECTIVE RESOURCE RECOVERY

Rincy A, Dr. Anila George

UOLaj pat'E qngi g. 'Cpej cn'Mqncw '8; 3'528. 'Mgt crw. 'Kpf kc'

#### ABSTRACT

Ueter 'y cuvg\$ku'v'j g'vgt o 'wugf 'v'f guetkdg'cdcpf qpgf 'kgo u'v'j cv'ecp'htgs wgpw' 'dg'tge {engf 'qt 'wugf 'ci clk' g'xgp' 'v'j qwi j 'v'j g' { 'ctg' 'pq' 'npi gt 'xcnwdng' 'kp' 'v'j g'kt 'qt ki kpcn' uvcv'g' O' g'vnu' 'uwej 'cu' 'uvggn' 'eqr r gt.' 'cpf' 'cnwo kpkwo +. 'r' n'v'ku. 'r' cr gt. 'i' n'uu. 'cpf' 'grgext qpleu' 'ctg' 'gzco r' ngu' 'qh' 'eqo o' qp' 'ueter 'y cuvg' 'ecv'gi qt' 'kgu' 'Vj ku' 'n'lpf' 'qh' 'i' ct dci g' 'eqo gu' 'htqo' 'c' 'xct' 'kv' { 'qh' 'uqwt' 'egu.' 'uwej 'cu' 'j' 'qo' 'gu.' 'dw' 'k' 'p' 'gu' 'gu.' 'cpf' 'dw' 'k' 'f' 'k' 'pi' 'uk' 'gu' 'Ueter 'vt' 'cuj' 'o' 'wuv' 'dg' 'eqm' 'gev'f. 'uqt' 'v'f. 'r' 't' 'q' 'egu' 'ugf.' 'cpf' 't' 'ge' { 'engf' 'kp' 'q' 't' 'f' 'gt' 'v' 'q' 'dg' 'o' 'c' 'p' 'ci' 'g' 'f' 'gh' 'ge' 'v' 'x' 'gn' { 'O' 'w' 'ple' 'k' 'c' 'r' 'k' 'u' 'o' 'c' { 'eq' 'p' 'ug' 't' 'x' 'g' 'gp' 'gt' 'i' { 'ng' 'u' 'gp' 'v' 'j' 'g' 't' 'g' 'r' 'k' 'p' 'eg' 'q' 'p' 'r' 'cp' 'f' 'h' 'km.' 'cpf' 'r' 't' 'q' 'o' 'q' 'v' 'c' 'ekt' 'ew' 'ct' 'ge' 'qp' 'qo' { '/' 'pp' 'g' 'kp' 'y' 'j' 'lej' 't' 'gu' 'q' 'wt' 'egu' 'ct' 'g' 't' 'g' 'w' 'ug' 'f' 't' 'c' 'v' 'j' 'gt' 'v' 'j' 'cp' 'v' 'j' 't' 'q' 'y' 'p' 'cy' 'c' { 'd' { 'w' 't' 'p' 'k' 'pi' 'ueter 'i' 'ct' 'dci' 'g' 'k' 'p' 'v' 'q' 'w' 'ug' 'h' 'w' 'i' 'o' 'c' 'v' 'gt' 'k' 'nu' 'O' { 't' 'ge' { 'er' 'k' 'pi' 'cpf' 't' 'gu' 'q' 'wt' 'eg' 't' 'ge' 'x' 'gt' { 'u' 'w' 'u' 'c' 'k' 'p' 'cd' 'ng' 'ueter 'y' 'cu' 'vg' 'o' 'c' 'p' 'ci' 'go' 'gp' 'v' 'ge' 'j' 'p' 'k' 's' 'w' 'gu' 'p' 'q' 'v' 'q' 'pn' { 'eq' 'p' 't' 'k' 'd' 'w' 'g' 'v' 'q' 'j' 'g' 'r' 't' 'g' 'u' 'g' 't' 'x' 'c' 'v' 'k' 'p' 'q' 'h' 'p' 'c' 'w' 't' 'c' 'it' 'g' 'u' 'q' 'wt' 'egu' 'd' 'w' 'c' 'n' 'u' 'q' 'r' 'gp' 'w' 'r' 'd' 'w' 'k' 'p' 'gu' 'r' 't' 'q' 'ur' 'ge' 'w' 'o' "

Vt' 'g' 'p' 'f' 'u' 'k' 'p' 'e' 'q' 'p' 'u' 'o' 'r' 'w' 'k' 'p' 'c' 't' 'g' 'u' 'j' 'h' 'k' 'p' 'i' 'c' 'u' 'v' 'j' 'g' 'r' 'q' 'r' 'w' 'e' 'v' 'k' 'p' 'i' 't' 'q' 'y' 'u' 'O' 'V' 'j' 'g' 'g' 'p' 'x' 'k' 't' 'q' 'p' 'o' 'g' 'p' 'v' 'k' 'u' 'p' 'q' 'y' 'h' 'e' 'k' 'p' 'i' 'i' 't' 'e' 'x' 'g' 't' 'k' 'u' 'm' 'i' 'k' 'p' 'c' 'f' 'f' 'k' 'k' 'p' 'v' 'q' 'v' 'j' 'g' 'l' 'p' 'e' 't' 'g' 'c' 'u' 'g' 'k' 'p' 'h' 'k' 'k' 'p' 'i' 'O' 'k' 'p' 'c' 'r' 'r' 't' 'q' 'r' 't' 'k' 'v' 'j' 'c' 'p' 'f' 'r' 'k' 'p' 'i' 'q' 'h' 'ueter 'vt' 'cuj' 'ecp' 'j' 'cx' 'g' 'b' 'cl' 'q' 't' 'p' 'g' 'i' 'c' 'v' 'k' 'g' 'gh' 'ge' 'u' 'q' 'p' 'j' 'w' 'o' 'c' 'p' 'j' 'g' 'c' 'n'j' 'c' 'p' 'f' 'v' 'j' 'g' 'u' 'w' 't' 'q' 'w' 'p' 'f' 'k' 'p' 'i' 'u' 'O' 'V' 'j' 'g' 't' 'g' 'h' 'q' 't' 'g' 'k' 'k' 'u' 'g' 'u' 'g' 'p' 'v' 'k' 'e' 'n' 'v' 'j' 'c' 'v' 'k' 'p' 'f' 'k' 'k' 'f' 'w' 'e' 'n' 'i' 'c' 'p' 'f' 'q' 't' 'i' 'c' 'p' 'k' 'c' 'v' 'k' 'p' 'u' 'w' 'p' 'f' 'g' 't' 'u' 'c' 'p' 'f' 'v' 'j' 'g' 'u' 'k' 'i' 'p' 'h' 'k' 'e' 'c' 'p' 'e' 'g' 'q' 'h' 'o' 'c' 'p' 'ci' 'k' 'p' 'i' 'ueter 'i' 'ct' 'dci' 'g' 'O' 'V' 'j' 'g' 'o' 'c' 'l' 'q' 't' 'k' 'v' { 'q' 'h' 'v' 'j' 'g' 't' 'g' 'u' 'q' 'wt' 'egu' 'w' 'ug' 'f' 'h' 'q' 't' 'ueter 'ct' 'g' 'n'g' 'r' 'v' 'q' 'w' 'f' 'q' 'q' 't' 'u' 'c' 'p' 'f' 'w' 'p' 'r' 't' 'q' 'v' 'e' 'v' 'f. 'y' 'j' 'lej' 'c' 'm' 'q' 'y' 'u' 'o' 'c' 'p' { 'eq' 'p' 'w' 'o' 'k' 'p' 'c' 'p' 'w' 'v' 'q' 'u' 'g' 'g' 'r' 'k' 'p' 'O' 'C' 'w' 'k' 'p' 'i' 'c' 'i' 'O' 'w' 'ple' 'k' 'c' 'r' 'k' 'v' { 'o' 'c' 'p' 'ci' 'k' 'p' 'i' 'ueter 'i' 'ct' 'dci' 'g' 'k' 'u' 'c' 'p' 'g' 'u' 'g' 'p' 'v' 'k' 'e' 'n' 'e' 'q' 'o' 'r' 'q' 'p' 'g' 'p' 'v' 'q' 'h' 'v' 'j' 'g' 't' 'g' 'c' 'u' 'u' 'w' 'u' 'c' 'k' 'p' 'c' 'd' 'k' 'k' 'v' { 'k' 'p' 'k' 'e' 'v' 'k' 'g' 'u' 'O' 'V' 'j' 'g' 'e' 'q' 'm' 'g' 'e' 'v' 'k' 'p' 'i' . 'u' 'q' 't' 'v' 'k' 'p' i. 'c' 'p' 'f' 't' 'ge' { 'er' 'k' 'p' i' 'q' 'h' 'ueter 'o' 'c' 'v' 'gt' 'k' 'nu' 'u' 'w' 'e' 'j' 'cu' 'o' 'g' 'v' 'c' 'nu. 'r' 'n' 'v' 'ku. 'r' 'cr' 'gt. 'c' 'p' 'f' 'g' 'y' 'cu' 'vg' 'r' 't' 'q' 'f' 'w' 'e' 'g' 'f' 'd' { 'eq' 'o' 'g' 't' 'e' 'k' 'n' 'k' 'p' 'f' 'w' 'u' 't' 'k' 'n' 'c' 'p' 'f' 't' 'g' 'u' 'k' 'f' 'g' 'p' 'v' 'k' 'e' 'n' 'q' 'r' 'g' 't' 'c' 'v' 'k' 'p' 'u' 'r' 't' 'q' 'x' 'k' 'f' 'g' 'f' 'h' 'h' 'e' 'w' 'n' 'k' 'g' 'u' 'h' 'q' 't' 'v' 'j' 'g' 'o' 'w' 'ple' 'k' 'c' 'r' 'k' 'v' { 'O' "

- Vj ku'uwf { 'f' g'vgt o' k'p'g'v'j g'v'eter 'y' cu'vg' b' c'v'gt'k'c'nf' 'g'x'c'w'c'v'g'u'v'j g'p'q'v'c'd'ng'f' 'h'g'g'p'eg'u'k'p' 'k'p'w'g'p'eg' q'h'vt'cuj 'o' c'v'gt'k'c'nu'q'p' 'u'q'k'is' w'c'k'v' { 'O' "
- Qw'q'h'uz' 'c'w'j' q't'k' g'f' 'ueter 'uj' q'r' u'k'p' 'C'w'k'p' i' c'ri' b' w'ple'k' c'r'k'v' { 'k'p' 'M'g't' c'w. 'K'p'f' k'c' } u' 'V'k'x'c'p'f' t'w' o' 'f' k'w'k'ev' 'h'x'g' 'y' cu' 'e'j' q'ug'p' 'h'q't' 'v'j' g' 'u'w'f' { 'v'j' t'q'w'j' 'j' 'h'k'g'f' 't'g'ug't'ej' . 'h'q't' o' c'ri' 'c'p'f' 'k'p'h'q't' o' c'ri' 'eq'p'x'g't' u'c'v'k'p'p' . 'f'k'g'ev' 'q'd'ug't' x'c'v'k'p'p' . 'c'p'f' 's' w'g'u'k'q'p'p'c'k' g'u' 'y' g't' g'w'ug'f' 'h'q't' 'f' c'v' 'e'q'm'g'ev'k'p'p' " "
- C'w'k'p' i' c'ri' O' w'ple'k' c'r'k'v' { 'j' c'u' 'd'g'g'p' 'k'p'x'g'u'v'k' 'c'v'k'p' i' 'e'q' o' 'w'p'k'v' { 'd'c'ug'f' 'r' 't' 'q' 'l' 'g' 'e' 'w' 'c' 'p' 'f' 'e' 'q' 'm' 'd' 'q' 't' 'c' 'v' 'k' 'p' 'u' 'y' 'k' 'j' 'y' 'cu' 'vg' 'o' 'c' 'p' 'ci' 'go' 'g' 'p' 'v' 'h' 'k' 'o' 'u' 'v' 'q' 'g' 'p' 'j' 'c' 'p' 'e' 'g' 'v' 'j' 'g' 'g' 'h' 'g' 'e' 'v' 'k' 'g' 'p' 'g' 'u' 'u' 'q' 'h' 'ueter 'i' 'ct' 'dci' 'g' 'r' 't' 'q' 'e' 'g' 'u' 'k' 'p' i' 'k' 'p' 'q' 't' 'f' 'g' 't' 'v' 'q' 'c' 'f' 't' 'g' 'u' 'v'j' 'g' 'u'g' 'k' 'u' 'w' 'g' 'u' " "
- T'g'f' w'el'p' i' 'r'c'p'f' 'h'k'ni' 'vt' 'cuj' . 'g'p'eq'w'c' i' k'p' i' 't' 'ge' { 'er' 'k' 'p' i' . 'c' 'p' 'f' 'i' 'g' 'p' 'g' 't' 'c' 'v' 'k' 'p' i' 't' 'g' 'x' 'g' 'p' 'w' 'g' 'h' 't' 'q' o' 'y' 'cu' 'vg' 'o' 'c' 'v' 'gt' 'k' 'nu' 'c' 't' 'g' 'u' 'q' o' 'g' 'q' 'h' 'v' 'j' 'g' 'q' 'd' 'l' 'g' 'e' 'v' 'k' 'g' 'u' 'O' "

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ZAMINDARI RIGHTS IN AWADH DURING MUGHAL PERIOD

Mahenaz

Crki ctj "Owirko "Wpkxgt ukaf"

#### ABSTRACT

**Topic:** "Vj ku'r cr gt "cwgo r w"vq" f kweuu"vj g"l co kpf ct k'tki j w"lp" Cy cf j "f wt kpi "vj g" o gf kexcl'r gt kqf O" Cy cf j . "vj g" f qo kpcpeg"qh" c"ur gekhle" "ecuvq"qt "erap"qt "qxgt"tgi kqp"j cu" dggp"eqppgevgf "vq"Uwr gt kqt "rcpf" tki j wOvj gug'tki j w'b c { "j cxg"gz kvgf "dghqt" g"cp { "tq { cni'cev'kq0k" Cy cf j . "vj g" ecuvq"u { ungo "y cu"uq" ercgt n { cuuqekcvgf "y kj "t gr v'xgn { "y gm" f ghkpgf "tgi kqpu"qh"vj g"pcv'kq0"

Cu"y g"j cxg"cit gcf { "uggp. vj g" \ co kpf ct u"tki j v'y cu" eqpukf gt gf "c" hqt o "qh" r tkcvg"r tqr gt v { "vj tqwi j qw"qt "vko g0" Vj ku' ku' g'xkf gpv" kp" vj g" o cppgt "kp" y j lej " vj g" o wi j cni' i qxgt po gpv" j cpf rnf " eqph'kewu" co qpi " | co kpf ct uOvj gt g" y gt g" ugxgt cni' tgi kqpcni' u { pqp { o u" wugf "vq" k'f gpv'kh { "vj g" | co kpf ct u. y j q" o cf g" w" "vj g" j gt gf kct { "eruu" qh" uwr gt kqt "tki j v" j qrf gt u" kp" Cy cf j " hqt " kpu'cpeg. kp" qwt " f qewo gpw. ucvtcj k'ku' wugf " kpvtej cpi gcdn { "y kj " i " "

"Uqo g" | co kpf ct u"j cf "vj g" tki j v"vq" eqmgev'uo cni' hqecni' v'zgu' h' h' qo "vj g" xknci gt u0"

Vj g { "cevgf "cu" kpvgo gf kct kgu' dgvy ggp" vj g" eqwt v' c' pf "vj g" r gcucpwa. "j gr kpi "kp"

eqo o wplecv'kpi "h'qecni' ku'wgu" c' pf "gph'qteki "tq { cni' r' y u0k" c" r' ti g' pwo dgt "

f qewo gpw. "y g" h' k' f o k' m' k' c' v' c' pf " | co kpf ct k' eqw' rnf "vqi gyj gt "cu" pco gu' qh' c" "

ulpi r' g' tki j vOvj gt g" ku' c' p' k' v' g' t' g' u' k' pi " f qewo gpv' h' qo "Cy cf j " y j lej " uwi i guvgf "

vj cv' vj gt g" o c { "dg" uqo g' v' wj "kp" vj ku' uwr r qu' k' k' p' c' pf "vj cv' r gcucpwa' h' u' vj g' t" "

qeerw cpe { "tki j w' w' pf gt "c" \ co kpf ct "ucvgo gpv' d { "vy qo wscf f co "qh' c" xknci gu"

o cf g' kp" 3899. "vj g { "f gerit gf "vj cv' o k' m' k' c' v' qh' v' y q' p' co gu. "xknci gu. "qpg" qh' y j lej "

y cu' vj g' t "qy p' y cu' kp" vj g' c' pegut cni' | co kpf ct k' qh' c' "egt v' c' p' "Ej cwf j ct k0 co kpf ct "

k' pf g' g' "dgeo kpi "ucp' c' t' "vgo . "vj gt g' u' k' n' u' w' t' x' k' g' f " h' qecni' p' co gu' y j lej "y gt g"

eqpukf gt gf "vq" t' gr t' g' u' gpv' vj g' u' co g' tki j v' cu' \ co kpf ct k' vj gt g' y gt g' "Ucvtcj k' c' pf "dkuy k' c' pf "dku' k' kp" Cy cf j 0"

"Vj g" Uwf { "qh' vj g" | co kpf ct k' erpu' qh' Cy cf j "dgi kp" y kj "vj g" tlej "kph' qo c' v' k' p' kp" C' k' p' k' C' n' d' c' t' k' C' d' w' i' H' c' | n' "

j cu' r' t' q' x' k' f' g' f "wu' y kj "c" h' w' n' i' e' g' pu' w' u' qh' g' cej "r c' ti c' p' cu' f' qo k' p' c' v' e' cu' g' u. cu' y g' n' i' cu' vj g' p' c' s' f' k' i' co c' h' i' w' t' g' u' "

dcugf "qp" vj go 0 qrf gt u" qh' t' g' x' gpw" h' t' gg" i' t' c' p' w' "cni' q" g' z' r' c' p' f' g' f " vj g' t " r qu' gu' u' k' p' u" y kj " h' w' n' i' h' g' f' i' g' f " "

r t' q' r' t' k' v' c' t { "tki j w' lp" r' c' p' f' y kj "vj g" i' q' x' g' t' po gpw' eqpp' k' c' peg0"

Vj g' q' d' l' g' e' v' k' g' c' p' f' "r w' r' q' u' g' qh' \ co kpf ct k' tki j w' u' y cu' p' c' w' t' c' m' { "vq" r' t' q' x' k' f' g' "ku' r' qu' gu' u' q' t' y kj "c' p' " k' p' e' qo g' "

d' g' e' c' w' u' g' "k' y' cu' c' tki j v' r' ti g' n' { "t' g' r' v' g' f' "y kj " r' c' p' f' 0' Q' p' g' o c { "uwr r' q' u' g' vj cv' k' v' i' t' c' p' v' g' f' "ku' r' qu' gu' u' q' t' c' r' q' t' v' k' p' "

kp" vj g' r' c' p' f' "r t' q' f' w' e' g' 0"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE EFFECT OF THE HAMSTRING MUSCLE ON SPORTS PERFORMANCE AND INJURY PREVENTION: BIOMECHANICAL PERSPECTIVE

Mohammad Ahsan\* & Abdullah Alzahrani\*\*

Ko co 'Cdf wt c j o cp'Dkp'Hckucn'Wpkxgt ukyl. 'F co o co . 'Mpi f qo 'qhl'Uwvf k'Ctcdk0'  
, , Uj cstc'Wpkxgt ukyl. 'Uj cstc'Wpkxgt ukyl. 'Mpi f qo 'qhl'Uwvf k'Ctcdk0'

#### ABSTRACT

**Introduction:** "J co utkpi "o wuergu"ctg"kpvgi tcn"vq"ny gt"rko d"dkqo ge j cpleu"cpf "ur qt w"r gthqto cpeg." kphwgepeki " kplwt {" tkum" tgi cdkkxcvkqp" qweqo gu." o wuerg" cevkxcvkqp" r cwgt pu." cpf " qxgtem" cy rgye" r gthqto cpeg0"

**Methods:** "Vj ku"pcttcvkxg"tgxky "gzco kpgu"vj g"dkqo ge j cplecni'hwpevkqpu"qh"vj g"j co utkpi "o wuergu"cpf " j qy "y gcmprgu"qt "f {" uhwpevkqp"o c {"ko r cev"ur qt w"r gthqto cpeg"cpf "kplwt {"tkun0C"rkgtcwtg"ugctej "y cu" eqpf wevgf "kp" O GF NKG. "URQTVF kweu" cpf "ER CJ N" f cwcducugu"htqo "kpegr vkqp" vq" Lcpwt {"42450' Uwf kgu"kpoxguki cvkpi "j co utkpi "o wuerg"dkqo ge j cpleu."utgpi vj . "hgz kdkkx {"cpf "kplwt {"tkun'hwcvqtu"y gt g" kpenw gf 0"

**Results:** "T guwnu'kpf kecvg"vj cv"vj g"j co utkpi "o wuergu"ctg"etkklccihqt"j kr "gz vgpukqp."hpgg'hgz kqp."f {"pco le" nppgg"ucdkkx {"cpf " r tqr gt " r grkku/v wpm"o ge j cpleu" f wtkpi " t wppkpi " cpf " nkenkpi " o qvqpu0"J co utkpi " y gcmprgu"ku"cuuqekcvgf "y ky "tgf wegf "t wppkpi lnenkpi "ur ggf "cpf " r qy gt "cu"y gni"cu"lpetgcugf "tkun'qh" j co utkpi "utckpu"cpf "qy gt "ny gt "rko d"lplwt kgu0Rt gi cdkkxcvkqp"cpf "tgi cdkkxcvkqp"r tqi tco u"go r j cuk kpi " j co utkpi "utgpi vj gpkpi . "hgz kdkkx {"cpf "pgwtqo wuewrt"eqpvtqn'o c {"j gr "qr vko k g"ur qt w"r gthqto cpeg" cpf "tgf wegf"kplwt {"tkun0"

**Conclusion:** "J co utkpi "o wuergu"ctg"egpvtcn"vq"ny gt"rko d"dkqo ge j cpleu"cpf "cy rgye"r gthqto cpeg." kphwgepeki "utgpi vj "dcirpeg."o qxgo gpv'ghhekgpe {"cpf "kplwt {"uwuegr vdkkx {"0Ghgevkxg"o cpci go gpv'qh" j co utkpi "j genj "vj tqwi j "vcti gygf "vtckkpi . "eqo r tgi gpukxg"tgi cdkkxcvkqp"r tqweqnu."cpf "o wnk'hwcvqtken" kplwt {" r t g x g p v k q p " u t c v g i k u " k u " g u g p v k n i h q t " q r v k o k k p i " c v j r g y e " r g t h q t o c p e g " c p f " t g f w e k p i " v j g " d w f g p " q h " j co utkpi /tgrvgf "kplwt kgu"kp"ur qt w0Hwt vj gt "tugctej "ku"y cttecpvgf "vq"dgwgt"wpf gtucpf "o qf kkkcdng"tkun' hwcvqtu"cpf "o quv'ghgevkxg"r t g x g p v k q p " u t c v g i k u 0"

**Keywords:** Ungrvci0 wuergu."kplwt kgu."kplwt {"tkum"tgi cdkkxcvkqp."Rgthqto cpeg."Cy rgye"r gthqto cpeg0""

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EFFECT OF FISH FEED ON THE GROWTH AND BODY COMPOSITION OF SILVER CARPS IN BRACKISH WATER

Muhammad Rizwan<sup>1</sup>, Muhammad Mubashir Nazir<sup>1</sup>, Nageen Niazi<sup>1</sup>, Muhammad Saleem<sup>1</sup>,  
Muhammad Muzammil Nazir<sup>2\*</sup>

30F gr ctwo gpv'qH'Y kf rkg. "Hkuj gt kgu'cpf \ qqrqi { . 'Owj co o cf "Pcy c/ "Uj ct kgh'Wpkxgt ukf "qh'Ci tkewmw g"  
Owncp "Rcnkucp"

40F gr ctwo gpv'qH' \ qqrqi { . 'T qxgtpo gpv'Eqngi g'Wpkxgt ukf "Hckucw dcf. "Rcnkucp"

#### ABSTRACT

Vj g'i mden'r qr wævkp"ku"ter kf n' "i tqy kpi "cpf "cu"t guwæ."o qt g"ht guj "y cvgt "ku"dgkpi "equwo gf 0'Hqt " Csweewmw g'Hkuj "r tqxkf g'wu'r tqvklp"cpf "hqf. "uq'yj g'cs weewmw g'lpf wut { }u'r tqf wevkp"o wuvt kug"uq"ecp" y g'o gv'y kj "uwej "c"æti g'r qr wævkp"Vq" f gvt o kpg"vj g'eqpvgpv'qh'hkuj "hggf "kp"J O'o qrkætz"u'f kgv."vj g' ewtgpv'g'zr g'tko gpv'y kn'dg'eqpf wevgf "hqt"; "o qpvj u0Dghqt g'uvqenlpi . "vj g'hkuj u'lpkæcnlhpj vj "cpf "y g'ki j v' y kn'dg'o gcuwt gf 0'Hkuj "y kn'dg'r æegf "kpvq"hwæ"zr g'tko gpv'ni tqw u'lpænw kpi "qpg'eqvt qn'i tqw "ecngf " V3\*62"ur geko gp+"V4\*62"ur geko gp+"V5\*62"ur geko gp+"cpf "V2"\*62"ur geko gp-0Cv'vj g'gpf "qh'vj g'uwf { ." r gtegpvc g'y g'ki j v'i clp"Y I + "pgv'y g'ki j v'i clp."cpf "hpcnly g'ki j v'y g't g'ecæwævgf 0'kp"dqf { "eqo r quksqp." etwf g'r tqvklp" .Hæv "cpf "Ft { "o cwgt " "eqpvgpv'y cu'cnuq'gxcæwævgf 0'Vj g'f cæ'y cu'æwæwæcæm { "epcn { | gf " vq"xcrkf cæ'vj g't guwæu0J ki j guv" "y g'ki j v'i clp"\*38; 0460'4048+y cu'qdugt xgf "kp"V30'kp"V2."V3."V4."cpf " V5."t gur gevægn { ."36068."360 6."3703."cpf "37045' "qh'r tqvklp"r gtegpvc g'y g't g'hqwpf "kp"J O'o qrkætz 0'kp" J O'o qrkætz. "vj g'qvæncæ'eqpvgpw'kp"V2."V3."V4."cpf "V5'y g't g'o gcuwt gf "vq'dg'3043."304."20 7."cpf "20 3' 0' O czko wo "hæv "y cu'qdugt xgf "kp"V20J qy gægt."o czko wo "etwf g'r tqvklp"\*37045' +y cu'qdugt xgf "kp"V50' kp"V2."V3."V4."cpf "V5."t gur gevægn { 0'Y g'eqpænw gf "vj cv'uwdunæwægf "qh'equm { "hkuj "hggf "y kj "F R Nu'wr "vq" 42' "lpænwækp"æxgn { j cu'ko r tqxgf "i tqy vj ."y g'ki j v'i clp"cpf "dqf { "eqo r quksqp"qh'hkuj "y kj qw'j cækpi " cp { "pgi cæxg"ko r cæv'qp'hkuj "s wærkæ { 0"

**Keywords**—Hggf "kpi tgf lgpwæ."Dqf { "eqo r quksqp."J { r qr j vj cæw lej vj { u'o qrkætz."æcnlpg'y cvgt 0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EFFECT OF NITROGEN AND PHOSPHORUS ON THE GROWTH AND YIELD OF BARI TOMATO-2 (RATAN)

**Tohidur Rahman**

*F grctwo gpv'qhEtqr "Uekgpeg"cpf "Vgej pqrqi { .Hcewnf "qhl'Ci tkewnwt g. "Wpkxgt ukf "qhl'Tcluj cj k Tcluj cj k" 8427. "Dcpi rcf guj*

**Dr. Md. Kawser Ali**

*Rtqlguuqt. "F grctwo gpv'qhEtqr "Uekgpeg"cpf "Vgej pqrqi { .Hcewnf "qhl'Ci tkewnwt g. "Wpkxgt ukf "qhl' Tcluj cj k Tcluj cj k"8427. "Dcpi rcf guj "*

**Bhowmik Shimu**

*F grctwo gpv'qhEtqr "Uekgpeg"cpf "Vgej pqrqi { .Hcewnf "qhl'Ci tkewnwt g. "Wpkxgt ukf "qhl'Tcluj cj k Tcluj cj k" 8427. "Dcpi rcf guj "*

**Md. Saidul Islam**

*F grctwo gpv'qhEtqr "Uekgpeg"cpf "Vgej pqrqi { .Hcewnf "qhl'Ci tkewnwt g. "Wpkxgt ukf "qhl'Tcluj cj k" Tcluj cj k"8427. "Dcpi rcf guj "*

#### ABSTRACT

Cp"gzr gto gpv'y cu"eqpf wevgf "cv'vj g'Ci tkewnwt g'Tgugctej "Hgrf. "P ctkngndctkc. "Wpkxgt ukf "qhl'Tcluj cj k" Tcluj cj k"ltqo "P qxgo dgt "4243"vq"O ctej "4244"vq"cuuguu"vj g'ko r cev'qhl'pktqi gp"p "+cpf "r j qur j qt wu"R" qp"vj g'i tqy vj "cpf "{kgrf "qhl'DCT"vqo cvq/4" \*Tcvcp-0Vj g'uwf { "hqmjy gf "c" Tcpf qo k gf "Eqo r rvg'Dmjenl F guki p" \*TEDF "+" y kj " vj tgg" tgr rdecvqpu. "kpxqmkpi " c" vqcn' qh" plkg" vtgcvo gpv" eqo dkpvcvqpu0 Vj gug" vtgcvo gpw'kpenmf gf "vj tgg"rgxgnu"qhl'pktqi gp"p 2<2"mi "P lj c. "P 322<322"mi "P lj c. "cpf "P 372<372"mi "P lj c+" cpf "vj tgg"rgxgnu"qhl'r j qur j qtqwu"R2<2"mi "R4Q7lj c. "R372<372"mi "R4Q7lj c. "cpf "R422<422"mi "R4Q7lj c-0'

Vj g'gzr gto gpv'cgo gf "vq" gxcnvcg" {kgrf "cpf" {kgrf /eqpvtkdwkpi "hcevtu0Rrnpv"j gki j v'cv'82"fc {u'chvg" vtepur rpvkpi. "vj g'pwo dgt "qhl'dtepej gu'r gt"r rpv. "vj g'pwo dgt "qhl'hny gu'r gt"r rpv. "vj g'pwo dgt "qhl'lt wku" r gt"r rpv. "cpf "lt wky gki j v'r gt"r rpv"gzj kdkgf "uki pthecpv'kpet gcugu'y kj "j ki j gt "P "rgxgnu. "r ctvkwctnf "wr " vq"322"mi "P lj c0'Uko kctnf. "lt wky" {kgrf "kpet gcugf "uki pthecpv" "wr "vq"322"mi "P lj c0'Hwt vj gto qtg. "vj gug" r ctco gvgtu" cnq" f go qputcvgf " uki pthecpv" ko r tqxgo gpw" y kj " kpet gcukpi " rgxgnu" qh" r j qur j qtqwu" cr r rdecvqpu. "gur gekmf "wr "vq"372"mi "R4Q7lj c0'J qy gxgt. "vj g"vtgcvo gpv'eqo dkpvcvqpu" P 372R422" f kur r {gf " vj g"j ki j guv'r rpv"j gki j v'cv'j ctxguv"\* 2084"eo "+" y j kg"vj g" P 372R372"vtgcvo gpv'eqo dkpvcvqpu"uj qy gf "vj g" j ki j guv'pwo dgt "qhl'hny gu'r gt"r rpv"6: 0 9+" vj g'pwo dgt "qhl'lt wku"r gt"enwngt "605+" vj g'pwo dgt "qhl'lt wku" r gt"r rpv"5906: "+cpf "vj g"o czko wo "lt wky" gki j v"\*40629"mi "r gt"r rpv"cpf "lt wky" {kgrf "": 704"vqpu"r gt" j gevctg-0'

Vj gug"hpfpki u"wpf gtueqtg"vj g'uki pthecpeg"qhl'ectghw"pwtkpv"o cpci go gpv"ur gekhctmf "vj g"qr vko cnf" cr r rdecvqpu"qhl'pktqi gp"cpf "r j qur j qt wu. "kp"gpj cpekpi "vj g"i tqy vj "cpf" {kgrf "qhl'vqo cvq"r rpvu. "wnko cvgnf" qhgtkpi "xcnvcdr"kpuki j u'ht"vqo cvq"ewnkxcvqpu"r tcevegu"kp"ci tkewnwt g0'

"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### PREDICTIVE MODELS FOR WOMEN'S ECONOMIC EMPOWERMENT INITIATIVES "

"

*Jefnishya JR*

*F gr ct wo gpv'qhlE qo r wgt "Uekpeg'cpf "Dwukpgui"U'wgo "'*

*Dr. P. Suganthi*

*"O gpvqt. 'F gr ct wo gpv'qhl'O cyj go c'keu'"*

*T00M'Gpi kpggtkpi 'Eqngi g. 'Mxctckr gwck 'Vco kt'Pcfw 'Kpfkc0'"*

#### ABSTRACT"

Y qo gpv'geppqo le"go r qy gto gpv'ku'xkcn'htq'cf xepelki "i gpf gt "gs wrkx' "cpf "uwuvcpcdr'f g'xgnr o gpv' F gur k'g" r tqi t'guu. "i gpf gt" f kur ctkk'gu" kp" geppqo le" r ct'v'ekr c'v'k'p" r gt'ukuv. "r ct'v'ewctn' "kp" f g'xgnr kpi " geppqo k'gu'Vj ku"uwf { "cr r'k'gu" r t'gf lev'xg" o qf g'nikpi "v'ej pls w'gu"vq"cuuguu"v'j g" r q'v'p'v'kcn' q'weqo gu"qh" geppqo le"go r qy gto gpv'k'p'k'c'v'x'gu"clo gf "c'v'y qo gp. "uwej "cu'o let'q'hp'c'peg. "x'q'ec'v'k'p'cn'v't'c'k'p'kpi. "r'qrle { " t'ghqt o u. "cpf "ko r t'q'x'gf "ceeguu"vq"hp'c'p'ekcn'ug't'x'le'gu'W'ukpi "o cej k'p'g"r'g'ct'p'kpi "cni qt'k'j o u. "t'gi t'gu'k'p'p' c'p'cn'uku. "cpf "u'v'w'v'k'ec'n'o g'v'j qf u. "v'j g't'gu'g'ct'ej "k'p'v'gi t'c'v'gu'f'c'w' "ht'qo "i m'd'cn'v'q'w't'eg'gu"q'p'gf w'ec'v'k'p. "r'd'q'w't' h'q't'eg"r'ct'v'ekr c'v'k'p. "k'p'eqo g'f k'w't'k'd'w'k'p. "cpf "u'q'ek'cn'p'q't'o u'V'j g'o qf g'nu'f' g'x'gnr gf "r t'gf lev'v'j g'ko r c'ev'q'h" x'ct'k'w'u'v't'c'v'gi k'gu"q'p'y qo gp'v'geppqo le"q'weqo gu. "h'q'ew'ukpi "q'p"k'p'eqo g'i t'q'y v'j. "go r m' { o gpv'v'w'c'd'k'k'v'f. " cpf "h'p'c'p'ek'cn'k'p'f g'p'f g'p'eg'Q'w't' "h'p'f k'p'i u"j k'i j r'k'i j v'v'j g'ko r q't'v'c'p'eg"q'h'o w'nk'h'c'eg'v'f "cr r t'q'ej gu"v'j c'v' c'f f t'guu'd'q'v'j "v't'w'ew't'cn'd'c't't'k'g't'u"cpf "k'p'f k'x'k'f w'c'n'ec'r c'd'k'k'k'gu'0'c'ee'guu"v'q"gf w'ec'v'k'p"cpf "h'p'c'p'ek'cn't'g'u'q'w't'eg'gu" y g't'g'v't'q'p'i "r t'gf lev'q't'u"q'h"geppqo le"o q'd'k'k'v'f. "y j k'g"u'q'ek'cn'p'q't'o u"cpf "i g'p'f g't'g'f "go r m' { o gpv'd'c't't'k'g't'u" c'ev'f "cu'uki p'h'k'ec'p'v'eq'p'v't'c'k'p'v'0'V'j g'uwf { "c'n'q"z'r m't'gu"v'j g't'q'q'g"q'h'f k'i k'cn'v'k'g't'ce { "cpf "v'ej p'q'm'i { "k'p" g'p'j c'p'ek'p'i "y qo gp'v'geppqo le"r ct'v'ekr c'v'k'p. "r ct'v'ew'ctn' "kp" f k'i k'cn' geppqo k'gu'V'j g'ug" k'p'uki j w'u"q'h'g't' c'ev'k'p'c'd'r'g" t'geqo o g'p'f c'v'k'p'u" h'q't" r'qrle { o c'n'g't'u. "P I Qu. "cpf "k'p'v'g't'p'c'v'k'p'cn' q't'i c'p'k' c'v'k'p'u" y q't'n'k'p'i "v'q" f g'uki p'g'h'g'ev'x'g"go r qy gto gpv't'q'i t'co u'0'D { 'h'x'g't'c'i k'p'i 'f'c'w'f't'k'x'g'p'o qf g'nu. 'v'j g't'gu'g'ct'ej 'j g'r u'q'r v'k'o k'g" v'j g'v'ct'i g'v'k'p'i "cpf "f g'uki p'q'h'k'p'v'g't'x'g'p'v'k'p'u. "g'p'w't'k'p'i "o q't'g'g'h'h'k'ep'v't'g'u'q'w't'eg"cm'q'ec'v'k'p'0'W'w'ko c'v'gn'f. "v'j ku" uwf { "eq'p'v't'k'd'w'gu"v'q" c'f g'g'r g't'w'p'f g't'w'c'p'f k'p'i "q'h'v'j g'f { p'c'o k'eu'v'j c'r k'p'i "y qo gp'v'geppqo le"go r qy gto gpv' cpf "r t'q'x'k'f gu"g'x'k'f g'p'eg/dc'ug'f "v't'c'v'gi k'gu'ht' t'gf w'ek'p'i "i g'p'f g't'k'p'g's w'c'k'k'g'u'k'p'v'j g'i m'd'cn'v' q't'n'h'q't'eg'0"

**Keywords**— I g'p'f g't'G's w'c'k'v'f. 'R'qrle { 't'ghqt o u. 'U'q'ek'cn'p'q't'o u. 'G'ep'p'q'o k'e'b'o q'd'k'k'v'f. 'k'p'eqo g'i t'q'y v'j. 'P I Q'u. 'I m'd'cn'v' q't'n'h'q't'eg'"

"

"

**COMPLEX OSCILLATION OF NON-HOMOGENEOUS DIFFERENTIAL EQUATIONS**

*Fettouch Houari*

*Wpkxgt ukf "qhl'O quwi cpgo . Hcewnf "qhl'Uekpegu'Gzcev'cpf "Eqo r wgt "Uekpeg. "F gr ctwo gpv'qhl' Ocyj go cveu'cpf "Eqo r wgt "Uekpeg"Crji gtlcO"*

*QTEKF <2222/2224/: 6: :/5653"*

"

**ABSTRACT**

Kp'vj ku'r cr gt. 'y g'kpxguki cvg'vj g'i tqy vj "cpf "kz gf "r qkpw'qh'uqnwkp'u'qh'j ki j gt/ qtf gt "tkpgct "f kthgt gpv'cnf gs wcvkpu'kp'vj g'wpl'f kucO'Y g'gzv'pf "vj g'eqghlekpveqpf kkp'u'v'c "v' r g'qh'qpg/eqpu'cv'eqpvt'qn' eqghlekpveqo r ct kuq'p'cpf "qdv'kp'vj g'ucO g'guko cvgu'qh'kgtcv'gf "qtf gt "qh'uqnwkp'u'Y g'cnuq'qdv'kp' dgwgt "guko cvgu'd{ "r tqxkf kpi "c"r tgekug'xcnw'qh'kgtcv'gf "qtf gt "qh'uqnwkp'kp'ug'cf "qh'c'tepi g'qh'vj cv'kp' vj g'ecug'qh'eqghlekpve'j ctcev'gt kuke "hwpevkp"eqo r ct kuq'p'00'kp'cf f kkp. "hqt "vj g"p" /kgtcv'gf "qtf gt "qh' o gtqo qtr j le "hwpevkp'kp'ku'f ghkpgf "d{ ""

$$\sigma_p(h) = \lim_{t \rightarrow 2} \frac{\rho_i^+ V(t, h)}{-\rho_i(t)} . "$$

y j gt g'cpf "ku'vj g'P gxcprkppc'ej ctcev'gt kuke "hwpevkp'qh'0Hqt "cp'cpcnf vle "hwpevkp'kp'y g'j' cxg'cnuq "

$$\sigma_{O,p}(h) = \lim_{t \rightarrow 2} \frac{\rho_i^+ O(t, h)}{-\rho_i(t)} . "$$

y j gt g'0'ki "ku'cpcnf vle "kp. "Vuwlk'j]uw. "r 0427\_ 'i kxgu'vj cv' "

"

Hqt "gzco r rg. "vj g'hwpevkp'ucv'kukgu'cpf ""  $\sigma_{O,3}(h) = \mu(h)$  "

Qdxkqwu'f. 'y g'j' cxg' ""

"

Vj g'kpgs wcrkku'g\*22+'ctg'vj g'dguv'r quikng'kp'vj g'ugpug'vj cv'vj gt g'ctg'cpcnf vle "hwpevkpu'cpf "" j "uwej " vj cv'cpf 0J qy gxgt. "k'hqmqy u'd{ "Rtqr qukkqp"4040'kp"]r'kp\_ 'vj cv'hqt 0Vj g'v' r g'qh'c'o gtqo qtr j le " hwpevkp'kp'y kj "ku'f ghkpgf "d{ "

$$\tau_p(h) = \lim_{t \rightarrow 3^-} (3-t)^{\sigma_p} \rho_i^+ V(t, h) = "$$

cpf "k'ku'cp'cpcnf vle "hwpevkp'kp'y kj "y g'j' cxg'cnuq "

$$\tau_{O,p}(h) = \lim_{t \rightarrow 3^-} (3-t)^{\sigma_p} \rho_i^+ O(t, h) = "$$

Y g'uki p'cn'vj cv'cnuq'd{ "Rtqr qukkqp"4040'kp"]r'kp\_ 'y g'j' cxg' "" "hqt "" 0"

"F ghkpkqp "" o gtqo qtr j le "hwpevkp "" "kp'vj g'wpl'f kuc "" "ku'ecngf "cf o kuikng'khi"

$$\lim_{t \rightarrow 2} \frac{V(t, h)}{-\eta_i(t)} = \infty$$

çpf "pqpcfo kukdrg'ki"

$$\lim_{t \rightarrow 2} \frac{V(t, h)}{-\eta_i(t)} < \infty$$

"

Vj g'i tqy vj "kpf gz "qh'vj g'kgtcvgf "qtf gt "qh'c'o gtqo qtr j ke'hwpevkqp""kp""ku'f g'kpgf "d{ "

"

"

"

Y g'y kniwug'vj g'pqcvkqp"v'f gpqvg'vj g'p/kgtcvgf "g'zr qpgpv'qh'eqpxgti gpeg'qh'vj g'l gtq/ugs wgpeg'qh' o gtqo qtr j ke'hwpevkqp""çpf ""v'f gpqvg'vj g'p/kgtcvgf "g'zr qpgpv'qh'eqpxgti gpeg'qh'f k'k'v'v' gtq/ ugs wgpeg'qh'". y j lej "ctg'f g'kpgf "cu'vj g'hwmy kpi <

$$\lambda_p(h) = \lim_{t \rightarrow 2^-} \frac{\eta_i P\left(t, \frac{3}{h}\right)}{-\eta_i(t)} \quad \text{çpf} \quad \bar{\lambda}_p(h) = \lim_{t \rightarrow 2} \frac{\eta_i \bar{P}\left(t, \frac{3}{h}\right)}{-\eta_i(t)}$$

**Keywords** "F k'k'g'p'v'k'n'g's w'v'k'p'u. "g'zr qpgpv'qh'eqpxgti gpeg. "Quek'v'k'p. "w'p'k'f'k'ue'0"

"

**REFERENCES**

30Y (M)J c{0 çp. "O gtqo qtr j ke'hwpevkqp."Erct gpf qp "Rt guu. "Qzhtf. "3; 860'  
 40L)J g'k'v'q'n'epi cu. "Qp"eqo rrgz'f k'k'g'p'v'k'n'g's w'v'k'p'u'k'p'vj g'w'p'k'f'k'ue. "C'p'p'0'C'ec'f'0'U'ek'0'H'g'p'p'0'0' çvj 0' F ku0344"\*4222+"3/360'  
 50L)J g'k'v'q'n'epi cu. "T)M'q'tj qpgp"çpf "L)T'@'v'f'@'I tqy vj "g'w'k'o çv'g'u'l'q't'u'q'n'w'k'p'u'q'h'h'k'p'g'c't "eqo rrgz" f k'k'g'p'v'k'n'g's w'v'k'p'u'0'C'p'p'0'C'ec'f'0'U'ek'0'H'g'p'p'0'0' çvj 0'4; "\*4226+"P q'0'3."455/4680'  
 60L)J g'k'v'q'n'epi cu. "T)M'q'tj qpgp"çpf "L)T'@'v'f'@'H'c'w'i tqy kpi "u'q'n'w'k'p'u'q'h'h'k'p'g'c't "f k'k'g'p'v'k'n'g's w'v'k'p'u" k'p'vj g'w'p'k'f'k'ue. "T'g'u'w'n'0'0' çvj 0'6; "\*4228+"487/49: 0' .455/4680'

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# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

## AI-DRIVEN INNOVATIONS IN AVIATION: OPTIMIZING OPERATIONS, ENHANCING SAFETY AND ELEVATING PASSENGER EXPERIENCE

*Amli Aboo Bakar*

*Vt cipur qt v'cpf "Vgrgeqo o wplecvkqp "Kpukwng"*

*Ncwxcu"Ut ggv'4. "Tki c. "NX/323; . "Ncwkc"*

### ABSTRACT

Ct v'k'lekn'lpvgnki gpeg"CK'ku'tcr kf n' 't'cpulqt o kpi 'lpf wut lgu'y qtrf y kf g'cpf 'cxlc'v'k'p'ku'qpg'qh'v'j g'dki i guv' d'gpg'hekt'lg'u' Vj ku' r'cr'gt' "g'zr'rt'gtu" j qy "CK'ku" ej cpi kpi "cxlc'v'k'p" qr g'c'v'k'p'u. "ko r'rt'qx'k'pi "v'j g" uchgv' " r't'q'v'eqnu" cpf "dt'k'pi kpi "v'j g" v'q'v'c'n'ewu'qo gt "g'zr'gt'kg'peg" v'q" c"i t'g'c'v'g't" j g'ki j v'0' C'k'r'k'p'g'u" cpf "v'j g" cxlc'v'k'p" u'w'c'ng'j q'rf'gt'u'c't'g'v'c'n'k'p'i "c'f'x'c'p'v'c'i g'q'h'v'j g'ug'p'gy "g'x'g'n'u'q'h'g'h'le'k'p'e" { "cpf "u'g't'x'le'g" q'r'v'k'o k'c'v'k'p'v'j t'q'w'i j "v'j g" k'p'v'g'i t'c'v'k'p'q'h' C'K'v'q'u'u' l'p'e'n'f' k'p'i "r' t'g'f' l'v'k'x'g" c'p'c'n'f' v'k'eu. "o' c'ej' k'p'g'g'c't'p'k'p'i "c'n'i q't'k'j o u'c'p'f' "p'c'w't'c'n'r'p'i w'c'i g" r't'q'v'eqnu'k'p'i 0'

**Operational Optimization:** "Vj g'ej cpi gu'v'j cv'CK'j cu'dt'q'w'i j v'v'q" c't'k'r'k'p'g" q'r' g'c'v'k'p'u' c't'g" v'p'r'c't'c'm'g'ng'f' <' h't'q'o "r' r'c'p'p'k'p'i "v'j g" h'k'i j v'v'ue'j g'f'w'g. "v'q" q'r' v'k'o k'c' k'p'i "h'w'g'n'v'q" r' t'g'f' l'v'k'x'g" o' c'k'p'v'g'p'c'p'eg" q'h'c'k't'c'h'v'0'K'j' cu'd'g'g'p' c'f' i'c'o' g'ej' cpi g't. "w'uk'p'i "C'K'c'n'i q't'k'j o u'v'q" c'p'c'n'f' | g't'g'c'n'v'k'o' g'ug'p'ua't' f'c'v' h't'q'o "c'k't'c'h'v'c't' u'v'q" r' t'g'f' l'v'k'v'j j g't'g" y' g'c't' "c'p'f' "v'g'c't. "c'p'f' "o' g'ej' c'p'k'c'n'k'u'w'g'u. "y' k'm'j' c'r'r' g'p' "d'g'h'q't'g'v'j g'f' "r' t'g'g'p'v'c' f' g'r'c' { "q't' "c' "uchgv' "k'u'w'g'0' C'k't' d'w'u" \*4242+e'r'c'k'o u'k'o r'ng'o g'p'v'k'p'i "r' t'g'f' l'v'k'x'g" o' c'k'p'v'g'p'c'p'eg'v'q'u'u'j' cu'g'f' "v'q" w'r' "v'q'52" "t'g'f' w'v'k'p'k'p'o' c'k'p'v'g'p'c'p'eg" t'g'r'v'g'f' "h'k'i j v'f' g'r'c' { "u't'g'u'w'k'p'i "k'p' "u't'q'p'i g't' "q'r' g'c'v'k'p'c'n't' g'r'c'd'k'k'v'f' "c'p'f' "e'q'u'v'g'h'le'k'p'e" { "0' h'k'i j v'q'r' v'k'o k'c'v'k'p" c'n'i q't'k'j o u'y' j' l'ej' "h'w't'v'j g't'g'f' w'g' "h'w'g'n'f' e'q'p'w'o r' v'k'p'p. "c'c'eq'w'p'v'k'p'i "h'q't' "52062" r' g't'eg'p'v'q'h'c'k't'k'p'g" q'r' g'c'v'k'p'i " e'q'u'u. "c't'g" g'p'c'd'r'g'f' "d" { "C'K'0' h'q't' "k'p'u'c'p'eg. "C'K' u'q'n'w'k'p'u" e'c'p' "e'q'p'h'i w'g" h'k'i j v't'q'w'g'u' e'q'p'k'f' g't'k'p'i "y' g'c'v'j g't" e'q'p'f' k'k'q'p'u. "c'k' "t'c'p'ur' q't'v'c'r' c'ek'v'f' "c'p'f' "h'w'g'n'f' g'h'le'k'p'e" { "r' t'c'c'o' g'v'g't'u. "h'g'c'f' k'p'i "v'q" c' "h'w'g'n'f' g'f' w'v'k'p' "c'p'f' "g'o' k'u'k'q'p" t'g'f' w'v'k'p'q'h' e'c't'd'q'p" \*U'o' k'j' "g'v'c'n'0'4243+0'

**Safety Enhancements:** "T'g'c'n'v'k'o' g'f'c'v'c' "c'p'c'n'f' v'k'eu" c'p'f' "r' t'q'c'v'k'x'g" t'k'u'm'f'o' c'p'c'i' g'o' g'p'v'c't'g'y' j' c'v'CK'f' q'g'u'v'q" g'p'j' c'p'eg' "cxlc'v'k'p' "uchgv'f' 0'V't'k'k'q'p'u'q'h'f'c'v'c' "c't'g'c'p'c'n'f' | g'f' "w'uk'p'i "C'K'k' q'y' g't'g'f' "u'v'g'o' u' h't'q'o' "h'k'i j v'q'r' g'c'v'k'p'u" v'q' "u'g't'c't'ej' "h'q't' "r'c'w'g't'p'u" c'p'f' "c'p'q'o' c'n'k'g'u" v'j' c'v'o' k'i j v'r' q'k'p'v'q' "uchgv'f' "r' t'q'd'r'g'o' u'0' h'q't' "g'z'c'o' r'ng. "k'p'c'k't' "v'c'h'le" o' c'p'c'i' g'o' g'p'v' "w'uk'p'i "o' c'ej' k'p'g'g'c't'p'k'p'i "o' q'f' g'n'u. "C'K' u'g'g'm'u'v'q" r' t'g'f' l'v'k'v'c'p'f' "v'j' w'u'o' k'k'i' c'v'g'+v'c'h'le" e'q'p'i' g'u'v'k'p' " t'k'u'm'u. "y' k'j' "v'j' g'j' q'r' g'q'h'r' t'g'x'g'p'v'k'p'i "o' k'f' c'k't' "e'q'n'k'k'q'p'u" \*k'p'v'g't'p'c'v'k'p'c'n'f' C'k' "V't'c'p'ur' q't'v' C'u'q'q'ek'v'k'p'p" ]KVC\_ " 423; +0' h'w't'v'j' g't'o' q't'g. "C'K' u'v'g'o' u' "c'n'q" e'q'p'v'k'd'w'g"v'q" r' k'q'v'k'p'i "v'c'k'p'k'p'i "v'j' t'q'w'i j "k'o' o' g't'u'k'x'g" u'k'o' w'r'c'v'k'p'u" y' j' l'ej' "t'g'r' d'ec'v'g'f' "h'le'w'u" h'k'i j v' "u'k'w'c'v'k'p'u" c'm'q'y' k'p'i "r' k'q'w'u" v'q" r' t'c'ev'le'g" c'p'f' "t'g'ur' q'p'f' "v'q" g'o' g't'i' g'p'ek'g'u" \*s'w'lem'f' + "D't'q'y' p" ( "V'c'p. "4242+0' P'q'v' q'p'n'f' "f' q'g'u" v'j' k'u" g'p'j' c'p'eg'v'j' g' "e'q'o' r' g'v'g'p'e" { "q'h'r' k'q'w'u" =k'k'u" c'n'q" c" e'q'o' r' q'p'g'p'v'q'h'v'q'v'c'n'f' h'k'i j v'uchgv'f' 0'

**Passenger Experience Transformation:** "C'p'f' "v'j' g'r' c'u'g'p'i' g't' "l'q'w't'p'g'f' "h't'q'o' "v'j' g'd'q'q'n'k'p'i "u'v'c'i' g'w'r' "v'q" k'p' / h'k'i j v' "u'g't'x'le'g'u" k'u" c'n'q" d'g'k'p'i "t'g'uj' c'r' g'f' "d" { "C'K' l'p'p'q'x'c'v'k'p'u'0' E'j' c'v'd'q'u" c'p'f' "x'k't'w'e'n'c'u'k'u'c'p'w'u" r' q'y' g't'g'f' "d" { " c't'v'k'le'c'n'f'p'v'g'n'k'i' g'p'eg'f' g'r'k'x'g't' "t'g'c'n'v'k'o' g'ew'u'q'o' g't' "u'g't'x'le'g'x'k'c" r' g't'u'q'p'c'r'k' g'f' "c'p'uy' g't'u'v'q' "k'p's'v'k't'k'g'u. "j' c'p'f' r'k'p'i " e'q'o' r' r'c'k'p'u. "o' c'n'k'p'i "u'w'i' i' g'u'v'k'p'u" y' k'j' "r' g't'u'q'p'c'r'k' g'f' "c'r' r' t'q'c'ej' " \*R'g'v'g't'u" c'p'f' "E'r'e't'n'i'4242+0' h'q't' "g'z'c'o' r'ng. "C'K' k'p'ur' k'g'f' "t'g'eq'o' o' g'p'f'c'v'k'p' "g'p'i' k'p'g'u" j' g'r' "c'k't'k'p'g'u" f' k'i' g'u'v'v'c'x'g'n'g't' "r' t'g'h'g't' g'p'eg'u" c'p'f' "j' k'u'v'q't' { "f'c'v' "v'q" "u'g't'x'g" c" r' g't'u'q'p'c'r'k' g'f' "v'c'x'g'n'f'k'k'p'g't'c't' { "y' k'j' "c'p'ek'n'c't' { "u'g't'x'le'g'u'0' k'p' "c'f' f' k'k'q'p. "C'K'f' t'k'x'g'p' "d'k'q'o' g't'k'e" "v'g'ej' p'q'm'i' k'g'u" c't'g" k'o' r' t'q'x'k'p'i "d'q'v' "c'k'r' q't'v' "u'g'ew'k'v'f' "r' t'q'eg'u'g'u" c'p'f' "t'g'f' w'el'k'p'i "y' c'k'v'k'o' g'u'v'j' t'q'w'i j "c'w'q'o' c'v'g'f' "d'q'c't'f' k'p'i "i' c'v'g'u" c'p'f' "h'c'ek'n'f' g'eq'i' p'k'k'q'p" u'v'g'o' u' \*E'j' g'p' "g'v'c'n'0'423; +0' V'j' g'c'x'c'k'c'r'd'r'g' "u'w'ej' "v'g'ej' p'q'm'i' k'g'u" r' t'q'x'k'f' g'k'o' r' t'q'x'g'f' " r' c'u'g'p'i' g't' "u'g't'x'le'g'g'x'g'n'u" y' j' k'g'o' c'k'p'c'v'k'p'k'p'i "t'q'd'w'u'v'g'ew'k'v'f' "u'c'p'f' c't'f' u'0'

**Ethical and Regulatory Considerations:** "J' q'y' g'x'g't. "g'y' k'eu" c'p'f' "r' q'v'g'p'v'k'c'n'f' t'g'i' w'r'v'q't' { "p'g'g'f' u'v'q" d'g" e'q'p'k'f' g't'g'f' "d'g'h'q't'g" k'o' r'ng'o' g'p'v'k'p'i "C'K'k'p' "cxlc'v'k'p'0' V'j' g'r' t'q'd'r'g'o' u'c't'g'v'j' g'p' "g'p'u'w'k'p'i "f'c'v'c' r' t'k'x'c'c'f' . "e'q'o' d'c'v' d'k'c'ug'u'k'p' "C'K'c'n'i' q't'k'j' o' u'c'p'f' "e'q'o' r' r'c'k'ep'eg'y' k'j' "i' m'q'd'c'n'c'x'c'v'k'p' "u'c'p'f' c't'f' u'0' Y' j' c'v'k'u'c'c'c'n'k'p'i "k'p' "C'K'k'u" k'p'f' w'ut' { "

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

uscngj qrf gt " xu" tgi wrvqt) eqmddqtcvkap" vq" f gxgnr " CK i qxgtpcpeg" htco gy qtmu" y j lej " hqewu" qp" vtcpur ctgpe{. "ceeqpvcddkx{ "cpf"uchgv{ "Gwtqr gcp"Wpkqp"Cxkcvkap"Uchgv{ "Ci gpe{ "JGCUC\_ "4243-0

**Conclusion:** "J qy gxgt. "y g'cxkcvkap"lpf wut { "ecp'vcng'cf xcpvc i g'qh'r qy gthwdCKf tkxgp"lppqxcvkapu'y cv" ko r tqxg" qr gtcvkapu. " ko r tqxg" uchgv{ " cpf " t g x q n w k a p k g " v j g " r c u u g p i g t " g z r g t k e p e g O ' V j g " e q p v k p w k p i " f g x g n r o g p v ' q h ' C K ' v e j p q n i k u " y k n ' o g c p " e q m d d q t c v k a p " c o q p i " c k r k p g u . " t g i w r v q t { " d q f k u " c p f " v e j p q n i { " f g x g n r g t u " y k n ' d g " g u u g p v k c n ' v q " j c t p g u u " v j g k t " h w n ' r q v g p v k c n ' y j k u v ' c f f t g u k p i " g y k e c n " e q o o g t e k r i c p f ' u c h g v ' k u u w g u O ' k p ' v j k u ' r c r g t . ' y g ' j k i j r k i j v ' v j g ' w t i g p v ' p g g f ' h q t ' u t c v g i k e ' k p v g i t c v k a p ' q h ' C K ' k p v ' c x k c v k a p ' v q ' t g e r k g ' c ' u w u v k p c d r g ' c p f ' r c u u g p i g t / q t k g p v g f ' h w w t g O'

**Keywords:** Ct v h e k r i k p v g n k i g p e g . " C x k c v k a p " k p f w u t { . " Q r g t c v k a p c n ' G h h e k p e { . " R c u u g p i g t u ' G z r g t k e p e g "

#### REFERENCES

- 30 Cktdwu0\*4242-0Rt g f k e v x g ' o c k p v g p c p e g ' h q t ' c k e t c h ' t g r k d r k k { O C k t d w u ' k p p q x c v k a p u ' L q w t p c n O'
- 40 Dtqy p. " O O " ( " V c p . " I O \* 4 2 4 2 - 0 ' C f x c p e g f " r k n v ' t c k l p i " y k j " C K f t k x g p " u l o w r v k a p u < " G p j c p e k p i " c x k c v k a p " u c h g v { O ' L q w t p c n ' q h ' C x k c v k a p " U c h g v { " T g u g c t e j . " 3 7 \* 5 + " 3 4 7 / 3 6 2 0'
- 50 Ej gp. " T O " Y c p i . " N O " ( " N k w . " [ O \* 4 2 3 ; + 0 C K c p f " d k q o g t k e " u q n w k a p u " k p " o q f g t p " c k r q t v u < " K o r c e u " c p f " e j c m g p i g u O ' C x k c v k a p " V e j p q n i { " T g x k g y . " 3 4 \* 6 + " 4 5 3 / 4 6 7 0'
- 60 Gwtqr gcp"Wpkqp"Cxkcvkap"Uchgv{ "Ci gpe{ " "GCUC-0\*4243-0CK't gi wrvkap"cpf "i qxgtpcpeg"kp" cxkcvkap0Tgtkxgf "htqo "Jkpugt v'WTN\_0'
- 70 Kpvt pcvkpcn' Ck" Vtcpur qt v' Cuuqekcvkap" \*KVC-0' \*423; +0' CK' crritecvkapu" kp" ck" vclhke" o c p c i g o g p v O ' K V C ' Y j k g ' R c r g t ' U g t k g u O'
- 80 Rvgtu. " C O " ( " E r r t m " F O ' \* 4 2 4 2 - 0 ' C K f t k x g p " e w u q o g t " u g t x k e g " k p " c x k c v k a p < " V t c p u h q t o k p i " y j g " r c u u g p i g t " l q w t p g { O ' I n d e n ' C k r k p g ' T g x k g y . : \* 4 + " 6 7 / 7 : 0'
- 90 Uo kj. " J O " N g g . " I O " ( " M w o c t . " U O \* 4 2 4 3 - 0 ' Q r v o k k p i " h w n ' g h h e k p e { " k p " c x k c v k a p " w u k p i " C K d c u g f " c r i q t k j o u O ' U u w k p c d r g ' C x k c v k a p ' L q w t p c n " ; \* 3 + " 8 9 / : 5 0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE IMPACT OF ELECTRIC WORD OF MOUTH ON INTENTION TO REVISIT COASTAL TOURISM DESTINATIONS IN PHUYEN – VIETNAM: AN ANALYSIS OF MEDIATING AND MODERATING ROLES

*Le Duc Tam*

*O k p w t w p i " W p k x g t u k f " q h E k x h i C p i k p g g t k p i . " X k g y p c o " "*

*Dang Hoang Xuan Huy*

*P j c " V t c p i " W p k x g t u k f . " X k g y p c o " "*

#### ABSTRACT

Kp"vj g" f ki kcn'gtc."grgevtqple"y qtf/qh'o qwj "\*gY QO +"ku"r qy gthwi'kphwgep"qp"vwtkuu)r gtegr vkqpu" cpf "kpvgrvkqpu"vq"tgxkuk."gur gelcmf "tgrxcprv'ht"uwuclpcdrq"vwtkuo "utcvgi kgu'kp"go gti kpi "eqcuxen'cpf " rguugt/npqy p" f gukpcvkqpu0Vj ku'uwf { "gZR mtgu"j qy "gY QO "chgeu'tgxkuk'kpvgrvkqpu"d { "gzco kpkpi "vj g" o gf kcvpi "tqng" qh' f gukpcvkqp" v w u v' c p f " v j g" o q f g t c v k p i " t q n g" q h' r g t e g k x g f " x c n w g o c p " g u u g p v k e n' { g v' w p f g t g z r m t g f " h c e v t " k p " v q w t k u o " t g u g t e j 0 C p c n f | k p i " f c v " h t q o " 5 7 3 " x k u k q t u " v q " R j w [ g p u " d g c e j g u " y k j " U o c t v R N U " 6 Q . " v j g " u w f { " t g x g c n i " v j c v " g Y Q O " f k g e v n f " g p j c p e g u " d q v j " f g u k p c v k q p " v w u v' c p f " t g x k u k ' k p v g r v k q p u . " y k j " f g u k p c v k q p " v w u v' h w v j g t " o g f k c v p i " v j g " t g r c v k q p u j k r " d g y g g p " g Y Q O " c p f " t g x k u k ' k p v g r v k q p u 0 O q t g " p q v e d n f . " r g t e g k x g f " x c n w g k p v t q f w e g u " c " p w c p e g f " o q f g t c v k p i " g h h e v " k ' y g e n g p u " v j g " k p h w g e p " q h' g Y Q O " q p " f g u k p c v k q p " v w u v' y j g p " v q w t k u u " g z r g e v c v k q p u " c t g " j k i j . " c u " j k i j " r g t e g k x g f " x c n w g " r g c f u " v q w t k u u " v q " g x c n w c v g " g Y Q O " o q t g " e t k k e c m f 0 E q p x g t u g n f . " r g t e g k x g f " x c n w g " u t g p i v j g p u " v j g ' k o r c e v " q h' f g u k p c v k q p " v w u v' q p " t g x k u k ' k p v g r v k q p u . " u w i i g u k p i " v j c v " y j g p " r g t e g k x g f " x c n w g " k u " j k i j . " v j g " r q u k k x g " g h h e v " q h' v w u v' q p " t g x k u k ' k p v g r v k q p u " d g e q o g u " o q t g " u w d u c p v k e n " h q u v g t k p i " c " f g g r g t " g o q v k p c n ' e q p p g e v k q p " c p f " g p e q w t c i k p i " t g r g e v " x k u k u 0 V j g u g " h k p f k p i u " e q p v t k d w g " c e c f g o l e c m f " d { " k f g p v h f k p i " r g t e g k x g f " x c n w g " c u " c " n g { " h c e v t " k p " v q w t k u u " f g e k u k q p / o c n k p i . " q h h g t k p i " k p u k i j u " h t " v q w t k u o " o c p c i g t u " v q " g p j c p e g " r g t e g k x g f " x c n w g " v j t q w i j " s w e r k v f " g z r g t k e p e g u " v j c v " i g p g t e v g " r q u k k x g " g Y Q O " c p f " f t k x g " u w u c l p c d r q " i t q y v j " h t " g o g t i k p i " f g u k p c v k q p u 0

**Keywords:** gY QO . " f g u k p c v k q p " v w u v' k p v g r v k q p u " v q " t g x k u k . " r g t e g k x g f " x c n w g . " R j w [ g p

"

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#### THE PEGAGOGICAL APPROACH AND TEACHER'S ROLE IN ESP TEACHING

"

*PhD Vanina Kanini*

*Rqrŷvej pke"Wpkxgt ukŷ"qhVkt cpc."*

*Hcewmŷ"qh'O c vj go c vkecnGpi kpggt kpi "cpf "Rj {ukecnGpi kpggt kpi ."*

*Egvt g"qhHqt gi p"Ncpi wci gu."Vkt cpc."Crdcpkc"*

*Rgf ci qi {"*

*QTEKF <222; /2224/2986/: 753"*

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#### ABSTRACT

Qpg"qh'v'j g'o qu'vej cmppi kpi "gzt gtlgpegu"Kj cxg'gxgt"eqwvvgf"eqpegtplkpi "o {"vgej kpi "gzt gtlgpeg"cu"cp" Gpi rkuj "Ngewt gt"cv'v'j g"Wpkxgtukŷ".y cu'y j gp"Kuxct vŷ"vgej kpi "GUR"vq"gp'kpggt kpi "uwf gpvu0K'y cu'pqv' qpnŷ"v'j g'hko kŷf"mpqy rŷf i g'Kj cf"qp"v'j ku'dtcpej "qh'uwf {"dw'cnuq'v'j g'ugrh/eqphf gpeg'v'j cv'Kj cf"vq'uj qy " kpi"ht qpv'qh'o {"uwf gpvu0Dgkpi "vpegt vclp"cdqw'v'j g'cpuy gtu"v'j cv'Kj cf"vq"i kxg"vq"o {"uwf gpvu'y j gp"kv' eco g"vq"s wguvqpu"cdqw'v'j g'rpi wci g'qh'v'j g'r tqhguukqp."vpegt vclp"vq"ugrgev'y j lej "rkgtcwtg"qt"vgz vdaqmŷ vq'ej qqug."hpf kpi "f levkqpcv'v'j g'vgej plecnŷ qtf u."cpf "o qt g'chgt"ho kktk kpi "qwtugrxgu'y kj "v'j g'vgz u." hpf kpi "eqtt gev'uqwt egu"qh'v'j g'plecnŷ f levkqpcv'v'j g'gm'cu"ugctej kpi "gpf nguunŷ"qprkpg"vq"d g'cu"uwg"cu" r quukdng"cdqw'v'j g'eqtt gev'f ghpkkqp"qh'v'j g'vgt o . "gve0Kj"v'j ku"ct vlerg"K'y qwrŷ"rkng"vq"dt kghŷ"uj ctg"o {" gzt gtlgpeg"qh'j qy "vq"cr r tqcej "v'j gug"fh hewmku" d {"wukpi "r gf ci qi kecn'unkm"kp" qtf gt "vq"uweegf "kp" dgeqo kpi "cp"GUR"vgej gt "cu"y gm'cu"vq"cej kxg"v'j g'ucvukcevkqp"v'j ku"vgej kpi "i kxgu"vq"vgej gtu"cpf" rgt pgtu"cu'y gm0

**Key words**—r gf ci qi {"GUR."vgej gtu'tqrg."rgctplkpi 0'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### A SHORT REVIEW ON ALOE VERA

S. Sherlin sheeba, k. Sneha, A. Ashwini, G.Aasma begum, D. Anushya

Dj ctcvj "Kpukwag"QhJ ki j gt "Gf wecvkp"Cpf "Tgugctej 0"

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#### ABSTRACT:

• Vj g'Crng'xgtc'r rcpvj cu'dggp'hpqy p'cpf "wugf 'hqt'egpwtkgu'hqt 'ku'j gcnj . 'dgcw\ . 'o gf lekpcn'cpf " unkp"ectg'r tqr gt vku'0Vj g'pco g"Crng'xgtc'f gtlxgu"htqo "vj g'Ctcdle"y qtf "oCrngj ö"o gcpkpi "öuj kpkpi " dkwgt'uwduvpeg.ö'y j kng'öxgtcö'lp'Ncvp'b gcpu'övtwgö'4222" { gctu'ci q. 'vj g'I tggmliekp'vku'tgi ctf gf 'Crng' xgtc'cu'vj g'wplxgtucn'r cpegc'0Vj g'Gi { r vcpu'ecmgf "Crng'övj g'r rcpv'qh'ko o qtwrk\ö"Vqf c{ . 'vj g'Crng' xgtc'r rcpvj cu'dggp'wugf 'hqt'xctkqu'r wtr qugu'kp'f gto cvmqi { 0Vj g'dqvcplecn'pco g'qh'Crng'xgtc'ku'Crng' dctdcf gpuku'o kngt'0K'dgmpu u"vq"Cur j qf grcegcg"\*Nkcegcg+"hco k\ . "cpf "ku'c"uj twdd { "qt'ctdqgugpv." r gtgpplcn'zgtqr j { v\ . "uweewgpv."r gc/"i tggp"eqmt'r rcpv'0K'i tqy u'o ckn\ "kp'vj g'f t { "tgi kpu'qh'Chlec." Cuk. 'Gwtqr g'cpf 'Co gtlec'0K'kpf k. 'k'ku'hqwpf 'kp'Telcu j cp.'Cpf j te'Rtcf guj . 'I wltcv'O c j ctcuj vtc'cpf " Vco klP cf w'

• Crng'xgtc'ku'c"eqo o qpn\ 'hqwpl'j qwugj qrf 'r rcpv'0K'i tqy u'pcwtcm\ 'kp'j qv'ctkf "enko cvgu. 'hng'vj g' f gugt v"Crng'xgtc"\*crng'xgtc+"pö'00Tgtlxgxf "O c { "44."4237-0Crng'xgtc'ku'c"uweewgpv'r rcpv."o gcpkpi " r ctu'qh'vj g'r rcpv'ctg'vj kngt "kp"qtf gt "v"tgvclp'y cvgt'0Crng'xgtc'j cu'c"xctkv\ "qh'wugu'cpf "ku'hqwpf "kp" o cp { 'r tqf weu'0Crng'xgtc'gz vcew'ctg'wugf "equo gvlecml "cpf "o gf lekpcml "\*Crng'xgtc"\*crng'xgtc+"pö'00' Tgtlxgxf "O c { "44."4237-0C'i n\ eqr tqvkl'hqwpf "kp'vj g'i grlqh'vj g'COxgtc'r rcpv'uj qy gf "dgpghlekn'y qwpf " j gcnkpi 'ej ctcevt'ku'leu'0Vj g'i n\ eqr tqvklpu'gpj cpegf "i tcpwrcvqp"cpf "gr kj grlcrl\ cvkp'kp'rkxkpi "qti cpluo " o qf gnu"\*Ej qk'gv'crl"4223-0K'vj g'r dqt cvqt { "ugvki . "i n\ eqr tqvklpu'kpet gcugf "egml'r tqrlhgtcvkp'cev\kv\ " cpf " gpj cpegf " gr kf gto cni' vkuw\ "Ej qk' gv' crl" 4223-0' Crng' xgtc" gz vcev' cnuq" f go qpwtcvgf " cpv\ kphco o cvqt { "cev\kv\ 0Vj g'o ge j cpluo "qh'vj g'cpv\kphco o cvqt { "cev\kv\ "y cu'f wg"vq"vj g'kpj kklkqp"qh" o cvtz"o gcmqr tqvklpcug/; "qp'dmqf "egml"\*Xklc { ccmij o k'gv'crl"4234+"

**KEY WORDS:** öCrngj ö. "dctdcf gpuku'O kngt. "i n\ eq'r tqvkl. "o gcmqr tqvklpcug'0"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### PHYTOCHEMICAL SCREENING AND ANTIBACTERIAL ACTIVITIES OF BALANITES AEGYPTIACA LEAF ORGANIC SOLVENT EXTRACT

*Idris Nuhu*

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#### ABSTRACT

Dcncpksu'cgi {r vkec "N+F griku'c'o gf lekpcnr rcpv'wugf'kp'ugxgtcrlhqm'lo gf lekpgu'cpf'cu'hqf'eqpf ko gpv' Vj gter gwle'r tqr gvku'qh'o gf lekpcnr rcpv'f gr gpf "qp'yj g'xctkgvku'qh'ej go lecn'uwduvpegu'r quugu'0Vj ku' uwf {"kpxguki cvg'yj g'ej go lecn'r tqhkg'qh'Dcncpksu'cgi {r vkec "N+F gr'gzvcev'cpf'ku'cpvdcvgtkcn' cevkkkgu'0Vj g'ngcxgu'y gtg'gzvcev'f"y kj "gy cpqn'hqmy gf"d {"r gvkkp"y kj "gy cpqn'hqmy gf"d {" r gvkkpki'ku'cs wqwu'htcev'p'y kj 'Ej mtqhqto . 'gy {n'cevcv' 'Cpf'r gvtqrgwo "gy gt. "3-3"x+lp'dcev' gu' Cml'y g'htcev'pu'qdvckpgf'y gtg'uwdlgev'f"vq'r j {vqej go lecn'uetggpki 0T guwmu'qh'yj g'uwf {"uj qy gf "vj cv' gztcew'qh'Dcncpksu'cgi {r vkec "N+F gr'ngcxgu'eqpvckpgf'xctkqu'r j {vqej go lecn'eqo r qwpf u0Co qpi "vj g' r j {vqej go lecn'kf gpv'kkgf'y gtg'cm'ekf u'ucr qpkp u'hrxqpqkf u'cpf'r j gpqrk'eqo r qwpf u'co qpi 'qvj gu'0Vj g'uwf {"uj qy gf "i {equkf gu'cpf'uvgtqkf u'eqo r qwpf u'ctg'r tgugpv'kp'cm'vj g'gzvcev'gzegr v'r gvtqrgwo " gy gt" cpf" ej mtqhqto "y j kkg' vcpkp'u" ku' qpn' "r tgugpv' kp" vj g' cs wqwu' gztcev'0Vj g' tguwmu' qh' vj g' r j {vqej go lecn'cpn'ugu'qp'gy cpqrk'gzvcev'uj qy gf "vj cv'vj g'ngcxgu'qh'D0'cgi {r vkec'r quugu'f'cm'vj g' r j {vqej go lecn'eqo r qpgpu'v'wugf'gzegr v'vcpkp'u'0Vj g'ghqg'vj g'r tgugpeg'qh'xctkqu'r j {vqej go lecn'kp" vj g'r rcpv'cev'wv'f" hqt" ku' xcu' o gf lekpcnr r tqr gvku'0Wukpi "ci ct" y gm'f'khwukp" o gy qf. "vj g' DO' cgi {r vkec'y cu'uetggpgf' hqt"cpvdcvgtkcn'cevkkkgu'ci ckpu'D0'uwduvku. "G0'eqrk"U0'cwtgwu. "cpf"U0'v'r j k' Ej mtqhqto " gztcev' qh' Dcncpksu' cgi {r vkec" uj qy gf "uki plh'ecpv' | qpgu' qh' kpj kdkkq" qh' cm' vj g' o letqqt' cpluo u'v'wugf'0Vj g'gy cpqn'cpf'r gvtqrgwo "gy gt'gzvcev'y gtg'pqv'cdrg'v'kpj kdk'U0'v'r j k'cpf'G0' eqn'0Vj qwi j "vj g'ej mtqhqto "cpf'gy {n'cevcv'gzvcev'r gthqto gf "uki plh'ecpv' "d'gwgt'0Vj g'cdk'k' "qh'D0' cgi {r vkec'uj qy kpi 'ugpukkk'k'v'q'f'k'htg'gpv'ut'ckpu'qh'dcev'gk' "i tco 'r qukk'g'cpf' i tco 'p'gi cv'k'g'dcev'gk'+ uj qy u'ku'cr r n'cev'p'cu'c' dtqcf "ur gextwo "cpv'ko letqdkn'ci gpv'y kj "vj g' rti guv' gh'kece {"d'gkpi "vj g' ej mtqhqto "gzvcev'htqo "vj ku'uwf {"0Vj ku'vj g'ghqg'lwukh {"vj g'wug'qh'vj ku'r rcpv'kp'v'cf'kkqpcnr'o gf lekpg' r tcev'egu'ht'vj g'f'kugcugu'ecwugf "d {"vj g'o letqqt' cpluo pu'0

**Keywords:** r j {vqj go lecn'. 'dcncpksu'cgi {r vkec "N+f gr'ngcxgu. 'cpvdcvgtk. 'l qpgu'qh'kpj kdkkq'p'0

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### IMPACT OF MERGERS ON THE COST EFFICIENCY OF INDIAN COMMERCIAL BANKS

*Mukesh Shukla*

*Tgugctej "Uej qrt "*

*F gr ctwo gpv'qhlCr rnkf "Geqpqo keu. "Wpkxgt ukf "qhlNwempqy "*

*Vaibhav Joshi*

*Tgugctej "Uej qrt "*

*F gr ctwo gpv'qhlCr rnkf "Geqpqo keu. "Wpkxgt ukf "qhlNwempqy "*

"

#### ABSTRACT

Vj g'r t gupv'r cr gt "gzco kpgu'vj g'equv'ghhlekpe { "qh'kpf kcp"eqo o gtekn'dcpm'd { "wukpi "c"pqp/r ctco gtle" F cve'Gpxgnr o gpv'cpcn'uku'Vgej pks wg'0'Vj g'equv'ghhlekpe { "o gcuwt gu'qh'dcpm'ct g'gzco kpgf "wpf gt "dqj " ugr ctew'cpf "eqo o qp'lt qpv'gtu'0'Vj ku'r cr gt "cnuq"go r k lecm { "gzco kpgu'vj g'ko r cev'qh'o gti gtu'qp'vj g'equv' ghhlekpe { "qh'dcpm'vj cvj cxg'dggp"o gti gf "fvt kpi "r quv'hdgtcrk'cvkqp'r g'kqf'0'Vj g'r t gupv'uwwf { "dcugf "qp" wpcn'pegf "r cpgn'f cve'qxgt "vj g'r g'kqf "3; ; 2/; 3"vq'4229/2: 0'k'vj ku'r cr gt "v'g'uv'vj g'ghhlekpe { "f'kht gpe gu" dgw ggp'r wdrle"cpf "r tkxcv'gdqj "r ctco gtle"cpf "pqp/r ctco gtle"v'guu'ct g'go r nq { gf'0'Vj g'hkpf kpi u'qh'vj ku" uwwf { "uwi i guv'vj cv'qxgt "vj g'gpvt g'uwwf { "r g'kqf "cxgtci g'equv'ghhlekpe { "qh'r wdrle"ugevqt "dcpm'hqwpf "vq" dg"9506"cpf "hqt "r tkxcv'ugevqt "dcpm'ku"9806"r gtegp'0'Vj g'hkpf kpi u'qh'vj ku'r cr gt "uwi i guv'vj cv'vq"uqo g" gzv'gpv'o gti gt "r tqi tco o g"j cu"dggp"uweegu'hw'lp"kpf kcp"dcpm'kpi "ugevqt'0'Vj g'I qxgt po gpv'cpf "Rqrl { " o cngtu'lj qwf "pqr't qo qvg'o gti gt "dgw ggp'utqpi "cpf "f'kvt guugf "dcpm'cu'c'y c { "vq'r t qo qvg'vj g'kpvgt guv' qh'vj g'f gr qukqtu'qh'f kvt guugf "dcpm'."cu'k'y knj cxg'cf xgtug"ghhlev'wr qp'vj g'cuugv's wcrk { "qh'vj g'utqpi gt" dcpm'0

**Keywords:** O gti gtu. "kpf kcp"Dcpm. "Equv'ghhlekpe { . "F GC. "Rctco gtle"cpf "pqp/r ctco gtle"v'guu"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE ROLE OF CURCUMIN IN LEPROSY THERAPY: A REVIEW OF ITS ANTI-INFLAMMATORY AND ANTIMICROBIAL PROPERTIES

G.Premanand, Dr.R.Saravanan, Dr.R.Srinivasan

Hcewmf "qlhrj cto cef" Dj ct cvj "Kpukwng" qhJ ki j gt "Gf wecvkp" Cpf "Tguctej . 'Ej gppck "Kpf kc"

"

#### ABSTRACT

Vwto gtle. "f gtlxgf "Itqo "vj g'tj k qo gu"qh"Ewte wo c'iqpi c." j cu"npi "dggp"egrdtcvgf "hqt"ku'y kf g"cttc{"qh" vj gter gwle" r tqr gt vgu." r ct vkwrt n" f wg" vq" ku" cevxg" eqo r qwpf. " ewte wo kp' Tgegpv' uwwf lgu" j cxg" kpet gcukpi n" j ki j rki j vgf "ku'r qvvpkrcu'cp"cpvk ngr tqvle"ci gpv."gxr cpf kpi "ku'o gf lekpcnt grgxcpeg'dg{ qpf " vtcf kkpccn'wuguONgr tqv{ . 'ecwugf "d{ "O {eqdcevgtkw "igrtcg. "ku'c"ej tqple"kphevcqwu'f kugcug'vj cvr tko ctkn{ " chgevu'vj g'umk. "r gtr j gtr n'p gtxgu. "cpf "o wequcn'uwthceguOY j kg'o wnkf twi "vj gter {"\*O F V+"tgo ckpu'vj g" ucpcf ctf "tgcvo gpv'ht "ngr tqv{ . 'cf lwpevxg'vj gter lgu'ct g'dgkpi "gxr nqtgf "vq"gpj cpeg'vj gter gwle"qweqo gu" cpf "tgf weg'vj g'dwtf gp"qh'vj g'f kugcugO'

Ewte wo kp. "y kj "ku" r qvvpv' cpvk/kphco o cvqt { . "cpvkqz kf cpv." cpf "cpvko letqdkn" r tqr gt vgu. "j cu"uj qy p" r tqo kuki "ghgevu"kp"o qf wrcvki "ko o wpg"t gur qpugu"cpf "kpj kdkkpi "o {eqdcevgtkcn'i tqy vj O'Ku"cdkkn{"vq" kpvgtcev'y kj "xctkqu"o qngewrt "r cvj y c {u. "uwej "cu"PH/ D"uki pcnkpi "cpf "O CRM"r cvj y c {u. "eqpvt kdwgu" vq"tgf vekpi "vj g" kphco o cvqt { "t gur qpugu" cuuqekvgf "y kj "ngr tqv{ " ngukpuO' Cf f kkpccm{ . "ewte wo kpau" r qvvpkrcn'vq"gpj cpeg'vj g'ko o wpg"u{uvgo }u"cdkkn{"vq"eqo dcv'O'igrtcg"kphevcqwu"o cngu"kw"cp"cwtevxg" ecpf kf cvg"ht "uwr r ngo gpvt { "tgcvo gpv'kp"ngr tqv{ "o cpci go gpv'O'Rt genkpcn'uwf lgu"j cxg" f go qpvt cvgf " ku"tqng"kp"o qf wrcvki "o cetqr j ci g"cevxcvkp. "tgf vekpi "qz kf cvxg"ut guu. "cpf "kpj kdkkpi "o {eqdcevgtkcn' r tqv'ht cvkpO'

Vj ku"tgxky "gzco kpgu"vj g"vj gter gwle"r qvvpkrcn'qh'wto gtle"cpf "ewte wo kp"kp"vj g"eqpvz v'qh"ngr tqv{ . " hqewuki "qp"vj gkt"o gej cpkuvle"cevcqpu. "dkqcxkrcdkkkn{"ej cngpi gu. "cpf "r qvvpkrcn'ht "wug"kp"eqo dkpcvqp" y kj "eqpxgpv'kpcn'vj gter lguO'F gur kg"vj g"pggf "ht"htvj gt "enkpcn'xcrk cvkp. "vj g"cxkrcdng" gxlk gpeg" uwi i guu"vj cv'wto gtle"j qrf u" r tqo kug"cu" c" pcwrcn'cf lwpev'kp"vj g"hi j v'ci ckpuv' ngr tqv{ . "qhht kpi "c" eqo r ngo gpvt { "cr r tqcej "vq"gzkukpi "r j cto ceqmi kcn'ut cvgi kguO'

**Keywords:** "wto gtle. "ewte wo kp. "ngr tqv{ . "cpvk ngr tqvle"ci gpv. "O {eqdcevgtkw "igrtcg." kphco o cvkp. " qz kf cvxg"ut guu. "ko o wpg"o qf wrcvkiO'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SUICIDE IN BANGLADESH: CURRENT STATUS, UNDERLYING CAUSES, AND STRATEGIC RECOMMENDATIONS

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*Mst. Farjana Akter Bobby*

*Fgrctwo gpv'qhlRuļ ej qraqi { .Tcluj c j k'eqmci g.Pcvkqpcn'Wpkxgt ukaf .Dcpi rcf guj 0'*

#### ABSTRACT

Uwlelf g'ku'cp'kpet gculpi n' 'r t guulpi 'r wdrlc'j gcnj 'kuuwg'kp'Dcpi rcf guj . 'ko r cevki 'kpf kxkf wcnu.'hco krlgu." cpf "eqo o wplk'gu'0Vj ku'r cr gt 'gzco kpgu'vj g'ewtt gpv'ucwuu'qh'uwlckf g'tcvgu'kp'Dcpi rcf guj . 'gzt rqt kpi 'vj g' uqekq/geqpqo ke.'r u{ej qmji kecn'cpf 'ewmwtcnl'hevqtu'vj cv'eqpvt'kdwg'vq'vj ku'eqo r rēz'r j gpqo gpqp0T gegpv' f'cvc' kpf kecvg' c' eqpegt kpi " tlug' kp" uwlelf g' tcvgu." r ctv'ewrctn' " co qpi " { qwpi " cf wuu." y qo gp." cpf " o cti kpcrk' gf " i tqw u." uki pcrkpi " c' etklccn' pggf " hqt " vti gvqf " kpvgt xgpv'kpu0' Mg{ " eqpvt'kdwkpi " hevqtu' kpenf g'uqekq/geqpqo ke' f'kwt guu." o gpcn'j gcnj " f'kuqtf'gtu." f'qo guke " xkqrpeg." cecf go ke " r t guuwg." cpf " rko kqf " ceegu'vq" o gpcn'j gcnj " ectg'ugt xlegu'0' Cf f'k'kqpcn' . " ewmwtcn' uki o c' uwttqwpf kpi " o gpcn'j gcnj " qhvgp' r t gxgpw' kpf kxkf wcnu' h'co " uggkpi " j gr . " y j kq' c' rēn' qh' v' tcl' p' g' " o gpcn'j gcnj " r tqh' guul' kpcn' c' p' k' p' u' h' k' e' g' p' v' i' q' x' g' t' p' o' g' p' v' k' p' k' v' k' u' h' w' t' v' j' g' t' z' c' e' g' t' d' e' v' u' v' j' g' k' u' u' w' g' 0' V' j' g' u' w' w' { ' j' k' i' j' r' i' j' u' v' j' g' t' q' r' g' q' h' u' q' e' k' g' v' n' r' t' g' u' u' w' g' . " h'co k' r' c' n' ' g' z' r' g' e' v' k' p' u' . " c' p' f' " v' j' g' " k' o' r' c' e' v' ' q' h' ' t' e' r' k' f' " v' t' d' c' p' k' k' v' k' q' p' " c' p' f' " g' e' q' p' q' o' k' e' " k' p' u' c' d' k' r' k' v' { " k' p' c' o' r' i' k' h' { k' p' i' ' u' t' g' u' u' ' c' p' f' ' c' p' z' k' g' v' { ' c' o' q' p' i' ' x' w' p' g' t' c' d' r' g' ' r' q' r' w' v' k' p' u' 0' V' j' t' q' w' i' j' " c' ' e' q' o' r' t' g' j' g' p' u' l' x' g' ' h' v' g' t' c' w' t' g' t' g' x' k' y' " c' p' f' " c' p' c' n' { u' k' u' ' q' h' ' e' c' u' g' ' u' w' f' k' g' u' . " v' j' k' u' ' r' c' r' g' t' " k' f' g' p' v' k' u' r' c' w' g' t' p' u' " c' p' f' " t' k' u' n' i' h' e' v' q' t' u' " c' u' u' q' e' k' v' g' f' " y' k' j' " u' w' l' e' l' f' g' " k' p' " D' c' p' i' r' c' f' g' u' j' " c' p' f' " f' k' u' e' w' u' u' g' u' r' q' v' g' p' v' c' n' r' t' q' v' e' v' k' g' ' h' e' v' q' t' u' ' v' j' c' v' e' c' p' ' o' k' k' i' c' v' g' t' k' u' n' 0' U' t' c' v' g' i' k' e' t' g' e' q' o' o' g' p' f' c' v' k' p' u' " c' t' g' " r' t' q' r' q' u' g' f' . " h' e' w' u' k' p' i' " q' p' " r' q' r' k' e' { / r' e' x' g' r' t' g' h' q' t' o' u' . " c' y' c' t' g' p' g' u' u' " e' c' o' r' c' k' i' p' u' . " c' p' f' " o' g' p' c' n' ' j' g' c' n' j' " u' w' r' q' t' v' u' { u' v' g' o' u' 0' V' j' g' u' g' k' p' e' n' f' g' k' p' v' i' t' c' v' k' p' i' " o' g' p' c' n' j' g' c' n' j' " g' f' w' e' c' v' k' p' ' k' p' v' q' ' u' e' j' q' q' u' . " g' z' r' c' p' f' k' p' i' " c' e' e' g' u' u' ' v' q' ' e' q' w' p' u' g' r' k' p' i' " u' g' t' x' l' e' g' u' . " c' p' f' " f' g' x' g' n' r' k' p' i' " e' q' o' o' w' p' k' v' / d' c' u' g' f' " u' w' r' q' t' v' p' g' y' q' t' m' 0' H' w' t' v' j' g' t' o' q' t' g' . " g' p' j' c' p' e' k' p' i' ' r' w' d' r' l' e' ' c' y' c' t' g' p' g' u' u' " v' q' ' t' g' f' w' e' g' ' u' v' k' i' o' c' . " k' o' r' r' g' o' g' p' v' k' p' i' " e' t' k' u' k' u' " k' p' v' g' t' x' g' p' v' k' p' r' t' q' i' t' c' o' u' . " c' p' f' " e' t' g' e' v' k' p' i' " c' ' f' g' f' k' e' c' v' g' f' " p' c' v' k' p' c' n' i' u' w' l' e' l' f' g' " r' t' g' x' g' p' v' k' p' r' q' r' k' e' { " c' t' g' " g' u' u' g' p' v' c' n' i' u' v' g' r' u' ' v' q' y' c' t' f' " g' h' h' e' v' k' x' g' " k' p' v' g' t' x' g' p' v' k' p' 0' V' j' k' u' ' r' c' r' g' t' " e' c' m' i' h' q' t' " c' " o' w' n' k' / h' e' g' y' g' f' " c' r' r' t' q' e' j' . " g' p' i' c' i' k' p' i' " i' q' x' g' t' p' o' g' p' v' d' q' f' k' g' u' . " p' q' p' / i' q' x' g' t' p' o' g' p' c' n' i' q' t' i' c' p' k' c' v' k' p' u' . " j' g' c' n' j' e' c' t' g' r' t' q' x' k' f' g' t' u' . " c' p' f' " v' j' g' " e' q' o' o' w' p' k' v' { " k' p' " e' q' m' d' q' t' c' v' k' x' g' " g' h' h' q' t' u' " v' q' " t' g' f' w' e' g' " u' w' l' e' l' f' g' " t' c' v' g' u' " c' p' f' " h' q' u' v' g' t' " c' " u' w' r' q' t' v' k' x' g' " g' p' x' k' t' q' p' o' g' p' v' " h' q' t' " o' g' p' c' n' j' g' c' n' j' " k' p' " D' c' p' i' r' c' f' g' u' j' 0' V' j' t' q' w' i' j' " v' j' g' u' g' " e' q' o' d' l' p' g' f' " g' h' h' q' t' u' . " v' j' g' " i' q' c' n' i' k' u' " v' q' " g' u' c' d' r' k' u' j' " u' w' u' c' k' p' e' d' r' g' " h' c' o' g' y' q' t' m' i' v' j' c' v' c' f' f' t' g' u' u' d' q' v' j' " k' o' o' g' f' k' e' v' g' " c' p' f' " h' q' p' i' / v' g' t' o' " o' g' p' c' n' j' g' c' n' j' " p' g' g' f' u' c' e' t' q' u' u' ' v' j' g' p' c' v' k' p' o' "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SUPRAMOLECULAR MODIFICATION OF PYRIMETHAMINE BY SYNTHESIZING ITS CO-CRYSTALS

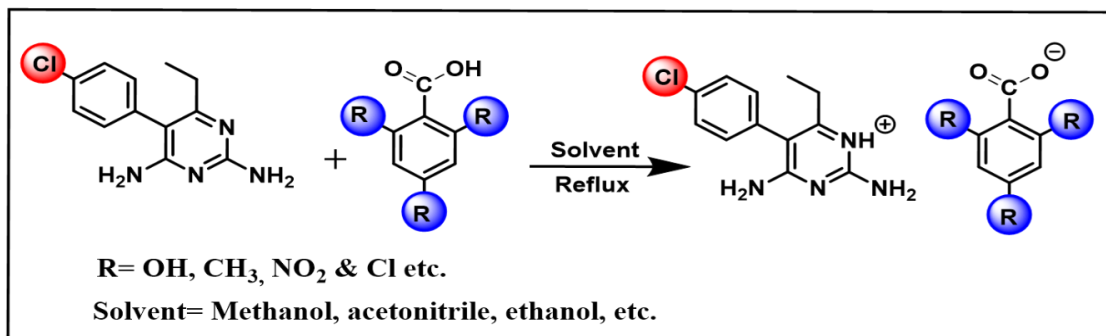
Dr. Akbar Ali<sup>1</sup>, Muhammad Zia ul Mustafa<sup>1</sup>, Kainat Zohra<sup>1</sup>, Dr. Muhammad Ibrahim<sup>2</sup>,  
Muhammad Waqar ul Fateh<sup>1</sup>

Fgrctwo gpv'qhl'Ej go kmt { .I qxgtpo gpv'Eqrngi g'Wpkxgt ukaf 'Hckucrcdcf. 'Rcnkucp<sup>3</sup>"

Fgrctwo gpv'qhl'Cr rrtkgf 'Ej go kmt { .I qxgtpo gpv'Eqrngi g'Wpkxgt ukaf 'Hckucrcdcf. 'Rcnkucp<sup>4</sup>"

#### ABSTRACT

J kxqtkecm { .r {tko gj co kpg'j cu'dggp'r tcevegf 'y qtrf y kf g'cu'dkqo gf lekpg'ci ckpu'o crtkc'dw'pqv'wugf " cp { "o qtg'ht'j g'tgcwo gpv'qh'o crtkc'f wg'vq'j g'tgukucpeg'r j gpqo gpqp. "vj qwi j =k'ecp'dg'o qf kkgf "ht" vj g'r qv'pvcn'tgwug'kp"o gf lekpcn'ej go kmt { 'O'Wkkt kpi "r {tko gj co kpg'eqo dkpgf "y kj "qvj gt"ej go kecn' o qk'vku"o ki j v'dg'cp"gzegmpv'y c {"vq"qxgteqo g'ftwi "tgukucpeg'O'k"ewtgpv'uwf { . "c"uqk'gpv'dcugf " ghlek'gpv'cpf "utcki j vhty ctf "o gj qf qm { "y cu'wugf "vq'qdvckp"j ki j n' "r wt kkgf "eq/et { ucn'ucnu'y kj "j ki j " { kgr "d { "wukpi "r {tko gj co kpg'cu'cp"CRKcpf "ugxgtcn'qti cple'cek'cu'eq/ht'o gtu'xk' "eq/et { ucn'k'cvkqp" vgej pks wg'0Dgec wug'qhl'r qv'pvcn'wugu'qhl'eq/et { ucn'k'p'ftwi "f g'xgnr o gpv.'et { ucn'gpi kpggt kpi . "k'v'gm'gewcn' r tqr gtv { . "cpf"ftwi "f g'rxgt {"u'vgo u. "eq/et { ucn'j cxg" dgeqo g'gzvgo gn' "ko r qtvcv'kp" vj g' hgrf "qh" t'gugctej 'OP gy n' "u'pvj guk'gf "eqo r qwpf u'cnuq"gzj kdkgf "rtqo kuki "cpk'dcevt'kcn'cpk'hwi cn'cpf'cpk/ ecept' "cevk'kku'0T'gegpv'uweguhm'o qf kkecvkqp"qh'r {tko gj co kpg'y km'j gn' "vq"tgk'xgpv'v'j ku'ftwi "vq" qxgteqo g'ku'ftwi "tgukucpeg'r j gpqo gpqp'0



Mg { y qtf u' R {tko gj co kpg. "eq/et { ucn'ucnu. "UE/ZTF. "dkqmi kecn'cevk'kku"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### TRENDS OF AGRICULTURAL EXTENSION IN UGANDA FOR SUSTAINABLE SMALLHOLDER FARMERS' AGRICULTURAL TRANSFORMATION

Grace Madraa and Nguyen Thanh Binh\*

*Ognqpi "F gnc "F gxgnqr o gpvTgugct ej "kpwkwmg. "Ecp "Vj q "Wpkxgt ukv. "Xkgypco "*

*QTEK "pwo dgt <2222/2224/; 537/77; 2"*

#### ABSTRACT

Wi cpf cœu"ci tlewmwtcn'gz vgpukqp"u{ uvgo "j cu"wpf gti qpg"uki pkecpv'gxqmwkqp"ukpeg"eqmpkcn'ko guO' P qwcdn. "vj gtg'j cu'dggp"c'rctcf ki o "uj km'ht qo "vj g'tcf kkkqpen'htci o gpvgt "cr r t qcej gu. "y j gt g'r wdrke" cpf "pqp/ucv g'cevqtu"qr gtcvgt "kp"kuqrcvkap. "vy ctf u"o qt g'eqqtf kpcvgt. "j cto qpk gf. "cpf "tgi wrcvgt " r mtrkukle" o qf grO' Vj ku"ukpi ng"ur kpg"gz vgpukqp"u{ uvgo "y cu" f gxgnqr gf "vq" c f f t gu"vj g"ej cmgpi gu" uo cnj qrf gt "hcto gt u'hcvg'lp"ceeguukpi "ko gn{ "gz vgpukqp"ugt xlegu"cpf "vq" f kuugo kpcvgt "kppqxcvkapu"vj cv' ecvgt "pqv'qpn{ "vq" r t ko ct { "r tqf wevkap"dw'cnuq"vq"vj g"dt qcf gt "pggf u" cet quu"vj g"gpvt g"ci tlewmwtcn' xcwng"ej ckpO'F gur kg"vj g"pqwcdng"ghhtvu. "vj ku"uwf { "dcugf "qp"rkgtcwt g"tgxkgy "cpf "ugeqpf ct { "f cvc" cpcn{uku"kp f kecvgu"vj cv'o cp{ "uo cnj qrf gt "hcto gt u'vknit go ckp"vpt gcej gf O'Vj ku'i cr "j cu'dggp"rti gn{ " cwtkdwgf "vq"kpukwkwkqpcn'cpf "qti cpk cvkqpcn'eqpustckpu. "kpenwf kpi "kpuwhkekgpv'uchhki. "kpcf gs wevg" uwr r qt v'ht "gz vgpukqp"y qtngtu. "eqtt wr vkap. "cpf "rko kvgf "egpvcni' qxgt po gpv'hwf kpi O'P gxgt vj grguu. " vj gt g'tgo ckp"uwduvpcvkn'qr r qt wpkkgu"ht "ko r tqxkpi "vj g"ukpi ng"ur kpg"gz vgpukqp"u{ uvgo "vq"cej kxg" ku" kvgpf gf " i qcnuO' Uwf lgu" uwi i guv' vj cv' utgpi vj gpkpi " t gugctej /gz vgpukqp/hcto gt " rkpnai gu. " rngxgtci kpi " kphqto cvkap" cpf " eqo o wplecvkap" vgej pqmji kgu" \*KE Vu+." cpf " wknk kpi " pwegwu" o qf gr' hcto gt u'eqwrf "j gr "gz vgpf "ugt xlegu"vq" o qt g'hcto gt uO'Vj gug'kuki j w'j ki j rki j v'vj g'pggf "ht "c"etkkekcn' cuuguwo gpv'qh"Wi cpf cœu"ukpi ng"ur kpg"gz vgpukqp"utcvgi { "cpf "ku'ko r ceuOD{ "c f f t guukpi "vj gug'hcqvgtu. " Wi cpf c" ecp" gpj cpeg" gz vgpukqp" ugt xlegu" vq" uwr r qt v' uwuclpcdng" ci tlewmwtcn' vtcpuhqto cvkap" hqt " uo cnj qrf gt "hcto gt uO'Vj ku'hkpf kpi "o c { "cnuq" dgpghk'ht "qj gt "f gxgnqr kpi "eqwpt lguO'"

**Keywords:** "ci tlewmwtcn'vtpuhqto cvkap. "gz vgpukqp"u{ uvgo . "hcto gt. "Wi cpf c""

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE POLICY LANDSCAPE AND CURRENT SITUATIONS OF INVESTMENT PRIORITIZATION IN THE PHILIPPINES' FARMING SYSTEM RESEARCH AND EXTENSION

Moh. Shanizee A. Sarabi<sup>1</sup>, Guada Marie M. Babilonia<sup>2</sup>, and Nguyen Thanh Binh<sup>3</sup>

<sup>3</sup>Y gwgtp "O kpf cpcq "Uxcvg "Wpkxgt ukv. \ co dqcp c "Ekv. "Rj ktr r kpgu"

<sup>4</sup>Xkuc { cu "Uxcvg "Wpkxgt ukv. "Ng{vg. "Rj ktr r kpgu"

<sup>5</sup>O gnqpi "F gnc "F gxgrqro gpv "Tgugctej "Kpukwwg. "Ecp "Vj q "Wpkxgt ukv. "Xkgyvco "

QTEK "pwo dgt <2222/2224/; 537/77; 2"

"

#### ABSTRACT

Vj ku"r cr gt "gzco kpgu" y g"r qre { "wpc uecr g" cpf "ewttgpv" ukwcvkpu" qh" kpxguo gpv" r tkqt kkk cvkqp" kp" yj g" Rj ktr r kpgu" hcto kpi "u{ uvgv "tgugctej "cpf "gzvgpukqp" "HUTGOF" gur kg" dgkpi "c" etk klecrlugevqt. "Rj ktr r kpg" ci tlewnwtg" ukri' hcegu" ej cngpi gu" kp" cej kxkpi "uwucpkcdrg" r tqf wevkkv{ "cpf" t gukkgpeg. "gur gekm{ "gzcegt dcvf" d{ "erko cvg'ej cpi g. 'rko kgf' hwpf kpi. "cpf" hcti o gpv'f "tgugctej "u{ uvgv u0Vj tqwi j "c' t gxlgy "qh" i qxgtpo gpv' r qrekgu. "wvcvgi le" hcto gy qtmu. "cpf" dwf i gv'cmqecvkpu" kp" yj g' pcvkqpcn' g'zr gpf kwat g. "yj ku'uwf { "clo u'v' kf gpvkh{ "ng{ "f tkxgtu" cpf "dctt lgtu" u'j cr kpi "yj g' kpxguo gpv' f gekukpu" y kj kp" yj g' eqwpt { ai "HUTGOK" cpcn{ "gu" yj g' ghgevkxgp gu" qh' yj g' ewttgpv' r qre { "kpuwwo gpv" kp" cff t gukpi "yj g' ugevqt ai" pggf u. "cpf" yj g' f kueqppgev' dgy ggp "tgugctej "qwr wu" cpf "gzvgpukqp" ugt xlegu 0Hkpf kpi u' t gxcn' yj cv' yj g' dwf i gv'cmqecvkqp" hqt "ci tlewnwtcrlt gugctej "cpf "gzvgpukqp" ku' b ckn{ "cpej qt gf" kp" yj g' eqwpt { ai "ci tlewnwtcrlt cppgt" r tqi tco u0' Vj g' uwf { "hwt yj gt" t gxcn' yj g' uki pklecpi" i cr u' kp" eqqtf kpcvkqp" dgy ggp "tgugctej "kpukwwkpu. "gzvgpukqp" pgvy qtmu. "cpf" r qre { o cngtu0' K' tguwmu" kp" uwdqr vko cn' tguqwtg" cmqecvkqp. "gur gekm{ "kp" pcvkqpcn' g'zr gpf kwat g' r tqi tco o kpi 0T gi ctf nguu" qh' i cknkpi "i qxgtpo gpv' cvgpkqp. "kpxguo gpv' r tkqt kkk cvkqp" qh' g'p' hcku' v' t ghge' v' yj g' f kxgtug' pggf u' qh' yj g' uo cnj qrf gt" hcto gtu. "kpf ki gpqwu" eqo o wpkkgu. "cpf" o cti kpcrl' gf" i tqwr u0' Vj ku" r cr gt "eqpenw' gu" y kj "cevkqpcdr" tgeqo o gpf cvkpu" hqt "ko r tqxkpi " yj g' ghlekgpe { "cpf" kpenwkkv{ "qh' yj g' kpxguo gpv' utcvgi kgu" yj cv' cf xqecv' hqt "c" o qtg" kpvgi tcvf. "t gur qpukxg. "cpf" hcto gt/ egpvtle" cr r tqcej "v' "HUTG" kp" yj g' Rj ktr r kpgu 00 qt gqxtg. "tgugctej "ko r ngo gpv' cvkqp" cpf "dwf i gv'cmqecvkqp" o wuv' gpeqwtci g' i tcutt qqv' r ctv' kcr cvkqp. "o cnkpi "yj g' qwr w' r gqr ng/ r qy gt gf "tgugctej 0K' u' q' f qkpi. "k' cko u' v' q" gpj cpeg" yj g' eqwpt { ai "ci tlewnwtcrl' r tqf wevkkv{. "uwucpkcdrlk{. "cpf" hqf "ugewtkv{ "kp" yj g' hceg" qh' gxqikpi "i mqdcrl' ej cngpi gu0'

**Keywords:** "gzvgpukqp. "hcto kpi "u{ uvgv. "kpxguo gpv' r tkqt kkk cvkqp. "Rj ktr r kpgu. "uwucpkcdrg" ci tlewnwtg"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CHILL AND HEAT REQUIREMENTS OF FOUR PLUM VARIETIES GROWING AT TWO CONTRASTING CLIMATE ENVIRONMENTS IN MOROCCO

Anas Hamdani<sup>1,2</sup>, Said Bouda<sup>2</sup>, Atman Adiba<sup>1</sup>, Jamal Charafi<sup>1\*</sup>

<sup>3</sup>Tgugctej 'Wpkv'qhl'Rrcpv'Dt gfg lpi 'cpf 'Rrcpv'I gpgvke'Tguqwt egu'Eqpugt xcvkqp. 'Pcvkqpcn'Kpukhwg'qhl' Ci tkewmwt cnTgugctej. 'Tgi kqpcn'Ci tkewmwt cnTgugctej 'Egpgvt 'qhl'O gmpgu. 'DR'79: . 'O gmpgu. 'O qt qeeq. "  
<sup>4</sup>Ncdqt cvqt { 'qhl'Ci tq/Kpf wmt kn'c'cpf 'O gf kecn'Dkqvgej pqrqi kgu. 'Hcewm' 'qhl'Uekpegu'cpf 'Vgej pks wgu. "  
Wpkxgt ulk { 'qhl'Uwncp'O qwr { 'Uko cpg. 'DR'745. 'Dgpk'O gncn 'O qt qeeq. "

#### ABSTRACT

Vj ku'uwf { 'ku'cko gf 'cv'kf gpkh' lpi 'vj g'f cvgu'cv'y j lej 'f qto cpe { 'ku'tgrgcugf 'cpf 'hny gt lpi 'dgi kpu. 'cpf 'vq' o gcuwg'vj g'ci tgerko cve'tgs wkt go gpwu'ej km'cpf 'j gcv'qhl'hw' r nwo 'ewm'xctu'i tqy p'lp'vy q'eqpvt cvkpi "erko cve" | qpgu. " pco gn' " oCppegwö" \*eqrf" y kpgt+" cpf " oCkp" Vcqwlf cvgö" \*o kf" y kpgt +0' Vj gug' ci tgerko cve'tgs wkt go gpwu'y gt g'f gvt o kpgf 'wulpi "vj tgg"o qf gnu'ht' f gvt o kplpi "ej km'pi "tgs wkt go gpwu. " pco gn' 'vj g'tgh'ki g'cv'k'p' j wtu'o qf gn'EJ + 'vj g'Wcj "o qf gn'EW+ 'cpf 'vj g'f { pco le"o qf gn'ER+ 'cpf 'vj g' ceewo wrcvg' j gcv'tgs wkt go gpwu'y gt g'ecrewr'vgf "wulpi "vj g'I F J "o qf gn'Vj g'htekpi "vgu'vy cu'eqpf wewf " qp'vj g'hny gt "dwf u'qhl'vj g'hw' r nwo "xct'kv'gu'lp'qt f gt g'f "eqpf k'k'qpu'vq"o qpkqt "dwf 'y gli j v'lp'vj g'ht'gf " cpf "eqpvt qmgf "gp'xkt qpo gp'v'vq' f gvt o kpg'vj g'f cvg'cv'y j lej 'f qto cpe { "y cu'tgrgcugf 'O' clqt 'f h'ht' gpegu' j cxg" dggp' h'qwpf "lp" ci tgerko cve'tgs wkt go gpwu' co qpi "vj g' f h'ht' gpv' u'kgu" cpf "r nwo "xct'kv'gu'0' Ej km' tgs wkt go gpwu'xct { 'dgy ggp'536'cpf'898' \*EJ + '89; "cpf"; ; : "EW: '630 3'cpf'7; '84' \*ER+ 'cpf'8798'cpf " ; 998" \*I F J + "ceeqt f lpi "vq"vj g'o qf gnu' wugf 0' Vj g' f qto cpe { "tgrgcug' f cvg' y cu' gct'rgt. "cpf "vj g'ej km' tgs wkt go gpwu' y gt g' o gv' gct'rgt "cv' oCppegwö" vj cp'cv' oCkp" Vcqwlf cvgö" Vj g' tguwmu' cnuq' t'gxg'rgf " eqpuk' g'cdng' f h'ht' gpegu' co qpi "xct'kv'gu' f gr gpf lpi "qp'vj g'k' h'x'gr'qhl'ci tgerko cve'tgs wkt go gpwu. 't'cpi lpi " h'qo "xct'kv'gu' y kj 'hny "ci tgerko cve'tgs wkt go gpwu. 'uwej 'cu'öO gy' rg { .ö'v'xgt { 'f go cpf lpi "xct'kv'gu. 'uwej " cu'öUcprg { ö'cpf "öHq'wpg.ö'y j lej 't'cpur'v'kp'v'xct'kv'gu' f cvgu'ht' 'vj g'tgrgcug'qhl' f qto cpe { 'cpf 'hny gt lpi 0' Wpf gtu'cpf lpi "vj g'ci tgerko cve'tgs wkt go gpwu'qh'xct'kv'gu'i tqy p'lp'eqpvt cvkpi "ukgu'ku'qhl'r c'tco qwpv' ko r qt wpeg'v'q'gpcdn' h'cto gtu'v'q'ht' gugg'vj g'f tqf wv'x'k'v' 'qhl'hw'wt g'qte'j ctf u'ht' 'd'gwgt 'r' r'ppkpi "cpf 'f guki p" pgy "ct'gcu'vj cv'v'cng'qp'dqctf "vj g'tgf wv'k'p'lp'y kpgt'eqrf "f w'v'v'q'i n'cdn'y cto lpi "lp"o cp { 'tgi k'qpu'0' **Keywords** <Rt wpu'f qo gu'kec "NO"Rt wpu'uc'ke'k'pc "NO"Ci tgerko cve'tgs wkt go gpwu. 'Eqpvt cvkpi "erko cvg"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### RELATIONSHIP BETWEEN CARBOHYDRATE AND AMINO ACID RESERVES IN TWIGS WITH AGRO-PHENOLOGICAL RESPONSES IN PLUM CULTIVARS OF TWO CONTRASTING GEOGRAPHIC ORIGIN

Anas Hamdani <sup>1,2\*</sup>, Said Bouda<sup>2</sup>, Atman Adiba<sup>3</sup>, , Rachid Razouk<sup>1</sup>

<sup>3</sup>*Pcvkqpcn'kpuakwag'qhl'Ci t kewnwt cn'Tgugct ej '\*P TC+DQ'637.'Tcdcv'Ot qeeq."*

<sup>4</sup>*Ncdqt cvqt { "qhl'Ci t q/kpf wmt kn'c'pf "O gf kecn'Dkqvgej pqrqi kgu.'Hc ewn'f "qhl'Uekgpegu'cpf 'Vgej pls wgu." Wpkxgt uk'f "qhl'Uwncp'O qwr { "Uko cpg.'DR'745.'Dgpk'O gnc'n'O qt qeeq."*

<sup>5</sup>*Tgi kqpcn'Ci t kewnwt cn'Tgugct ej 'Egpygt "qhl'Vcf rc.'Pcvkqpcn'kpuakwag'qhl'Ci t kewnwt cn'Tgugct ej . 'Cxgpwg' Gppcut.'RQ0Dqz'637.'Tcdcv'322; 2.'Ot qeeq"*

#### ABSTRACT

Vj ku'uwf { "cuugugf "vj g'ghge'v'qh'erko c'le"eqpf k'k'apu"qp"vj g'r tqf we'k'ap"cpf "r j gpqrqi kecn't'cku"qh'hqwt " r nwo "ewnkxct" \*Rt wpu'uc'nekpc "N0'c'pf "Rt wpu'f go gunkec "N0'i tchgf "qp":O { tqdq'p'p'ot'q'q'v'q'nen'r r'p'v'g'f " k'p'y q'eqp't'c'v'k'p'i "g'z'r g't'ko g'p'v'cn'l' q'p'gu'c'v'P TC "O g'n'p'gu.'p'co g'n'f ":-Clp"Vc'q'w'f'c'v'g'o'k'p'y g'Uc'u'r r'ek'p"cpf " :-C'p'p'q'eg'w't'k'p'y g'h'q'q'v k'm'i'q'h'y g'O k'f'f'ng' C'v'w'u.'f'w't'k'p'i "y q'eqp'ug'ew'k'x'g' { g'ct'u."423; /4242"cpf "4242/ 42430Q'dug't'x'c'v'k'p'u'y g't'g'o'c'f'g'q'h'r' t'q'f'w'e'k'ap"cpf "r j gpqrqi kecn't'cku.'k'p'ew'f'k'p'i "h'q'y g't'k'p'i "c'p'f' "d'w'f' "d'w't'u'v' t'c'v'g'u"cpf "y k'i u"t'g'ug't'x'g'u" \*v'q'v'cn' "u'q'n'd'ng" u'q'r'k'f' u" :-VUUa "u'q'n'd'ng" u'w'i'c't'u'eq'p'v'g'p'v' :-UUE'ø'c'p'f "co k'p'q" c'ek'f' u' eq'p'v'g'p'v' :-CCE'ø'f' w't'k'p'i "y g'f'q't'o'c'p'e { "c'p'f "d'w'f' "d'w't'u'v' r'j'c'ug'u'Vj g't'g'u'w'u" u'j'q'y g'f "y'c'v'y g'ghge'v'q'h'y g' erko c'v'g' h'c'ev'q't'x'c't'k'g'u'c'ee'q't'f'k'p'i "v'q'ewnkxct" c'p'f "u'k'g'o'l' k'g'r'f' u'g'z'r' t'g'u'g'f' "d { "t'g'g' "h't'w'k'f' "h'q'c'f" c'p'f "h't'w'k'y' g'k'i'j'v' y g't'g't'g'f'w'eg'f' "c'u'c't'g'u'w'u'q'h'y' g'erko c'v'g.'y'k'j' "q'x'g't'c'm'c'x'g't'c'i'g'u'q'h'56' "c'p'f "45' ".t'g'ur'g'e'v'k'g'n'f' O'U'ko'k'c't'n'f'." d'w'f' "d'w't'u'v' c'p'f "h'q'y g't'k'p'i "t'c'v'g'u" y g't'g't'g'f'w'eg'f' "q'p" d'q'y "u'k'g'u." y'k'j' "q'x'g't'c'm'c'x'g't'c'i'g'u'q'h'32' "c'p'f "8' ". t'g'ur'g'e'v'k'g'n'f' O'Vj g'g't'r'k'g'u'v'ewnkxct "y'c'u":O g'y'j'ng { ø'y'j'k'g'y' g'r'c'v'g'u'v'c'u" :-U'c'p'ng { ø'y'j'k'ej "j'c'f' "u'k'i'p'k'k'ec'p'v' f'g'e't'g'c'ug'u'k'p" :-VUUø'c'p'f ":-UUE'ø'k'p" y'k'i'c'i'c'k'p'u'v'c'p'k'p'e't'g'c'ug'k'p" :-CCE'ø'o'q'x'k'p'i "h't'q'o "y'g'f'q't'o'c'p'e { "c'p'f " d'w'f' "d'w't'u'v' r'j'c'ug'u'Vj g'c'k'o "q'h'y' k'u'uwf { "k'u'v'q"i'c'k'p'c'p'k'f'g'c' "q'h'y' g'c't'g'c'u' r'k'ng'n'f' "v'q" d'g' "h'c'x'q't'c'd'ng" h'q't' "r' nwo " ewnkx'c'v'k'p.'v'cn'k'p'i "erko c'v'le"eq'p'f'k'k'ap'u'k'p'v'q'c'ee'q'w'p'v'c'p'f "v'q'eq'p't'k'd'w'g'v'q'y' g'w'p'f'g't'w'c'p'f'k'p'i "q'h'c'f'c'r'w'e'k'ap" o'g'e'j'c'p'k'u'o' u'w'p'f'g't'eq'p'f'k'k'ap'u't'g'u'w'u'k'p'i "h't'q'o "i' n'q'd'c'n'y'c't'o'k'p'i' O'

**Key words:** "Rt wpu'f go gunkec "N0'Rt wpu'uc'nekpc "N0'erko c'v'g.'r' t'q'f'w'e'k'ap.'r'j'gpqrqi { ."y'k'i' u't'g'ug't'x'g'u' "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EFFECTS OF INSURGENCY ON INCOME OF RURAL FARMERS IN NIGER STATE, NIGERIA

<sup>1</sup>Jibrin, S, <sup>1</sup>Ibrahim, M. <sup>2</sup>Abdullahi, A. <sup>3</sup>Abubakar, M. B<sup>3</sup>. and <sup>1</sup>Emejor, F.

<sup>3</sup>Hgf gt cnlWpkxgt ulv{ "qhVgej pqrqi { . 'O kppc. Pki gt 'Ucvg. 'Pki gt kcOF gr vOqhlCi tkeOGzv'cpf " Twt cnlF gxgrqr o gpv."

<sup>4</sup>Hgf gt cnlWpkxgt ulv{ "qhVgej pqrqi { . 'O kppc. Pki gt 'Ucvg. 'Pki gt kcOF gr vOqhlCi tkeOGzv'cpf " Twt cnlF gxgrqr o gpv'F gr vOqhlCi tkeOGepqo keu'cpf "Hcto 'O cpci go gpv"

<sup>5</sup>PcvkqpcnEgt gcnTgugct ej 'kpwkwg'Dcfff gi k 'Pki gt 'Ucvg. 'Pki gt kc "

"

#### ABSTRACT

Vj g'uwf { "y cu'ecttkgf "qw'vq"cuegtvclp"vj g'ghgeu"qh'kpuwti gpe { "qp"lpeqo g'qh'twtcnl'cto gtu"kp"Pki gt "UcvgO'Vj tgg'uoci g'uco r nkp "r tqegf wtg'y cu'wugf "v"ugrgev"336"t gur ppf gpw"lqt"vj g'uwf { O'Rt ko ct { "f c v c " y gt g'eqmgev f "vj tqwi j "vj g'wug"qh's wguvqppck g'cpf "eqmgev f "f c v c " y gt g'cpcn { | gf "wukpi "f guetkr vlxg"cpf " kphgt gpvknlucvknleuO'Vj g'hkpf kpi "hcto "vj g'uwf { "t gxgcngf "vj cv'vj g'cxgtci g'ci g'qh'vj g't gur ppf gpw'y cu'69" { gctu."y kj "vj g'pwo dgt "qh'o cngudgkpi "j ki j gt "vj cp"vj g'hgo cngOO clqtkv{ "8' "qh'vj g't gur ppf gpw'y gt g" o cttkgf "y kj "cp"cxgtci g'qh": "f gr gpf gpw'cpf "o gcp"qh"9" { gctu"qh'hqto cnl'gf wecvkpO'Vj g'o clqt "hcto "qh' kpuwti gpe { "kp"vj g'uwf { "ctgc"y gt g'cdf wevqp"cpf "nkf pcr r kpi O'Vj g'o quv'r tqhqwpf "ecwug"qh'kpuwti gpe { " y cu'vj g'j ki j "tcvg"qh'wpgo r nq { o gpv'cpf "r qxgtv{ O'Xctkcdrgu'uwej "cu'i gpf gt. "o ctkenlucwuu." { gctu"qh'uwf { . " pwo dgt "qh'f gr gpf gpw. "hcto kpi "g zr gtlqpeg. "eqqr gtcvkg"uqekgv{ "y gt g"uki plhlecpr'cpf "r qukvxgO'Vj g' ghgeu"qh'kpuwti gpe { "y cu'o clqtn{ "nqv"qh'hxgu"cpf "t gf wevqp"kp"lqf "cxckrdkx{ O'K'y cu'tgeqo o gpf gf " vj cv'i qxgtpo gpv'uj qwf "etgcvg"o qt g'lqd"qr r qt wpkkgu. "kpetgcug"vj g'r t gugpeg"qh'ugevkw{ "qr gtcvkgu."dg" ulkhtg"y kj "vj g'r gtr gtcvqtu"qh'cto gf "kpuwti gpe { "cpf "kpetgcug"dqtf gt "lwt xgknrpeg"

**Keywords:** "Ghgeu. "kpuwti gpe { . "lpeqo g'cpr "Twtcnl'cto gtu"

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### STRUCTURE-BASED DRUG REPURPOSING TO INHIBIT THE DNA GYRASE OF MYCOBACTERIUM TUBERCULOSIS

Balasubramani G L<sup>1</sup>, Rinky Rajput<sup>1</sup>, Manish Gupta<sup>1</sup>, Pradeep Dahiya<sup>2</sup>, Jitendra K Thakur<sup>2</sup>, Rakesh Bhatnagar<sup>3</sup> and Abhinav Grover<sup>1</sup>

<sup>3</sup>Uej qqn'qhl'Dkqvej pqrqi {.'Lcy cj ctrn'P gj tw'Wpkxgt ukx'.'P gy 'F grj k'/'3322890'  
<sup>4</sup>Pcvkqpcn'Kpukwag'qhl'Rrvp'V gpqo g'Tgugctej.'Ctwpc'Cuch'Crk'O cti.'P gy 'F grj k0'  
<sup>5</sup>Dcpctcu'J kpf w'Wpkxgt ukx'.'Dcpctcu.'Wwct 'Rt cf guj /443227.'Kpf kc'''

#### ABSTRACT

##### Short Introduction:

Ftwi 'tgr wtr qulpi 'ku'cp'cngt pcvxg'cxgpgw'htq'kf gpvkh'kpi 'pgy 'ftwi u'vq'tgcv'wdgtewrku'VD-0Cnj qwi j " VD'ecp'dg'ewt gf 'y kj 'cpk'wdgtewrct'ftwi u.'yj g'go gti ppeg'qh'o wnkftwi /tgukucpv'cpf 'gzv'pukxgn'ftwi / tgukucpv'utclpu'qh'O {eqdcevgtkw "wdgtewrku'J 59Tx" \*O vd+"cu'y grn'cu"vj g"uki plk'ecpv'f gcvj "vqm' i mjdcm'.'pgeguke'v'vj g'f g'xgnr o gpv'qh'gh'gevxg'ftwi u'vq'tgcv'VD0"

##### Experiments and Key result findings:

Kp'vj ku'uwf {.'ftwi "tgr wtr qulpi "crr t qcej "y cu'go r m' {gf "vq" cff t guu'vj ku'ftwi "tgukucpeg'r tqdrgo "d { " uetggp'kpi "ftwi dcpn'f cvdcug'vq'kf gpvkh' "pqxgn'kpi kdkqtu'qh'vj g'O vd"vcti gv'gpl {o g."F P C"i {tcug'0'Vj g' eqo r qwpf u'y gtg'uetggpgf "ci clpu'vj g'CVRCug'f qo clp'qh'i {tcug'D'uidwpx' \*O vdI {tD69+."cpf "vj g' f qen'kpi "tguwu'uj qy gf "Gej k'pcequkf g."F qzqt wdlekp."Gr k'wdlekp."cpf "K'ctwdlekp"r quuguu'j k j "dkpf kpi " ch'k'k'gu'ci clpu'O vdI {tD690'E qo r t g'j gpukx'g'cuuguo gpv'wulpi "hwqtguepeg'ur gev'tueqr {."URT."cpf " EF "v'k'cv'qp'uwf l'gu't'gx'g'ngf "vj cv'Gej k'pcequkf g'cu'c'r qv'gpv'dlpf gt'ci clpu'O vdI {tD690'Hwt vj gt.'CVRCug." cpf "F P C"uwr gteq'k'kpi "cuuc {u'gzj kdkgf "K72'xcn'wgu"qh'408/60"UO "htq'Gej k'pcequkf g."F qzqt wdlekp." Gr k'wdlekp."cpf "K'ctwdlekp'0'Co qpi "vj gug"eqo r qwpf u."vj g'rcuv'O K;2'qh'80" O "cpf "34" O "y gt g' qdugt xgf "htq'Gr k'wdlekp'cpf "Gej k'pcequkf g.'t gur gev'xgn'0J ppeg."qwt "h'kp'kpi u'kpf lec'v'vj cv'Gej k'pcequkf g' cpf "Gr k'wdlekp'vcti gv'o {eqdcevgtkcn'F P C"i {tcug."kpi kdk'ku'ecv'nf v'e'e {eng."cpf 't'gctf "o {eqdcevgtkw " i tqy vj 0'Hwt vj gt "vj gug"eqo r qwpf u'gzj kdku'r qv'gpv'kcn'uech'qf u'htq'qr v'ko k'kpi "pqxgn'cpv'k'o {eqdcevgtkcn' ci gpw'vj cv'ecp'cev'qp'ftwi /tgukucpv'utclpu'0"

#### REFERENCES:

- 30 Ci tcy cniC.'Tqw²'O.'Ur k' hcf gp'E.'Rgt gnr'U.'C.wdt { 'C.'J cpp'O.'Dcz'D.'O c {gt'E0'Dkqej go " L04235'F ge'3-678\*4+485/950'
- 40 Ucp' gt'HX.'F gj k'q'E.'Uej k'o gt'VORNqUQpg(4236'Ugr ", ÷, \*, +g3294: ; 0'.....'f qk" 320593 llqwtpcnr' qpg03294: ; 0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EFFECTS OF FUEL SUBSIDY REMOVAL ON MULTIDIMENSIONAL POVERTY AMONG FARMING HOUSEHOLDS IN KOGI STATE, NIGERIA

B. Abdullahi<sup>1</sup>; I. B. Usman<sup>2</sup>; F. O. Suberu<sup>3</sup>

<sup>3</sup>F gr ct wo gpv'qhl'Ci t kewnwt cni'Gzv'g'pukap'cpf 'Twt cni'F g'xgr'ro gpv. 'Hgf gt cni'Wpkxgt uk'qhl'Vej pqrqi {." O kppc. 'Pki gt kc"

<sup>4</sup>F gr ct wo gpv'qhl'Ci t kewnwt cni'Vej pqrqi kgu. 'Hgf gt cni'Rqnl'vej pke'Dkf c. 'Pki gt 'Ucv'g. 'Pki gt kc"

<sup>5</sup>F gr ct wo gpv'qhl'Ci t kewnwt cni'Ge'q'p'go keu'cpf 'Hcto 'O cpci go gpv. 'Hgf gt cni'Wpkxgt uk'qhl'Vej pqrqi {." O kppc. 'Pki gt kc"

#### ABSTRACT

Vj ku'uwf { "y cu"ecttkgf "qw"vq"gzco kpg"ghgevu"qhl'hwgn'uwdulf { "tgo qxcn'qp"o wnkf ko gpukqpcn'r qxgt v' co qpi "hcto kpi "j qwugj qrf u"kp'Mqi k'Ucv'g. 'P ki gt kc'O wnk'uci g'uco r n'kpi "vej pls wg'y cu"uwgf "v'ugr'ev' 36; 't'gur qpf gpv'ht'v'j g'uwf { '0F c'v'y gt g'eqmgevgf 'ut wewt gf 's wgu'k'pp'ekt g'y kj 'v'j g'j gr 'qhl'hdq'eqmge'V' Vj g'eqmgevgf 'f'c'v'y gt g'cpcn'ugf "wulpi "f guet'k'v'x'g'uc'v'v'ku'u"u'vej "cu"o gcp. 'ht'gs'w'p'e { "cpf "r gte'g'p'ci g' "cpf "l'p'ht'gp'v'c'n'uc'v'v'ku'u'uej "cu"o wnkf ko gpukqpcn'r qxgt v' { "kp'f'gz'0'Vj g't'gu'wu'kp'f'k'ec'v'g'c'2'0'8' "l'p'et'g'c'ug' kp'c'x'g'ci g'l'p'eqo g'c'ht'g't'uwdu'kf { "t'go qxcn'dw'g'z'r g'p'f'k'w't'gu'g'v'q'ug'd { "33; 0' "f'w'g'v'q'j' ki j g't'v'c'p'ur'q't'v'v'k'p' "cpf "i'q'q'f'u"e'qu'u'0' D'gh'q't'g' "uwdu'kf { "t'go qxcn' "v'j g' "v'q'v'c'n'f'g'r't'k'c'v'k'p' "ue'q't'g' "y cu" 7304; "kp'f'k'ec'v'k'pi "v'j'c'v'c' "eq'p'uk'g't'c'd'ng' "r'q't'v'k'p' "qhl' "v'j g' "hcto "j qwugj qrf u" y cu" c'it'g'c'f { "g'z'r g't'k'p'ek'pi "r qxgt v' "c'et'qu'u" o wnk' r'g' f'ko gpukqpu'0'J qy g'x'g't. 'c'ht'g't'v'j g'uwdu'kf { "y cu't'go qx'g'f. 'v'j g'f'g'r't'k'c'v'k'p' "ue'q't'g' "l'wo r g'f' "v'q'9: 0'6. 't'g'x'g'c'ri'pi "c'f't'co'c'v'e't'k'ug' "kp'v'j g'ug'x'g't'k'v' "qhl'r qx'g't'v'0'c'n'q. "d'gh'q't'g'v'j g'hwgn'uwdulf { "t'go qxcn'880' "qhl'o'c'rg'u'y g't'g' k'f'g'p'v'k'g'f "cu"o wnkf ko gpukqpcn' "r'q'q't. "y kj "c"r qx'g't'v' "kp'v'g'p'uk'v' "qhl'2'0'84' "cpf "c"v'q'v'c'n'f'g'r't'k'c'v'k'p' "ue'q't'g' "qhl' 560; 0'0'g'c'p'y j k'g. "550' "qhl' h'go'c'rg'u'y g't'g' "e'nc'u'k'k'g'f "cu"o wnkf ko gpukqpcn' "r'q'q't. "y kj "c"r qx'g't'v' "kp'v'g'p'uk'v' "qhl'2'0'79' "cpf "c"v'q'v'c'n'f'g'r't'k'c'v'k'p' "ue'q't'g' "qhl'39'0'20'Vj g' "u'k'w'c'v'k'p' "y q't'ug'p'g'f "c'ht'g't'v'j g'hwgn'uwdulf { "t'go qxcn' "y kj "97'0'8' "qhl'o'c'rg'u' "h'c'm'k'pi "kp'v'q" o wnkf ko gpukqpcn' "r'q'q't'v'0'Vj g' "r'q'x'g't'v' "kp'v'g'p'uk'v' "c'n'q' "l'p'et'g'c'ug'f "v'q'20'6. "cpf "v'j g'v'q'v'c'n'f'g'r't'k'c'v'k'p' "ue'q't'g' "t'q'ug'f't'co'c'v'k'c'm' "v'q'7; 0'4'20'k'p' "i'ki j v'q'h'v'j g't'k'uk'pi "r'q'x'g't'v' "cpf "g'z'r'g'p'ug'u. "k'v' y cu" t'g'eqo o g'p'f'g'f "v'j'c'v' "h'cto'g't'u" u'j'q'w'f "r't'k'q't'k'k'g' "g'h'g'ev'x'g' "j qwugj qrf "h'k'p'ek'c'n' o c'pci go gp'v'0'Vj k'u'eq'w'f "l'p'x'q'k'g' "e't'g'c'v'k'pi "c' "u'c'x'k'pi u'r' "r'p' "q't' "l'g'v'k'pi "c'uk'f'g' "h'w'p'f' u' "h'q't' "g'u'g'p'v'c'n' "g'z'r'g'p'f'k'w't'g'u. "u'vej "cu' "u'ej'q'q'nl'g'g'u. "j g'c'm'j' "e'c't'g. "cpf "h'cto'k'pi "k'p'r'w'u'0'

**KEYWORDS:** R'q'x'g't'v' "O wnkf ko gpukqpcn' "U'wdu'kf { "T'go qxcn' "c'p'f' "H'cto'k'pi "j qwugj qrf "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EPIDEMIOLOGY AND PREVALENCE OF COMMUNITY-ONSET *S. AUREUS* INFECTIONS AMONG OUT-PATIENTS ATTENDING MICROBIOLOGY LABORATORY OF FEDERAL TEACHING HOSPITAL, GOMBE

*Hauwa Sa'idu Musa*

*Fgrctwo gpv'qh'Dkqrqi kecn'Uekgpegu.'Cdwacmct 'Vch:yc 'Dcrigyc 'Wpkxgt ukf. 'Dcwejk'*

#### ABSTRACT

Vj ku'uwf { "gxcncv'g'f"vj g'r t'gxcncv'g'f"qh'Ucrj {nqeqeem'cwt gwu'kuqr'v'f"itqo "en'plecn'ur geko gpu'qh'q'w' r'cv'k'p'w'c'w'g'p'f'k'p'i "j'g'O'let'q'd'k'q'm'i { "Ncd'q't'c'v'q't { "q'h'y'j'g'H'g'f'g't'c'n'V'g'c'j'k'p'i "J'q'ur'k'c'n'I'q'o'd'g'O'C"v'q'n'i'q'h' q'p'g'j'w'p'f't'g'f'c'p'f'y'g'r'x'g'\*334+'ur'g'eko'g'p'u'y'g't'g'e'q'm'g'e'v'g'f'it'q'o' 'r'c'v'k'p'w'c'w'g'p'f'k'p'i "j'g'h'c'ek'k'v'f' 'h'q't'c'r'g't'k'q'f' " q'h'uk'z'o'q'p'y'u'c'p'f'r't'q'eg'u'g'f' "h'q't' "k'u'q'r'v'k'q'p' "q'h'U'c'w't'g'w'u' "h'q'm'y'k'p'i "u'c'p'f'c't'f' "o'let'q'd'k'q'm'i'k'c'n'r't'q'eg'f'w't'g'u'0' V'j'g'u'g'e'q'o'r't'k'ug'f'q'h'y'g'p'v'f' /h'x'g'\*47+'d'm'q'f' 'u'c'o'r'ng'u' "h'q't'v'f' /u'k'z'\*68+'w't'k'p'g' 'u'c'o'r'ng'u' "y'j'k'v'f' /p'k'p'g'\*5; '+y'q'w'p'f' " u'y'c'd'u' "c'p'f' "y'q'\*4+'u'g'o'k'p'c'n' 'h'w'k'f' u'0'R'c'v'k'p'w'v'f'k'w't'k'w'k'q'p'd { "c'i'g'c'p'f' "u'g'z' "u'j'q'y' "u'j'c'v'j'k'v'f' /q'p'g'\*53+'q'w' q'h'y'g'h'q't'v'f' /p'k'p'g'\*6; '+o'c'r'g'r'c'v'k'p'w'y'g't'g'c'f'w'u'u' "y'j'k'v'f' /u'g'x'g'p'\*59+'q'w'q'h'y'g' 'u'k'z'v'f' /j't'g'g'\*85+'h'g'o'c'r'g' " r'c'v'k'p'w' "y'g't'g' "c'm'c'f'w'u'u'0' U'c'o'r'ng'u' "y'g't'g' "e'w'w't'g'f' "q'p' "u'g't'k'g' "o'c'p'p'k'q'n' 'u'c'n' "c'i'c't' " \*O'U'c'+'r' 'r'c'v'g'u' "c'p'f' " e'j'c't'c'e'v'g't'k'g'f' "r'j'g'p'q'v'f'r'k'c'm'f' "d'c'ug'f' "q'p' "e'w'w't'c'n'f'c'p'f' "d'k'q'ej'g'o'k'c'n'r'k'f'g'p'v'h'k'c'v'k'q'p' "r't'q'eg'f'w't'g'u' "k'p'e'n'f'k'p'i " i't'c'o' 'u'c'k'p'k'p'i' . 'e'c'v'c'c'ug'c'p'f' 'e'q'c'i'w'r'c'ug'c'e'v'k'k'v'f' 'v'g'u'u'y'g't'g'c't't'k'g'f' 'q'w'v'q'k'f'g'p'v'h'f' 'c'p'f' 'f'k'w'k'p'i'w'k'j' "U'c'w't'g'w'u' " h'q'o' "q'y'g't' "u'r'g'el'g'u'q'h'U'c'r'j' {nqeqeem'c'u'y'g'm'i'c'u'w't'g'r'v'q'eq'ee'c'n'ur'g'el'g'u'0'F'c'v'c'q'd'v'c'k'p'g'f' 't'g'x'g'c'r'g'f' "c'p'q'x'g't'c'm'f' " r't'g'x'c'r'g'p'eg' "t'c'v'g' "q'h'34072' "0'V'j'g't'g'u'w'u'u' "q'h'y'j'k'u' "u'w'f' { "t'g'r't'g'ug'p'v' "u'g't'k'q'w'u' "r'w'd'k'e' "j'g'c'n'j' "e'q'p'eg't'p'u' "y'j'w'u' " g'o'r'j'c'uk'k'k'p'i "j'g'p'g'g'f' "h'q't' "r't'q'r'g't' "e'q'o'o'w'p'k'v'f' "j'g'c'n'j' "e'c't'g'f' "g'r'k'x'g't' { "u'f' "u'g'o'0'

**Keywords:** *Ucrj {nqeqeem'cwt gwu'0'Rt'gxcncv'g'f' T'c'v'g' "E'q'o'o'w'p'k'v'f' "J'g'c'n'j' "e'c't'g'f' "R'ET' "C'u'c' { "*

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### REPRODUCTIVE PATHOLOGY OF GILTHEAD SEABREAM (SPARUS AURATA) IN ALGERIA "

*Mouassa Bochra*

*Wpłxgt ukł "Ej cf rkl'dgplf kf . "gn'Vct h'Cri gte "*

*Tgugct ej g'rd <Gr kf go kqni kecn'iwtxgkmp eg . 'j gcnj . 'rt qf wevkqp . 't gr t qf wevkqp . 'gzr gt ko gpwvkqp . 'cpf "*  
*egmwt "vj gte r { "qlf qo gwke "cpf "y kf "cpko cnu "*

*<sup>3</sup>QTEK "K < j wru-1lqte kf Qti I 222; /2229/5988/3496 "*

#### ABSTRACT

Vj g'i knj gcf "ugc"dtgco "ku"r tqvptf qwu"j gto cr j tqf kg. "gzj kdkłpi "c"wpks wg'tgr tqf wevkxg'r cwtg p0łk"ku" hku"vy q" { gctu. "k"hwpevkqpu"cu"o cng. "cpf "wr qp"tgcej kpi "c"rgpi vj "qh"qxgt "52"eo . "k"wpf gti qgu"o"ugz" ej cpi g. "dgeqo kpi "hgo cng0F wtłpi "vj g'o cng"r j cug. "vj g'i qpcf "ku"dkugz wcn "hgcwtłpi "hwpevkqpcn'vgukewrct" ctgcu"y kj "cu { pej tqpqwu"ur gto cvqi gpguku"cpf "pqp/hwpevkqpcn'qxctkcp"ctgcu0'Qxctkcp"fgxgnr o gpv'ku" cnu"cu { pej tqpqwu. "cpf "hgo cngu"gpi ci g"łp"dcvej "ur cy plki . "ecr cdrg"qh"rc { kpi "42.222/ : 2.222"gi i u'r gt" fc { "qxtg"e"r gte kf "qh"wr "v"5"b qp vj u0Qqe { vg"b cwtcvkqp"eqkpek gu'y kj "c"j ki j "J UK0E qpxgtugn . "ur cy plki " r gcf u"v"o" f get gcug"łp"vj g"J UK0Vj g'uk g"cv'htu"ugz wcn'o cwtk { "No 77+"ku"3: "eo "hqt"o cngu"cpf "3; "eo " hqt "hgo cngu"Vj g'i qpcf quqo cve"łpf gz "I UK"cpf "j gr cvquqo cve"łpf gz "J UK"łp"dqj "hgo cngu"cpf "o cngu" ugtxg"cu"łpf lecvtu"qh"o"ukpi rg'tgr tqf wevkqp"r gte kf +0'

Vj ku"ur cy plki "r gte kf "v"r lecm { "gz vgpf u'ht qo "F gego dgt "v"lcpwct { "łp"vj g'O gf kgt t cpgcp. "tgr tqf wevkqp" qeewtu"dgwy ggp"Qevdgt"cpf "F gego dgt0Vj g"gi i u'ct g'ur j gte kn'c'p'f "r gti le. "y kj "c"lko gvt "urki j vł " rgu"vj cp"3"o o "cpf "c"ukpi rg'rti g"qlf tqr rg0Vj g'r rmpmqpk "retxcn'uci g'rcu"cdqw'72"fc { u'cv" vgo r gte cwtgu"qh"39/3: ÅE0'

**Keywords:** I knj gcf "ugc"dtgco . "I UK"J UK"J gto cr j tqf kg. "Tgr tqf wevkqp0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DISSECTING HEALTH DISPARITIES IN RURAL AND URBAN COMMUNITIES IN NORTHERN NIGERIA

*Hauwa Sa'idu Musa*

*F g r c t v o g p v' q h' D k r q i k e c n' U e k p e g u. ' C d w d c n e t ' V c h y c ' D e r g y c ' W p k x g t u k s f . ' D e w e j k '*

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#### ABSTRACT

P q t v j g t p " P k i g t k . " y k j " k u " x c u v " r q r w a v k a p " c p f " f k x g t u g " u e k q / g e q p q o l e " r e p f u e c r g . " h e g u " c " e q o r r e z " e j c m g p i g " k p " g p u w t k p i " g s w k c d r g " c e e g u u " v q " j g e m j e c t g " u g t x l e g u 0 ' C " u k i p h e c p v " j g e m j " f k u r c t k s f " g z k u u " d g y g g p " t w t c n ' c p f " w d c p " e q o o w p k k g u . " y k j " t w t c n ' r q r w a v k a p u " f k u r t q r q t v k a p c v g n " d g e t k p i " v j g " d t w p v " q h " r q q t " j g e m j " q w e q o g u 0 J g e m j " f k u r c t k k g u " d g y g g p " t w t c n ' c p f " w d c p " e q o o w p k k g u " k p " P q t v j g t p " P k i g t k c " e t g " c " e t k l e c n ' e q p e g t p " v j c v ' y c t t c p v u " e q o r t g j g p u k x g " k p x g u k i c v k a p 0 ' V j k u ' r c r g t " c k o u " v q " f k u g e v " v j k u " f k u r c t k s f . " c p c n f u k p i " v j g " w p f g t n f k p i " h e v q t u " e q p v t k d w k p i " v q " v j g " w p g s w e n t c e e g u u " v q " j g e m j e c t g " c p f " v j g " t g u w n k p i " j g e m j " k p g s w k k g u . " c p c n f u g " v j g k t " k o r c e v " q p " t g u k f g p v u " j g e m j . " c p f " r t q x k f g " g x k f g p e g / d c u g f " o k k i c v k a p " u t c v g i k g u 0 ' V j g " c p c n f u k u l j k i j r k i j u " w p g s w e n t g u q w t e g " f k u t k d w k a p . " k p e t g c u g f " o c v g t p c n f c p f " e j k f " o q t w r k s f . " r t g x c r g p e g " q h " k p h g e v k a w u " f k u g c u g u . " c p f " v j g " k p h w g p e g " q h " u e k q g e q p q o l e " c p f " e w n w t c n ' h e v q t u 0 ' T g e q o o g p f c v k a p u " k p e n w f g " k p e t g c u g f " j g e m j e c t g " y q t n g t " f g r m j { o g p v " k p " t w t c n ' c t g e u . " k o r t q x g f " k p h t c u t w e w t g " c p f " u g t x l e g " f g r k x g t { . " v c t i g y g f " r w d r k e " j g e m j " k p v g t x g p v k a p u . " c p f " e q o o w p k k f " g p i c i g o g p v " k p k l e v k x g u 0 ' D { " c f f t g u k p i " v j g u g " f k u r c t k k g u . " y g " e c p " e t g c v g " c " o q t g " g s w k c d r g " j g e m j e c t g " u f u g o " h q t " c n i e k k k g p u " q h " P q t v j g t p " P k i g t k c 0 "

**Keywords:** " J g e m j " F k u r c t k k g u . " P q t v j g t p " P k i g t k c . " T w t c n ' W d c p " F k k f g . " J g e m j e c t g " C e e g u u . " J g e m j " Q w e q o g u "

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ISOLATION AND IDENTIFICATION OF SOIL MICROFLORA FROM KHEMIS MILIANA REGIONS IN ALGERIA

AMROUCHE Zoheir<sup>1</sup> \*, Wafa Bouziane<sup>1</sup>, Manel belkacemi<sup>1</sup>, Safia chabane<sup>1</sup>

3/Dikrqi kecnF gr ctwo gpv. Hcewnf "qhv'j g'pcwt g'cpf "hkg"Uekpegu. Wpkxgt ukv "qhv'j go ku'O kkcpc/"  
Cn gt kc"

#### ABSTRACT

Vj ku'uwf { "hgewugu"qp "vj g'kuqr vqp"cpf "kf gpv hlec vqp"qh'o letqati cpkuo u'uwej "cdcevgtk"cpf "hwpi k'ht qo " uqkn'uco r ngu"eqngevgf "kp"ctgc"lp"nj go ku'o kkcpcOC"vqcn'qh"3; "utckpu"y gt g'kuqr vgf O'Vj g'kuqr vgu"y gt g' ej ctcevgtk gf "d { "o cetqueqr le "qdugt xcvkpu" \*eqmp { "hqt o . "uk g. "eqmt+"cpf "o letqueqr le "qdugt xcvkpu" Co qpi "vj g'kuqr vgf "utckp"uwdugs wgvnf . "dkqej go kecn'vgu" \*qz kf cug. "ecwrcug. "cpf "kf gpv hlec vqp" i cngt kgu" \*Cr k" cmqy gf " r tguwo r vkg" kf gpv hlec vqp" qh' vj g' utckpu" Ego r ngo gpvt { "uwf kgu" qp" vj g' cpvdkvle" ugpukkkv { "qh' vj g' dcevgtk cn'kuqr vgu" uj qy gf "c" uki phlec pvt gukucpeg" vj g' dgvc/rxvco "hco kn { "hwt vj gt" cpcnf ugu"y qwf "dg" pgeguuct { "v" eqphko "vj g' kf gpv hlec vqp" qh' vj g' utckpu" cpf "ej ctcevgtk g' vj g' "cdkxkku" vj g' r tqf weg" ur gekle" dkqo qngewrgu" Vj ku'uwf { "cmqy gf" vj g' kuqr vqp" cpf "kf gpv hlec vqp" qh' f hgt gpv" o letqdkcn'utckpu"ht qo "uqkn. "y j ke j "eqwf" r qvgvkcml "dg" g'zr mkgf "hqt" vj g' r tqf wevqp" qh' dkqo qngewrgu" qh' kvgt guo'

**Keywords:** Kuqr vqp. "O letqhtc". "uqkn". "kf gpv hlec vqp". "Mj go ku'o kkcpc" tgi kqo'

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**III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE**

**COMBINING DIFFERENT SEVERE PLASTIC DEFORMATION TECHNIQUES TO REFINE GRAINS AND IMPROVE THE MECHANICAL PROPERTIES AND THERMAL STABILITY OF A LOW-PURITY ALUMINUM**

*Atef Korchef, Imen Souid*

*Eqngi g'qh'Uekgpeg. 'Mipi 'Mj cirkf 'Wpkxgt ukf '\*MMW+ 'Cdj c. 'Uwvf k' Ct cdkc "*

"

**ABSTRACT**

K'ku"pqy "y gni'gucdrkuj gf "vj cv'k'ku'r quakng"vq"rtqf weg"cp"wntchpg"i tclp"kpq"o gvcni"cpf "cmq{u"d{" uwdlgevpi "vj g'o cvgtkcn'vq"ugxgt g'r rucuk"ef ghtq o cvkqp"URF +vj tqwi j "r t qeguugu'kpenf kpi "vqtukqp"wpf gt " j ki j "r t guuwg"cpf "gs wcn'ej c ppgri'cpi wnt"r t guukpi "GECR+0Vj g'rewgt "r t qegef wt g'eqpuku"qh'gz v wf kpi "c" uco r ng'vj tqwi j "cp'N/uj cr gf "ej c ppgri'qhc'eqpuvcv'v'et quu/ugevkp0T gr gvkxg'r t guukpi u'qh'vj g'uco g'uco r ng" ctg"r quakng"vq"i kxg'vj g'tgs wkt gf "ngxgn'qh'ut klp0Vj g'GECR"o c{"dg"wugf "vq"ko r tqxg'vj g'o gej cplecni" r tqr gt vku"qh"o cvgtkcn"vj tqwi j "c"j ki j "t ghkgo gpv'qh'vj g"i tclpu"cpf "vj g"cewo wcvkqp"qh"et {ucnkpg" f ghgevu."o clpni "f kumqecv'kpu0Vj g"i tclp"uk' gu'kpv'qf weg" d{"GECR"ctg"i gpgtcm{ "kp"vj g'ugd/o letqo gvt " qt "pcpgo gvt "tapi g0Vj gt ghtq.g "vj g'GECRogf "o cvgtkcn"o c{"dg"cwcevkxg'ht "f kht g'pv'pgct/uwr gtr rucuk" cr r necv'kpu0J qy gxtg."c"o clqt"r tqdrgo "gpeqwpvgf "y j gp" wukpi "pcpget {ucnkpg"o cvgtkcn"cv"j ki j " vgo r gtcwt gu'ku"ij g'eqctugkpi "qh'vj g'k' i tclpu0E qpugs wgpvni ".vj g{"gcukni "mug'vj g'k' k'pvt g'v'kpi "r tqr gt vku"0 Vj g'o letqut wewt g"cpf "o gej cplecni"r tqr gt vku"qh'c"mij /r wtk{ "cnwo kpwo "f ghtq o gf "d{"GECR"wr "vq"hwat " r cuugu'y kj qwt qcvkqp"qh'vj g'uco r ng'vj g'luq/ecmgf "tqwgc"y g'g'kpxg'v'ki cvgf 00 cetqueqr k'c'pk'k'q'qr {" qh'vj g'o letqut wewt g"cpf "o gej cplecni"r tqr gt vku"qh'vj g"r t qeguugf "uco r ngu"y cu"gcukni "tgxgcngf "wukpi " qr v'cni'o letqueqr {"qdugt xcvkpu."Xlengt u"o letqj ctf pguu"o gcuwtgo g'pu."cpf "eqo r t guukqp"vguu0Vj g" cpenf uku"qh'vj g"Z/tc{"f khtcev'kqp"r gcmu"uj qy gf "c"uki p'k'k'c'pv'dtqcf g'kpi ".y j lej "y cu"tgrcvf "vq"i tclp" t ghkgo gpv"cpf "rwleg" f k'v'q'k'p'u0Vj g"et {ucnksg"uk' g"tgej gf "447"po "chgt "y q"r cuugu"cpf "f k"pqv' uwdugs wgpvni " ej cpi g0' Vj g" i tclp" t ghkgo gpv' r'c'f u" vq" c" uki p'k'k'c'pv' ko r tqxgo gpv' qh' vj g" Xlengt u" o letqj ctf pguu"cpf "o gej cplecni"r tqr gt vku"kp'eqo r t guukqp"cpf "vgpukqp"chgt "vj g'k'k'v' cuu'vj tqwi j "vj g'f kg0' Vj gt gchgt."vj g'k'p'et gcug"y cu'nguu'uki p'k'k'c'pv'0Vj g'o letqut wewt g'y cu'ucdng'wr "c'ppgcrikpi "vq"422Å "f wg" vq"vj g'r t gekr kcv'gu"y j lej "f grc {gf "vj g'f k'k'wukqp"r t qegu0Vj g" c'ppgcrikpi "qh'vj g'uco r ngu"r t qeguugf "d{" GECR"wr "vq"622Å "r'c'f u"vq" c" f get gcug"kp"vj g'Z/tc{"f khtcev'kqp"r gcmu"dtqcf g'kpi "cpf "cp"k'p'et gcug"kp"vj g" r'wleg"r c'tco gvt 0Vj ku'ku'f wg"vq"i tclp"i tqy vj 0Vj g'eqo d'k'p'c'v'kqp"qh'f k'k'ht g'pv'ugxgt g'r rucuk"ef ghtq o cvkqp" v'gej pks wgu"0GE"R."o knkpi ".cpf "ur ctni' r'cuo c"uk'p'v'g'kpi +.t guwuu'kp't ghk'k'pi "vj g' i tclp"uk' g'vq" c' r'cti g't" gz vgpv'cpf "ko r tqxkpi "vj g'vgo r gtcwt g'tcpi g'kp"y j lej "vj g"i tclp"uk' g'tgo clpu'kp"vj g'pcpgo gvt "f qo clp" hqt "vgo r gtcwt gu'cu"j ki j "cu'622Å "cpf "r'c'f u"vq"eqo r r'vgnf "eqpuqrk' cvgf "pcpget {ucnkpg" f kumu" f wtkpi "vj g" ur ctni' r'cuo c" uk'p'v'g'kpi 0' Vj gug" f kumu" uj qy gf "cp" ko r tqxgf " Xlengt u" o letqj ctf pguu0' Vj ku" eqwf " dg" cwcevkxg" hqt " wukpi " vj g" ugxgt g" r rucuk" f ghtq o gf " cnwo kpwo " cmq{ " kp" k'p' wntkcn' j ki j /vgo r gtcwt g" cr r necv'kpu0"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ARTIFICIAL INTELLIGENCE: PERCEPTIONS AND USE AMONG LIBRARY INFORMATION PROFESSIONALS

*Mahadevan Balasubramaniyan <sup>1</sup>, Kannadasan Karuppaiah <sup>2</sup>*

<sup>3</sup>"Cuwkxcpv'Rt qhguaqt 'cpf 'J gcf. 'Xgncrct 'Eqmgi g'ht 'Y qo gp '\*Cwqpqo qmu+ 'RI ' ( 'Tgugctej " F gr ct w gpv'qh'Nkdt ct { 'cpf 'Kphqt o cvkqp 'Uekpeg. 'Vj kpf cn' 'Rquw+ 'Gt qf g. 'Vco kpcf w 'Kpf kc0' <sup>4</sup>Cuwkxcpv'Rt qhguaqt 'qhdKqacvku. 'F gr ct w gpv'qh'Eqo o wphk' 'O gf kelpg. 'O gro ct wxcvj wt " Cf j kr ct cucmj k'Kpuakwg'qh'O gf kcn'Uekpegu'cpf 'Tgugctej. 'O gro ct wxcvj wt /82553; 0' Vco kpcf w 'Kpf kc0'

#### ABSTRACT

Ct vklecn'Kpvnki gpeg '\*CK'ku'tgxqvwkpk kpi 'xctkqwu'ugevqtu. 'lpenwf kpi 'hkdtt { 'cpf 'kphqt o cvkqp'ugt xlegu. " d { 'gpj cpeki 'qr gtecvkpcn'gh'hekepe { . 'qr vko k kpi 'tguqwtg'o cpci go gpv.'cpf 'ko r tqxkpi 'wug'gpi ci go gpv'0' Vj ku'uwf { "gzi rqt gu'vj g'r gtegr vkpu"cpf "wktk cvkqp'qh'CK'vgej pqmji kgu'co qpi 'hkdtt { 'cpf 'kphqt o cvkqp' r tqhgukqpcn'0'K'lxguki cvgu'vj g'cy ctgpguu. 'cvkwf gu. 'cpf 'cf qr vkqp'rgxgn'qh'CK'vqnu'cpf "cr r nccvkpu" y kj k'vj g'hkdtt { "eqpvzv. 'hgewukpi "qp"j qy "vj gug'vej pqmji kgu'ctg'kpvgi tcvf "kpvq'fckn' 'cunu'uwej "cu" ecvni kpi. "encu'hecvkqp. "tghgt gpeg"ugt xlegu. "cpf "kphqt o cvkqp"tgvkxci'0'Vj g'uwf { "go r ni { u'c"o kz gf / o gj qf u" cr r tqcej. " wktk kpi " uwxg { u" cpf " kpvgt xkgy u" y kj " hkdtt { " r tqhgukqpcn' vq" cuuguu" vj gk " wpf gtucpf kpi "qh'CK'cpf "vj g'ej cmgi gu'vj g' "hceg'k'cf qr vkpi "vj gug'vej pqmji kgu'0'Hkpf kpi u'kpf kecv'c" i tqy kpi "kpvgt gu'k'CK'cr r nccvkpu. "dw'cnuq"j ki j rki j v'eqpegt pu'tgrv'gf "vq"nen'qh'vtckpkpi. "tguqwtg" eqpwtckpu. "cpf "vj g'r qv'pvcn'ko r cev'qp"lqd'ugevkt'0'Vj g'uwf { "eqpenwf gu'vj cv'y j krg'vj gt g'ku'c'r qukkxg" r gtegr vkqp'vq ctf u'CK'vj gt g'ku'c'pggf 'hqt'vcti vgf 'r tqhgukqpcn'f g'xgnr o gpv'r tqi tco u'vq'gpj cpeg'unkmu" cpf "eqphk' gpeg"kp" wukpi "CK'vqnu'0'Vj gug'kpu'ki j v'ctg'etwecn'ht" f g'xgnr kpi "u'vcvi kgu'vq" gh'gevkxgn' " ko r rgo gpv'CK'k' hkdtt lgu. "wko cvgn' "ko r tqxkpi 'ugt xleg'f g'kxgt { 'cpf 'wug'ucvuk'cvkqp'0'

**Keywords:** Ct vklecn' Kpvnki gpeg. " Nkdtct { " Kphqt o cvkqp" Rt qhgukqpcn. " Rtegr vkpu. " Vgej pqmji { " Cf qr vkp. " Kphqt o cvkqp" Ugt xlegu. " F ki kcn' Nkdtct lgu. " Rt qhgukqpcn' F g'xgnr o gpv. " CK' Vqnu. " Nkdtct { " Cwqo cvkqp. " O kz gf / O gj qf u' Tgugctej 0

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### COMPARATIVE ANALYSIS OF NEUTRON/GAMMA DISCRIMINATION METHODS USING SCINTILLATORS

*Imane AHNOUZ<sup>1</sup>, Hanan ARAHMANE<sup>2</sup>, Rajaa SEBIHI<sup>1</sup>*

<sup>3</sup>"O qj co o gf 'X'Wpkxgt ukf. 'lc ewnf 'qh'uekgpegu. 'Tcdc v: 'O qt qeeq"

<sup>4</sup>"Rct ku/Uc erc { 'Wpkxgt ukf. 'EGC. 'Nka: 'H/; 3342'Rcr: kugc w: 'Ht cpeg"

"

#### ABSTRACT

P gwtqp"ur gevto gt { "wkt kpi "uelvknvqp" f gvgevtu" j cu" dgeqo g" kpetgukpi n{ "r qr wxt "hqt "xctkqu" cr r necvapu. "kpenf kpi "pqp/r tqrkgtcvqp"cpf "o gf lecn'ko ci kpi 0'Vj gug" f gvgevtu"ctg" j ki j n{ "ghlekgpv"cv" f gvgevtu "pgwtqpu"cetqu" c'tcpi g'qh'gpgti lgu. "cpf "vj gk "tgrvkg"chqt fcdkx{ "cpf "uko r rg" f guki p" o cng" vj go "gcu{ "vq" o clpvkp"cpf "qr gtcv0J qy gxt. "f kvt kpi wkuj kpi "pgwtqpu"ht qo "cee qo r cp{ kpi "i co o c'tc{u" r t gupvu" c'uki plkecpvej cmgpi g0P gwtqp/i co o c" f kuetko kpcvqp"kp" o kz gf "tcf kcvqp" hgnf u" ku' r ctvewrt n{ " f hlew n" y kj " qti cple" uelvknvqtu' Vq" cfftgu" vj ku. " xctkqu" vej plsvgu" j cxg" dggp" r tqr qugf " vq" f hgt gpkv" pgwtqpu" ht qo " i co o c" tcf kcvqp' Vj ku" y qtm' t gxlgy u" pgwtqp/i co o c" f kuetko kpcvqp" o gj qf u" wukpi " f hgt gpv" v' r gu" qh' qti cple" uelvknvqtu" cpf " eqo r ctgu" vj gug" o gj qf u" dcugf " qp" vj gk" ceewtce{ " cpf " vj g" v' r g" qh' f gvgevtu" wugf 0' Cf f kxqpcm{. " r qvkvkn' tgeqo o gpf cvkpu" hqt " vj g" t guctej " eqo o wkv{ "ctg' r tqxkf gf 0'

**Keywords:** P gwtqp/i co o c" f kuetko kpcvqp." Ocej kpg" r gctpkpi." Rwnug" Uj cr g" f kuetko kpcvqp." Uelvknvqp" f gvgevtu

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SELECTED NANOTECHNOLOGIES AND NANOSTRUCTURES FOR DRUG DELIVERY, NANOMEDICINE, AND CURE

V.sandhiyar

Hcewn{ "qhRj cto ce{ . 'Dj ctcvj "Kpuakwg"qhJ ki j gt "Gf wecvkp"cpf "Tgugctej . 'Ej gppck0

#### ABSTRACT

P cpqvej pqmji { "j cu"go gti gf "cu"r tqo kulpi "hgrf"y kj "xcu'r qvqvcn'lp"vj g'f gxnqr o gpv'qh'kppqxcvxg" f twi "f grkxgt { "u{ ugo u. "pcpqo gf lekpg. "cpf" "vj gter gwle"kpvtxgpkpu0Vj ku"cdutcev"j ki j nki j w"ugrgevfg" pcpqvej pqmji kgu" cpf" "pcpquwewtgu" vj cv" j cxg" t g x n w k a p k g f " f t w i " f g r k x g t { " c p f " e q p t k d w e f " v q " c f x c p e g o g p w l p " p c p q o g f l e k p g " c p f " e w t g 0 H t u w l . " n r q u q o g u . " c " e n c u i " q h ' n r k f / d c u g f " p c p q u t w e w t g u . " j c x g " i c l p g f " e q p u k f g t c d r g " c w g p v k p " f w g " v q " v j g k t " c d k k v { " v q " g p e c r u w r e v g " c " y k f g " t c p i g " q h ' f t w i u . " k o r t a x k p i " v j g k t " u w c d k k v { . " u q n w d k k v { . " c p f " r j c t o c e q n k p g v e " r t q r g t v k u 0 N r q u q o c n l f t w i " f g r k x g t { " u { u g o u j " c x g l u j q y p " i t g e v " g h h e c e { " l p " g p j c p e k p i " v j g ' v j g t e r g w l e " k p f g z " q h ' x c t k q w l f t w i u . " k p e n f l p i " c p v l e c p e g t " c i g p w . " c p v k o l e t q d k e n . " c p f " c p v k l p h r c o o c v q t { " f t w i u 0 U g e q p f n l . " r q n { o g t l e " p c p q r c t v l e r g u " j c x g " g z j k d k g f " k o o g p u g " r q v g p v c n ' l p " v c t i g v g f " f t w i " f g r k x g t { 0 V j g u g " p c p q r c t v l e r g u " c t g v l r k e c m " e q o r q u g f " q h ' d k e q o r c v d r g " c p f " d k q f g i t c f c d r g " r q n { o g t u . " c m q y k p i " v j g " e q p t q m g f " t g r g c u g " q h ' f t w i u " c v " v j g " f g u k t g f " u k s g " q h ' c e v k p 0 V j g k t " u o c n l u k g " g " c p f " u w t h c e g " o q f l h e c v k p " e c r c d k k k g u " g p c d r g " u r g e k h e " v c t i g v k p i " q h ' f k u g c u g f " v k u u w g u . " t g f w e l p i " q h / v c t i g v " g h h e g u " c p f " g p j c p e k p i " v j g t e r g w l e " q w e q o g u 0 0 q t g x g t . " e c t d q p / d c u g f " p c p q o c v g t k e n . " u w e j " c u " e c t d q p " p c p q w d g u " c p f " i t e r j g p g . " j c x g " f g o q p u t c v g f " w p k s w g " r t q r g t v k u " h q t " f t w i " f g r k x g t { " c p f " p c p q o g f l e k p g 0 V j g u g " p c p q o c v g t k e n " r q u u g u l " j k i j " u w t h c e g " c t g c . " z e g e n g p v " o g e j c p l e c n i " u t g p i v j . " c p f " u w r g t k q t " g r e v t e c n i " e q p f w e v k k v { 0 V j g { " e c p " d g " h w p e v k p c r i k g f " v q " e c t t { " v j g t e r g w l e " r c { m c f u " c p f " f r e k r k c v g " v c t i g v g f " f t w i " f g r k x g t { . " y j k r g " c n q " g p c d r k p i " t g e n v k o g " o q p k q t k p i " c p f " k o c i k p i " q h " d k q m i k e c n i " r t q e g u g u 0 k p " c f f k k q p . " o g v e n l e " p c p q r c t v l e r g u . " u w e j " c u " i q r f " c p f " u k x g t " p c p q r c t v l e r g u . " j c x g l u j q y p " t g o c t n e d r g " r q v g p v c n l p " x c t k q w l " v j g t e r g w l e " c r r n e c v k p u 0 V j g k t " w p k s w g " q r v l e c n i " c p f " g r e v t q o c i p g v l e " r t q r g t v k u " j c x g " d g g p " j c t p g u u g f " h q t " k o c i k p i . " r j q v q j g t o c n l v j g t e r { . " c p f " v c t i g v g f " f t w i " f g r k x g t { 0 V j g u g " p c p q r c t v l e r g u " e c p " d g " h w p e v k p c r i k g f " y k j " u r g e k h e " r k i c p f u " v q " u g r g e v x g n l " v c t i g v " e c p e g t " e g m u " q t " f k u g c u g f " v k u u w g u . " r e c f k p i " v q " g p j c p e g f " v j g t e r g w l e " g h h e c e { 0 H w t v j g t o q t g . " u n k o w k t g u r q p u k x g " p c p q e c t t k g t u " j c x g " g o g t i g f " c u " c " r t q o k u l p i " c r r t q c e j " h q t " e q p t q m g f " f t w i " t g r g c u g 0 V j g u g " p c p q e c t t k g t u " e c p " t g u r q p f " v q " x c t k q w l " u n k o w k " u w e j " c u " r J . " v g o r g t c w t g . " r k i j v " q t " g p l { o g u . " v t k i i g t k p i " v j g " t g r g c u g " q h " g p e c r u w r e v g f " f t w i u " l p " c " e q p t q m g f " c p f " v c t i g v g f " o c p p g t 0 V j k u " u r c v k q v o r q t c n l e q p t q n l q x g t " f t w i " t g r g c u g " c m q y u " h q t " k o r t a x g f " v j g t e r g w l e " q w e q o g u " c p f " t g f w e g f " u { u g o l e " v q z l e k v { 0 Q x g t c m " v j g " u g r g e v g f " p c p q v e j p q m j i k g u " c p f " p c p q u t w e w t g u " f l u e w u u g f " l p " v j k u " c d u t c e v " f g o q p u t c v g " v j g k t " u k i p k h e c p v " r q v g p v c n l p " t g x n w k a p k k p i " f t w i " f g r k x g t { . " p c p q o g f l e k p g . " c p f " v j g t e r g w l e " k p v g t x g p k p u 0 E q p v k p w g f " c f x c p e g o g p w l p " v j g u g " c t g e u " j q r f " r t q o k u g " h q t " v j g " f g x g n r o g p v " q h " o q t g " g h h e v k x g " c p f " r g t u q p e r k g f " t g e v o g p w . " v n k o c v g n l " r e c f k p i " v q " k o r t a x g f " r c v k e p v " q w e q o g u " c p f " d g w g t " j g e n j e c t g " r t c e v l e g u 0

**KEYWORDS:** "P cpqvej pqmji { . "pcpquwewtgu. "Nr quqo c n l f t w i " f g r k x g t { . " r q n { o g t l e " p c p q r c t v l e r g u . " o g v e n l e " p c p q r c t v l e r g u "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### FUNDING STEM HIGHER EDUCATION IN THE 21 CENTURY: ADDRESSING CHALLENGES AND HARNESSING OPPORTUNITIES IN NIGERIA'S EDUCATIONAL LANDSCAPE

*Prof. Abubakar Sadiq Bappah*

*Hecwnt'qhvgej pqrqi { 'Gf wecvkap. 'Cdwadncnt 'Vchxy c 'Dcrgy c 'Wpkxgt ukv. 'Dcwej k'*

#### ABSTRACT

J ki j gt "Gf wecvkap" Kpukwkwkpu\*J GK+r n { "c" et weknt'qrg"lp" f tkxkpi "geqpqo le" vcpuhqto cvkap. "ecr cekv { "dwkf kpi ." cpf " uwuclpcdng" f gxgnr o gpv' y qtrf y kf g0 kP " P ki gt k. " J GK j cxg" dggp" kpwt wo gpvni' kp" o cpr qy gt "f gxgnr o gpv'ulpeg"3; 840J qy gxgt. "y j g { "pqy "hceg"uki phkecpv'ej cmgpi gu"kp"ko r ngo gpvki " UVGO " \*Uelkpeg. " Vgej pqrqi { ." Gpi kpggtkpi ." cpf " O cvj go cvku" gf wecvkapcni' tghqto u. " gzcegt dcvgf " d { " i nqdcn' vgej pqrqi lecn' f kur ctkkgu" cpf " geqpqo le" eqo r gvkxkp0Vj ku" r t gupvcvkap" gzt rgt gu" y j g" j kvqt lecn' gxnwkwkq'qh'gf wecvkap"lp" Chtk. "y kj "c" r ctvewrt' hqewu"qp" P ki gt k. "vq" eqpvz wcnk g' y j g' ewtt gpv' hwpf kpi " ej cmgpi gu' hceki " UVGO " r tqi tco u0F gur kv' y j g' tgeqi pk gf "ko r qt vpeg"qh'UVGO "gf wecvkap"lp" r tgr ct kpi " hwwt g" uelkpvku. " vgej pqrqi ku. " gpi kpggtu. " cpf " gf wecvqtu. " hwpf kpi " j cu" pqv' ngr v' r ceg" y kj " tkukpi " qr gcvkapcni' equu" cpf " kpet gcukpi " uwf gpv' gptqm gpv0 Vj ku" hwpf kpi " i cr " ku" gur gekm { " r tqpwpegf " kp" P ki gt k. " y j gt g" tcr k { " gzt cpukp" qh' J GK j cu" qeewt gf " y kj qw' cf gs wev' hkepceni' r ppkpi 0Y g' y km' gzco kpg" P ki gt k" u" hwpf kpi " utcvgi kgu" hqt " j ki j gt " gf wecvkap. " go r j cuk kpi " y j g" tqrg" qh' y j g" P cvkapcni' Wpkxgt ukv' Ego o kuukp" \*P WE + "kp" hkepceni' hgf gtcni' wpkxgt ukv' C f f kkpem { . " y ku" r t gupvcvkap" y km' f kwuu" kppqxcvkg" hwpf kpi " o gej cpkuo u" cpf " r tqrg" r gthqto cpeg/dcugf " hwpf kpi " hqt o wcu" cko gf " cv' gpj cpeki " hkepceni' uwuclpcdkk { " kp" P ki gt kcp" J GK0D { " c f f t gukpi " y j g" g' et kkecn' kuwgu. " y g" cko " vq" eqpvtdwv" vq" y j g" f kwqt ug" qp" ko r tqxkpi " UVGO " gf wecvkap" hwpf kpi " cpf " wko cvgn' " hquvgt kpi " c" o qt g" tqdwu' gf wecvkapcni' r p f uecr g' kp" P ki gt k0

J ki j gt "Gf wecvkap" Kpukwkwkpu\*J GK+ "ctg" r kxqcn' vq" geqpqo le" vcpuhqto cvkap. "ecr cekv { "dwkf kpi ." cpf " uwuclpcdng" f gxgnr o gpv' i nqdcn' 0Ukpeg" 3; 84. " P ki gt kcp" J GK j cxg" eqpvtdwv { " uki phkecpv { " vq" y j g" pcvkap" u" o cpr qy gt "f gxgnr o gpv0J qy gxgt. " y j g" g' "kpukwkwkpu" pqy "hceg" ej cmgpi gu" tgrcvgf " vq" UVGO " \*Uelkpeg. " Vgej pqrqi { ." Gpi kpggtkpi ." cpf " O cvj go cvku" gf wecvkapcni' tghqto u. " f tkxgp" d { " i nqdcn' vgej pqrqi lecn' f kur ctkk { " cpf " geqpqo le" eqo r gvkxkp0UVGO " gf wecvkap" ku" xkcn' hqt " cf gs wevgn' " r tgr ct kpi " r t g' ut xleg' uelkpvku. " vgej pqrqi ku. " gpi kpggtu. " cpf " gf wecvqtu" vq" o ggv' r tqhguakpni' f go cpf u' ghgevkgn' 0 kP " P ki gt k0 c " ewwntcm { " f kxgt ug' pcvkap0 vj g' P cvkapcni' Rqrk { " qp" Gf wecvkap" j cu" uqwi j v' vq" hquvgt " pcvkapcni' wpk { " y j kg' cf xcpkpi " gf wecvkapcni' hkegpe { 0F gur kv' y j g' et kkecn' t qrg" qh' UVGO " kp" f gxgnr o gpv. " hwpf kpi " hqt " j ki j gt " gf wecvkap" kp" P ki gt k" j cu" pqv' ngr v' r ceg" y kj " tkukpi " equu. " gzcegt dcvgf " d { " kpet gcugf " uwf gpv' gptqm gpv0 Vj ku" hwpf kpi " i cr " ku" r ctvewrt { " r tqpwpegf " kp" f gxgnr kpi " pcvkapu" rknq" P ki gt k. " y j gt g" gzt cpukp" kp" J GK j cu" qeewt gf " y kj qw' cf gs wev' hkepceni' r ppkpi 0Vj ku" r cr gt " gzt rgt gu" y j g' kvqt lecn' f gxgnr o gpv' qh' gf wecvkap" lp" Chtk. " y kj " c " hqewu" qp" P ki gt k. " vq" r tqxk g' eqpvz v' hqt " wpf gt ucpf kpi " ewtt gpv' hwpf kpi " ej cmgpi gu0 K' cnq" gzco kpgu" P ki gt k" u" cr r tqej gu" vq" j ki j gt " gf wecvkap" hwpf kpi . " r ctvewrt { " hqt " UVGO " r tqi tco u. " y kj " cp" go r j cuk kpi " y j g' tqrg" qh' y j g' P cvkapcni' Wpkxgt ukv' Ego o kuukp" \*P WE + "kp" hkepceni' hgf gtcni' wpkxgt ukv' Hkpcni' . " y g' r cr gt " f kwuu" xct kqu" hwpf kpi " o gej cpkuo u" cpf " r tqrgu" r gthqto cpeg/dcugf " hwpf kpi " hqt o wcu" vq" ko r tqxg' hkepceni' uwuclpcdkk { " kp" P ki gt kcp" J GK0

J ki j gt "Gf wecvkap" Kpukwkwkpu\*J GK+ "cm' qxgt" y j g' y qtrf " ctg" tgeqi pk gf " cu" y j g' gpi kpgu" qh' geqpqo le" vcpuhqto cvkap. " j wo cp' ecr cekv { "dwkf kpi " cpf " uwuclpcdng" pcvkapcni' f gxgnr o gpv0P ki gt kcp" J GK vq' c' rti g" gzvgn. " j cxg" r n { gf " y j g" t qrgu" qh' r tqxk kpi " y j g" tgs wkt gf " o cpr qy gt " pggf u" hqt " y j g" uwuclpcdng" f gxgnr o gpv' qh' y j g' eqwv { " ulpeg" 3; 840J qy gxgt. " y ku" pqdnq' eqpvtdwv " ku" utg kquw { " dgkpi " ej cmgpi gf " d { " y j g' t gpf kpi " UVGO " gf wecvkapcni' tghqto " vq" eqrg' y j g' y j g' kpvt y kpgf " wphk" geqpqo le" eqo r gvkxgpkuu" cpf " i nqdcn' vgej pqrqi lecn' f kxf g0 UVGO " Gf wecvkap" cko u" vq" gpuw" y j cv' r t g' ut xleg' uelkpvku. "

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vej pqmı ku. "gpi kpggtu"cpf "vcej gtu"ctg"cf gs wevgn "kphqto gf. "r tgr ctgf "cpf "gs wkr r gf "hqt "f grkxgt kpi " vj gk "r tqhgaukqpcn"hgfn u"kp"cp"ghhlekpv"cpf "t guwn"qt kpvvgf "o cppgt 0F vq"vj g"j gvgqi gpgqwu"pcwtg"qh" vj g"eqwpt { . "vj g" P cvkqpcn"Rqrle { "qp"Gf wecvkqp"y cu"i gctgf "vqy ctf u"pcvqpcn"wpkx { "cpf "pcvqpcn"ghhlekpe { " clo gf "cv"rtqo qvki "qt"cej lqxkpi "c"ejj gukqp"dgw ggp"vj g"ewmwtcmf "f kxgti gpv"gyj ple"pcvqpcn"kgu"kp"vj g" eqwpt { (UVGO "Gf wecvkqp. "kp"r ctvewrt. "clo u"vq"vclp"r t g/ugt xleg"belgpku. "vej pqmı ku. "gpi kpggtu"cpf " vcej gtu"ctg"cf gs wevgn "kphqto gf. "r tgr ctgf "cpf "gs wkr r gf "hqt "f grkxgt kpi "vj gk "r tqhgaukqpcn"hgfn u"kp"cp" ghhlekpv"cpf "t guwn"qt kpvvgf "o cppgt 0Vq"vj ku"ghgev. "c"uqrf "gf wecvkqpcn"u{ vgo "ku"cp"geqpqo le "pgeguukx { " vq"vclp"s wcn"hgfn "r tqhgaukqpcn"vq"ur gctj gcf "vj g"lpet gcugf "r tqf wevwxkx { "pggf gf "hqt "ceegrt cvgf "geqpqo le" f gxgnr o gpv"gur gekm { "kp" c "f gxgnr kpi "eqwpt { "rknng" P ki gtlc 0Vj ku"uj km" dtqwi j "cdqw"r j gpqo gpcn" ej cpi gu"dqvj "Itqo "vj g" f gxgnr gf "cpf "vj g" f gxgnr kpi "geqpqo kgu"cu"vj g" equv"qh"wpkxgtukx { "gf wecvkqp"j cu" t kugp"vpr t gegf gpvgn { "y kj qww" c "eqtt gur qpf kpi "lpet gcug"kp"vj g"cmqecvqpu"vq"vj g"wpkxgtukx"y j lej "ecp" dg" cwtkdwgf "vq" vj g" tgegpv" wr uwti g" kp" uwf gpv" gptqmo gpvu" kpq" vj g" J GKU Uvej "ej cpi gu" ctg" o qt g" f kuwtdkpi "kp"vj g" f gxgnr kpi "pcvqpu. "gur gekm { "kp" Chtlec. "y j gt g"vj gt g"ku"pq"cf gs wevgn" r rppkpi "hqt" uvej " cp"gzr cpukqp 0Vj g"r cr gt "j ki j rki j u"qp"vj g"j kuvtlecnf gxgnr o gpv"qh"gf wecvkqp"kp" Chtlec"kp"i gpgtcn"cpf " P ki gtlc"kp"r ctvewrt. "y kj "c" xkgy "vq"rc { kpi "c"uqrf "hqwpf cvkqp" hqt "vj g" uwf { 0K"y kni"cnuq"r t gugpv" c" f kuewuukp"qp" P ki gtlc"cu"gf wecvkqp" hwpf kpi "cr r tqcej gu"kp"i gpgtcn"cpf "UVGO "j ki j gt "gf wecvkqp" hwpf kpi " kp"r ctvewrt"y kj "ur gekn"go r j cuku"qp"vj g"t qng"qh"vj g" P WE "kp" hwpf kpi "vj g" Hgf gtcn" Wpkxgtukx 0Ncuw { . " vj g"r cr gt "f kuewuugu"vj g" xctkqu"J ki j gt "Gf wecvkqp" hwpf kpi "o gej cpkuo u"cpf "vj g" o qu"cr r tqf tlcvg"y c { u" qh"ej qqkpi "c" uwkcdng" hwpf kpi "hqt o wre"dcugf "qp" ucvp ctf "r gt hqt o cpeg" kpf lecvtu 0'

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### HEPATO TOXICOLOGICAL EFFECT OF KRISHAT™ ON LIVER OF MALE ALBINO RATS

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<sup>1</sup>*AbdulFatai Sodiq Folorunsho*

<sup>3</sup>*Wpkxgt ukx' qh'Kqkt kp. 'Hcewnx' qh'Nkg' Uekgpegu. 'F gr ct w gpv' qh' Dkqej go knt { . 'Kqkt kp. 'P ki gt kcO'*

<sup>4</sup>*AbdulKabir AbdulQuadri Ola*

<sup>4</sup>*Wpkxgt ukx' qh'Kqkt kp. 'Hcewnx' qh'Nkg' Uekgpegu. 'F gr ct w gpv' qh' Dkqej go knt { . 'Kqkt kp. 'P ki gt kcO'*

<sup>5</sup>*Abdullahi Aminat Titilope*

<sup>5</sup>*Wpkxgt ukx' qh'Kqkt kp. 'Hcewnx' qh'Nkg' Uekgpegu. 'F gr ct w gpv' qh' Dkqej go knt { . 'Kqkt kp. 'P ki gt kcO'*

<sup>6</sup>*Aboyeji Kafayat Olamide*

<sup>6</sup>*Wpkxgt ukx' qh'Kqkt kp. 'Hcewnx' qh'Nkg' Uekgpegu. 'F gr ct w gpv' qh' Dkqej go knt { . 'Kqkt kp. 'P ki gt kcO'*

<sup>7</sup>*Abolaji Sheriff Ayomide*

<sup>7</sup>*Wpkxgt ukx' qh'Kqkt kp. 'Hcewnx' qh'Nkg' Uekgpegu. 'F gr ct w gpv' qh' Dkqej go knt { . 'Kqkt kp. 'P ki gt kcO'*

<sup>8</sup>*Abdullahi Selimat Nnakobaba*

<sup>8</sup>*Wpkxgt ukx' qh'Kqkt kp. 'Hcewnx' qh'Nkg' Uekgpegu. 'F gr ct w gpv' qh' Dkqej go knt { . 'Kqkt kp. 'P ki gt kcO'*

<sup>9</sup>*Abdur Rauf Masruroh Abisola*

<sup>9</sup>*Wpkxgt ukx' qh'Kqkt kp. 'Hcewnx' qh'Nkg' Uekgpegu. 'F gr ct w gpv' qh' Dkqej go knt { . 'Kqkt kp. 'P ki gt kcO'*

<sup>10</sup>*Abbas Abdul Oluwafemk'*

<sup>10</sup>*Wpkxgt ukx' qh'Kqkt kp. 'Hcewnx' qh'Nkg' Uekgpegu. 'F gr ct w gpv' qh' Dkqej go knt { . 'Kqkt kp. 'P ki gt kcO'*

<sup>11</sup>*Abiona Yusuff Agboola*

<sup>11</sup>*Wpkxgt ukx' qh'Kqkt kp. 'Hcewnx' qh'Nkg' Uekgpegu. 'F gr ct w gpv' qh' Dkqej go knt { . 'Kqkt kp. 'P ki gt kcO'*

<sup>12</sup>*AbdulKareem Taoheedah Kehinde*

<sup>12</sup>*Wpkxgt ukx' qh'Kqkt kp. 'Hcewnx' qh'Nkg' Uekgpegu. 'F gr ct w gpv' qh' Dkqej go knt { . 'Kqkt kp. 'P ki gt kcO'*

#### ABSTRACT

Vj g'c'ko 'qh'v'j ku'uwf { 'ku'v'q' lpxguxi cvg'v'j g'v'z'lek'v' { 'qh'q't'c'f' o l'p'k'ut'c'v'k'p' qh'c'p'v'ko c'v'c't'k'c'f' t'w' i' \*M'k'uj' c'v' + ' q'p'v'j g'v'k'x'g't' qh'o' c'v'g'c'v'k'p'q' t'c'w'0'v'j k'v' { \*52+'c'v'k'p'q' t'c'w' \*T'c'w'u'p'q'x'g't' i' k'w'u'+y' g't'g't'c'p'f' q'o' n' 'f'k'k'f' g'f' 'l'p'v'q' ukz' i' t'q'w' u' \*C/H+'q'h'k'x'g'c'p'k'o' c'u'g'c'ej' 0'v'j' g'v'g'u'v' i' t'q'w' u' y' g't'g'q't'c'm' { 'c'f' o' l'p'k'v'g't' g'f' 'h'q't' '4: 'e'q'p'u'g'e'w'k'x'g'f' c' { u' y' k'j' 'f' q'u'c'i' g'q'h'3'0. '4'0. '6'0. ': 0'c'p'f' '38' o' i' l'ni' 'q'h' 'M'k'uj' c'v'0' "h'q't' " i' t'q'w' u' \*D/H+'t'g'u'r' g'e'v'k'x'g'n' . "y' j' k'g'v'j' g' e'q'p't'q'n'i' t'q'w' 't'c'w' y' g't'g'c'f' o' l'p'k'v'g't' g'f' 'y' k'j' '2'0' o' n'q'h'f' k'v'k'v'g'f' 'y' c'v'g't'0'c'v'j' g'g'p'f' 'q'h'v'j' g'g'z'r' g't'k'o' g'p'v'e'r'i'l' g't'k'q'f' . " v'j' g'c'p'k'o' c'u' y' g't'g' 'u'c'e't'k'h'k'g'f' 'w'uk'p'i' 'f' k'g'y' { n'g'y' g't'c'p'g'u'j' g'uk'c'c'p'f' 'v'j' g'y' g'k'i' j' w' 'q'h'v'j' g'g't'i' c'p' \*k'x'g't' +y' c'u'f' w'v' { ' p'q'v'g'f' 0'c'h'g't' 'u'c'e't'k'h'k'p'i' 'v'j' g't'c'w' 'v'j' g'c'e'v'k'k'k'g'u'q'h'c'r'e'p'l'p'g'v't'c'p'u'c'o' l'p'c'ug' \*CNV+'c'p'f' 'c'u'r'c't'c'v'g'v't'c'p'u'c'o' l'p'c'ug' \*CUV+'y' g't'g'f' w'v' { ' g'v'k'o' c'v'g'f' 0'v'j' g'c'e'v'k'k'k'g'u'q'h' 'd'q'v'j' "CNV" c'p'f' "CUV" q'p' 'u'g't'w'o' "c'p'f' "k'x'g't' "f'q' "p'q'v' 'u'j' q'y' " u'k'i' p'h'k'c'p'v'f' k'h'g't' g'p'eg' "y' j' g'p' "e'q'o' r'c't'g'f' "v'q' "v'j' c'v' 'q'h'v'j' g' "e'q'p't'q'r'0'v'j' k'u' "e'q'w'f' "u'w'i' i' g'u'v' 'v'j' c'v' 'v'j' g' "m'p'i' "v'g't'o' " c'f' o' l'p'k'v'c'v'k'p'q' h'v'j' g'c'p'v'k'o' c'v'c't'k'c'f' t'w' i' \*M'k'uj' c'v' + 'f' q'g'u'p'q'v'j' c'x'g'c' "u'k'i' p'h'k'c'p'v'g'h'g'e'v'q'p'v'j' g'v'k'x'g't' "q'h'v'j' g' t'c'w'0'v'j' g't'g'h'q't'g' "v'j' g'f't'w'i' "e'q'w'f' "d'g' 'u'w'i' i' g'u'v'g'f' "v'q' "d'g' 'u'c'h'g'c'u'c'p'c'p'v'k'o' c'v'c't'k'c'f'v'j' g't'g'e'q'o' o' g'p'f' g'f' "f' q'u'g'0'

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#### PECULIAR TRAPPING BEHAVIOR OF POROUS ORGANIC NANOCAGE CC1 TOWARDS H<sub>2</sub>S, SF<sub>6</sub>, SF<sub>4</sub>, SOCL<sub>2</sub> AND SO<sub>2</sub>; A DFT PERSPECTIVE

Sadia Rani<sup>a,b</sup>, Samina Aslam<sup>a\*</sup>, Riaz Hussain<sup>b</sup>,

<sup>c</sup>Fgrctwo gpv'qhl'Ej go kmt { . 'Vj g'Y qo gp'Wplxgt ukf 'O wncp. 'O wncp82222. 'Renkucp''

<sup>d</sup>Fgrctwo gpv'qhl'Ej go kmt { . 'F kxkukqp'qhl'Uekpeg'cpf 'Vgej pqrqi { . 'Wplxgt ukf 'qhl'Gf wecvkqp'Ncj qt g. 'FO' I 0Mj cp'Eco rwu. 'F gtc' I j c/KMj cp. '54422. 'Renkucp''

"

#### ABSTRACT

Vj g'ewtt gpv'uwf { "gzz rqt gu'vj g'tcr r lpi "qh'j cto hwi' i cugu'wulpi 'r qtqwu'qti cple'eci g'EE3. "c"eqxcrgpvw{ "dqwpf "ko kpg"eci g'y kj "ceeguukdng" xqkf u0' Wulpi "Y D; 9ZF 18/533I \*f. "r + 'vj gqt { "ngxgn" vj g'tugcte j "eqo r wgu'EE3"cpf "ku'eqo r ngz gu'y kj "r qmwcpw'rkng"J 4U."UH<sub>6</sub>. "UH<sub>6</sub>. "UQEn. "cpf "UQ4'OF QU"cpf "HO Q" cpcn{ ugu' ctg" r gthqto gf "cv' F HVI" D5N[ R18/533I \*f. "r + 'vj gqt gvecl' ngxgr0' k'pvtcevkqp" gpgti { . "PEK' S VCIO. "GF F. "P DQ. "ej cti g'fkuqekcvkqp. "HO Q. "F QU. "cpf "O GR'uwf lgu'r tqxkf g'c'f gvcxkf "kpu'ki j v'kpvq" vj g'cpcn{ vguB EE3'eqo r ngzcvkqp0'k'pvtcevkqp"gpgti lgu'\*/606; "vq'2056'gX+'uj qy 'lwtqpi 'tcr r lpi "qh'UQEn" cpf "UH<sub>6</sub>"y j kng. "urki j v'tcr r lpi "qh'J 4U'y kj k'p'vj g'ecxkv{ "qh'EE30'Vj gto qf { pco le"r ctco gvtu'eqpho " vj gug'hkpf lpi u0'cpcn{ ugu' \*PEK'S VCIO +k'p'f lecvg'lwtqpi 'pqp/eqxcrgpv'k'pvtcevkqpu. "gur gekm{ 'hqt'UQEn" cpf "UH<sub>6</sub>OP DQ" cpcn{ uku'tgxgcn'ej cti g'tcpuhgt 'ht qo "cpcn{ vgu'vq'vj g'eci g. "gzegr v'ht'J 4U'GF F" cpcn{ uku' ku'cnq"ko r ngo gpvgf "vq" xgtkh{ "P DQ"ej cti g'tcpuhgt0'Vj ku'uwf { "j ki j rki j wu'EE3)u'r gewkct "tcr r lpi " dgj cxkqwt 'hqt'vj g'eqpukf gt gf "cpcn{ vgu0'

"



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#### A DETAILED REVIEW OF ITS PHARMACOGNOSY, PHYTOCHEMISTRY, AND MEDICINAL PROPERTIES OF GUAVA OIL

Jayashree S<sup>1</sup>, Dr. V. Rakshana<sup>2</sup>, Dr. R. Srinivasan<sup>3</sup>

*5<sup>Tj</sup> "f gct "d0rj cto "Umf gpw"3".Cuukwcpv'Rt qlguuqt "4".F gcp"5"*

*Hcewnf "qhr'j cto ce{ ".Dj ct cvj 'kpuakwg'qhf ki j gt 'gf wecvkp"cpf 't gugct ej ".ej gppck'.Vco kpcf w.kpf kcp0'*

#### ABSTRACT

I wxc"qln"gzvcevgf "ltqo "vj g"uggf u"qh'Rukf kwo "i wclxc."ku"mpqy p"ht"ku"y kf g"t cpi g"qh"vj gtr gwle" dgpghku0Tlej "kp"wpucwtevgf "hw"cekf u."cpvkz kf cpw."vtkgtr gpgu."cpf "r qnr j gpqrk"eqo r qwpf u."vj g" qkru"o gf lekpcnr tqr gt vku"ct g"uwr r qt vgf "d{ "ku"fxgtug"ej go kcn'eqo r quksqp0I wxc"qkl'ku"qdvkpgf "d{ " eqrf "r tguakpi "vj g"uggf u."t guwmpki "kp"ci "ki j v{ gmny . "o kf /uegpvgf "qkl'vj cv'eqpvkpu"uki pkk'ecpv'co qwpv'qh" rkpqrk"cekf "qo gi c/8+."qrk"cekf "qo gi c/; +."cm kle"cekf . "cpf "vtkgtr gpgu"uwej "cu"wt uqrk"cpf "qrgcpqrk" cekf 0Vj gug"eqo r qpgpv"eqpvtkdwg"v"ku"xctkpw"j gcnj "dgpghku0Vj g"qkru"j ki j "rgxgu"qh"rkpqrk"cekf " cpf "qrk"cekf "qhr"cpvk'kphrc o o cvqt { " ghgew. "y j kg" cpvkz kf cpw" rkg" hrcxqpqkf u" \*gd 0" s wtegvk. " nrgo r hgt qn"cpf "r j gpqrk"eqo r qwpf u" \*gd 0" i cmle"cekf +r tqvev'ci ckpuv'z kf cv'xg'f co ci g. "o cmki "i wxc" qkl'wughwihqt "unp"j gcnj 0Vtkgtr gpgu'kp"vj g"qkl'hw"j gt "gpj cpeg'ku"cpvk'kphrc o o cvqt { . "cpvko letqdkn"cpf " cpv'ecpegt "cev'xk'ku0I wxc"qkl'j cu"dggp"vcf kkpqcm{ "wugf "ht"v'gcvkpi "kphrc o o cvkp. "unp" kphgevkpu. " cpf " cepg. " cu" y gm' cu" r tqo qvpi " y qwpf " j gcrki " d{ " uqvy kpi " ktkcvkp" cpf " uwr r qt vki " vkuwg" tgi gpgtcvkp0 wxc"qkl'cmq"j qrf u'r tqo kug'ht"ectf kqxcuewrt "j gcnj . "y kj "gxkf gpeg"uwi i guvki "vj cv'ku" hw"cekf u"j gr "ko r tqxg"ej qrguvtqnr r tqh'ku"cpf "tgf weg"j gctv'f kugcug"tkun0'ku"r qv'pv'kcn'cpv'ecpegt" r tqr gt vku. "cwtkdwgf "v"vtkgtr gpgu. "kpf kec'v'k'o c{ "kpj kdk'ecpegt"egm'i tqy vj 0Cf f kkpqcm{ . "i wxc"qkl' j cu"dggp"wugf "v"v'gcv'f ki guv'xg'kuwgu"uwej "cu"f kcttj gc. "cnj qwi j "o qt g't gugctej "ku"pggf gf "kp"vj ku'ct gc0k" eqpenwukp. "i wxc"qkl'qh'htu" c" dtqc{ "ur gevwo "qh"o gf lekpcn' dgpghku. "kpenw'kpi "cpvk'kphrc o o cvqt { . " cpvkz kf cpw."cpvko letqdkn"cpf "cpv'ecpegt "ghgew0Y j kg"hw"j gt "uwf kgu"ct g't gs vkt gf "v"hw" "guv'ckuj " ku"enk'lecn'gh'lece{ . "i wxc"qkl'uj qy u'i tgcv'r tqo kug'cu" c"pcw'cn'tgo gf { "ht"unp"ectg. "j gctv'j gcnj . "cpf " ej tqple" f kugcug"o cpei go gpv0'

**Key words** <I wxc"qkl'.cpvkz kf cpw'rkpqrk"cekf u.qrk"cekf .hrcxqpqkf u.vtkgtr gpgu."cpvk'kphrc o o cvqt { . " cpv'ecpegt.unp"ectg0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EFFECTS OF SELF-INSTRUCTIONAL MULTIMEDIA PACKAGE ON STUDENTS' ACADEMIC PERFORMANCE IN METALWORK TECHNOLOGY EDUCATION PROGRAMME IN THE 21<sup>ST</sup> CENTURY IN TERTIARY INSTITUTIONS IN RIVERS STATE

AJIE, Prince Maduabuchukwu (Ph.D.) & OJOBAN, Lucky (Ph.D)

*F gr ct wo gpv'qh'O gvcny qt n'Vgej pqm { . 'Uej qqr'qh'Vgej plecn'Gf wecvkqp. 'Hgf gt cn'Eqmgi g'qh'Gf wecvkqp' \*Vgej plecn'Qo qmw: 'Tlxgtu'Ucvg. 'Pki g'kc0'*

#### ABSTRACT

Vj g" uwf { " lpxgwki cvgf " ghhev' qh" ugrh/kputwevkapcn' o wko gf kc" r cenai g" qp" uwf gpwø' cecf go le" r gthqto cpeg"kp"o gvcny qt n'Vgej pqm { "gf wecvkqp"r tqi tco o g"kp"vj g"43<sup>um</sup>egpwt { "kp"vgt vkt { "kpukwkqpu" kp"Txgtu'Ucvg'0'C"swuk/gzr gt lo gpvcnf guki p"i wk gf "y g'uwf { 0'Vj g'r qr wecvkqp"qh'vj g'uwf { "eqo r tkugf " 3; : [ gct "KKK"o gvcny qt n'uwf gpw'kp"vj g'vj tgg'vgt vkt { "kpukwkqpu"kp"Txgtu'Ucvg"vj cv'qthgt "O gvcny qt n' vgej pqm { 0' [ gct "KKK"uwf gpw"y kj "c" r qr wecvkqp"qh'8; "y cu"ugrgev'0'Vy q"tgugctej "s wgwvkapu"cpf " j { r qvj guguy gt g'cpuy gt gf "cpf "vguvf "cv'07"rgxgn'qh'uki p'k'ecpeg'0'Vj g'tgugctej gt "eqmgev' "f cv' hqt "vj g" uwf { "wulpi "vgej gt "o cf g"vgu'0'Vj g"kpwt wo gpv"y cu"xcif cvgf "d { "vy q"ngewt gu"kp"vj g" f gr ct wo gpv'qh' k'f wut kn'Vgej plecn'Gf wecvkqp. "K pcvku'Clwt w'Wpkxgtuk { "qh'Gf wecvkqp. "Rqt v'J cteqwt v'0'Vj g'tgrkdktv { " qh'vj g"kpwt wo gpv"y cu"guvdrkj gf "wulpi "vgu'tg/vgu"o gvj qf 0'Vj g" f cv'cej kxgf "y gt g'cpcn { gf "y kj " RRO E0'Vj g"eqgh'ekgpv'cej kxgf "y cu"0 60'Cpcn { uku"qh'E qxct kpeg "CPEQXC+"ucvku'eu"y gt g"wgf "vq" vgu"vj g"j { r qvj guguy cv'07"rgxgn'qh'uki p'k'ecpeg'0'Dcugf "qp"vj g"kp'f kpi u'qh'vj g'uwf { . "k'y cu"eqpenwf gf " vj cv'zr gt lo gpvcn'i tqwr "vcw j v'y kj "ugr/kputwevkapcn' o wko gf kc" r cenai g" r gthqto gf "dgwgt "vj cp"vj g" eqpvt qn'i tqwr "vcw j v'y kj "y j kgdqctf 0'K'y cu'tgeqo o gpf gf "vj cv'i qxgtpo gpv'uj qwf "vtclp"vgej gt u"qp" j qy "vq" f gxgnr "cpf "vug"ugr/kputwevkapcn' o wko gf kc"kp"cf f k'kqp"vq"y j kv"dqctf "vgej kpi "o gvj qf "ukpeg" k'j cu'r tqxgp"vq"dg"ghhev'kxg0

**Keywords:** "Ugrh/kputwevkap. "O wko gf kc" Rcenai g" Cecf go le" Rgthqto cpeg. "O gvcny qt n'Vgej pqm { " Gf wecvkqp. "43<sup>um</sup>Egpwt { "

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### THE "FLOWER BOMB" FROM PAKISTAN "PASOORI" AND THE CHOREOGRAPHERS' AND DANCERS' RESPONSE TO THIS "WEAPON" – CONTENT AND SENTIMENT ANALYSIS OF THE DANCE COVERS. SOME TRENDS AND PSYCHOLOGICAL NOTES

Andrey Popatanasov<sup>1</sup>, Elitsa Petrova<sup>2</sup>, Mona Kaushik<sup>2,3</sup>

<sup>3</sup>Корнакшг"қһП гвт қдқрқи { .Дәи сҗкп"Сесҗ го { "қһУекпегу."Уқһк."Дәи сҗк"

<sup>4</sup>Һсәәә"қһЕрсуексн"сҗп"О қғ гҗп"Рҗ һқрқи { ."Уқһк"Ұпкхгҗ уқә. "Уқһк."Дәи сҗк"

<sup>5</sup>Е гҗвгт"қһГсәгҗп"рҗпәи вәи гу"сҗп"Е әәәә гу."Уқһк"Ұпкхгҗ уқә. "Уқһк."Дәи сҗк"

#### ABSTRACT

Vj g'kpf kcp'uwdeqpvkpgpv'y cu'j quv'q'uo g'qh'y g'qnf gu'ekxkkk cvkpu'hpqy p'v'j g'uelgpeg'gur gekm' 'y g' kpf wu'xcng' { 'y kj 'rcti g'r ctv'uecvgf 'kp'ewttgpn'Rcnkucp.'y j lej 'ku'r tgo kug'hqt 'chnwgpv'ewwntcn'j gt kci g'O J qy gxgt 'y g'rcpf u'qh'Rcnkucp'y gt g'r ctv'qh'y g'eqmp { 'Dtkkuj 'Tcl'eqvtqngf 'd { 'y g'Dtkkuj 'Go r ktgOVj g' vtqwdrguo g'fkkukqp'qh'y g'Dtkkuj 'Tcl'd { 'y g'Dtkkuj 'grks'etgecvf 'pgy 'eqwptlgu'cu'Rcnkucp'cpf 'kpf lc' cpf 'gtekvgf' 'o cp { 'eqpvkpwqu'tgi kqpcn'eqphleu.'vypukpu'cpf 'y ctu'y kj 'o knkqpu'ecuwnku.'f gcv'j u'cpf' 'uj cvwtgf 'hkguOVj g'Rcnkucpk'Shny gt/dqo d\$Rcuqqt'ky cu'etgecvf 'kp'lwej 'j ctuj 'cvo qur j gt g'cu'j ctdkpi gt' hqt'ej cpi g'cpf 'wplv' 'o'c' uqpi 'qh'tqwdrguo g'nxg'kp'vtqwdrguo g'rcpf OQp'v'j g'kpf kcp'uwdeqpvkpgpv'y g' ctvku'vko g'cpf 'ci clp'wug'y g'nxg'cpf 'y g'hny gtu'cu'Sy gcr qpu's'o'y g'ecp'tgecn'cdqw'y g'kpf kcp'o gi cј k' f tco c'o qxkg' 'O qj cddcvk'p.'y j lej 'gxgp'vqf c { 'dtkpi u'r qukkxg'ko r ceu'cpf 'ej cpi gu'qh'y g'j wo cp'hkguO' Hqt'uwg.'y ku'Rcnkucpk'Shny gt/dqo d\$'etgecvf 'r qy gthw'y qtrf y kf g'ko r cev'cu'uj qy p'd { 'o cp { 'ej ctuO' kpf ggf 'y g'Shny gt/dqo d\$Rcuqqt'kuo cuj gf 'ugxgtcn'tgeqtf u'hqt' r qr wctk'v' .xktckv' { 'cpf 'cr r tgecvkqp'qp' pcvkqpcn'cpf 'i mqdcn'uecngO'

Kp'y g'ewttgpn'uwf { 'y g'cwj qtu'cko gf 'v'kpxguki cvg'cpf 'cpcn' { g'wulpi 'eqvpgpv'dcugf' cpf 'P NR'o gvj qf u' y g'etgecvxg'tgur qpug'vqy ctf u'y g'Rcnkucpk'Shny gt/dqo d\$'d { 'y g'r tqhgukqpcn'cpf 'y g'gpvj wukusu'kp' y g'f cpekp'i 'ctu'cpf 'y g'tgecvkqp'cpf 'cr r tgecvkqp'd { 'y g'i gpgt'cn'cfw kgpeg'v'v'j gkt'etgecvkpu'qxgt 'qpg'qh' y g'ngcf kpi 'y qtrf y kf g'uekcn'e { dgt'r r vhtqto u'/' [ qwVwdgO'

Vj g'kpxguki cvkqp'cpf 'cpcn'uku'qh'y g'ctvku'v'cpf 'gpvj wukusu'etgecvxg'tgur qpugu'hqwpf 'y cv'v'j ku'Shny gt/dqo d\$'r tqxqngf 'ko r tguukxg'pgy 'ctvy qtmu'cpf 'etgecvkpu'ugr r kpi 'qp'ku's wkpvguugpeg.' { gv'cv'v'j g'uco g' vko g'gptlej gf 'y kj 'pgy 'ewwntcn'grgo gpw'cpf 'o guuci guOVj g'cpcn'uku'qh'y g'cw'kgpeg'tgecvkpu'cpf ' cr r tgecvkqp'uj qy gf 'reepk'ecm' { 'y cv'v'j g'r qy gt 'qh'nxg'cpf 'dgcw' { 'ecp'eqo dc'v'cpf 'dtkf ng'y g'nxg'qh' r qy gt 'cpf 'fkkukqpO''

**Key words:** 'ej qtgqi tcr j { . 'f cpeg'eqxgt. 'eqvpgpv'cpcn' uku. 'ugpvko gpv'cpcn' uku. 'uekcn'o gf lc. ' [ qwVwdg. ' RcnkucpO'

"

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DESIGN AND DEVELOPMENT OF A NON INVASIVE GLUCOMETER PROTOTYPE BASED ON A 950 NM LED

*Mekkakia-Maaza Nasreddine, Abi-Ayad Abderrahmene Yacine.*

*NO UG. "O ket quf uwo u'cpf "Go dgf gf "Uf uwo u'Ncdqt cvqt {."*

*Wpkxgt ukaf "qh'Uekgpeg'cpf "Vgej pqmji { "qh'Qt cp "O qj co gf "Dqwf kch"*

*DR3727 "Gn'Opqwg. "53222. "Qt cp. "Cri gt k0"*

#### ABSTRACT

Vj g'i tgcvf gxnqr o gpv'qh'go dgf gf "u{ uwo u'cpf "uo ct'vf gxlegu. "j cu'kptqf wegf "vj gug'u{ uwo u'kpv'vj g' o gf kecn'hkgr "vq"ko r tqxg'r cvkpv'ectg'cpf "cmjy "vj g'o qpkqt kpi "cpf "eqpvkpwu"eqmgev'kq"qh'xctkquw' r j { ukmji kecn'uki pcnu'wej "cu'Rgt kr j gtcn'qz { i gp'ucwctv'kq" \*Ur Q4+ "r j qvqr ngj { uo qi ter j { "RRI " +uki pcn' cpf "vgo r gtcwtg. "cpf "vj gp'ugpf "qt "uvtg'vj go "vq"j gr "f qevtu"o cmg"c"r tgxgpv'kxg" f kci pquku"cpf "dgwgt" o qpkqt "vj g'r tqi tguu'qh'ej tqple "f kugcugu. "qt "y ctp "vj g'r gtuqp "kp"ecug'qh'et'k'kecn'u{ o r vqo u0'

F kcdggu'ku"e'ej tqple "f kugcug'ecwugf "d { "vj g'dqf { "u'kpcdkk'vq"j cpf ng'kpuwkp0K'ku'e'j ctcevgt k' gf "d { "j k' j " dmqqf "i nweqg'ngxgn0Ceeqtf kpi "vq"vj g'i nqdcnr' tgxcngpeg'qh'f kcdggu. "759"o kntkp'r gqr ng'ewt'gpv' "uwhgt" ht qo "vj ku'f kugcug'cpf "vj ku'pwo dgt "ku'gzr gev'gf "vq"tgcj "865"o kntkp'd { "42520"

Cv'r t'gugpv. "vj g't ku'pq'ewt g0T gi wrt "dmqqf "i nweqg'o qpkqt kpi "ku'pgegu'ct { "vq"nggr "dmqqf "i nweqg'ngxgn' y k'j k'p'vj g'pqto cni'cpi g'cpf "ku'vj g'qpn' "y c { "vq"cxqkf "eqo r n'ec'v'k'pu'wej "cu'ut'qng. "j gct'v'k'k'w'g'qt "g { g' f kugcug0"

P qy cf c { u. "o gf kecn'f gxlegu"vq"o qpkqt "dmqqf "i nweqg'ctg'kpxcukxg"cpf "kpxqkxg"v'cn'kpi "dmqqf "ht qo "vj g' h'kpi gt. "y j lej "ku'r clphw'icpf "ecp"ur tgc'f "kphge'v'k'w'f kugcugu"vq" xgt { "ulemr' gqr ng0"

Vj g't "ku"e'pggf "vq" f gxnqr "c"pqp/kpxcukxg'dmqqf "i nweqg'o qpkqt kpi "f gxleg"vq"ko r tqxg'vj g's w'k'v' "qh' r'kg'qh'r cvkpw'icpf "vq"gpw'g'r tqr g't "o qpkqt kpi "qh'vj g'f kugcug0"

K'ht ctgf "ur gev'queqr { "ku"e'y kf gn' "wugf "vgej pl'k'wg"lp"o gf lek'p'g"vq"eqmgev'xctkquw'r j { ukmji kecn'uki pcnu' pqp/kpxcukxgn'. "vj cpnu'vq"vj g'cdk'k'v' "qh'iki j v'vq'r gpgv'cv'vj g'unkp0K'i kxgu'i qqf "t'guw'u'ht"o qpkqt kpi "c" r gtuqp'u"qz { i gp'ucwctv'kq"cpf "j gct'v'tcv'g. "ugxg't'cn'y qtnu'ctg'ectt'k'gf "qw'wukpi "vj ku'v'ej pl'k'wg"ht "pqp/ kpxcukxg'dmqqf "i nweqg'o qpkqt kpi 0'

vj ku'y qtm'y g'r tq'ge'v'vq"uwf { . "f gxnqr "cpf "tgc'k' g'c"pqp" kpxcukxg'dmqqf "i nweqg'o qpkqt kpi "u{ uwo " dcugf "qp"vj g' r'ki j v'ur gev'queqr { . "c"ngf "qh"; "72"po "cpf "c"r j qvqr gvgevt "y km'dg" wugf "vq"eqmgev'vj g' r j qvqr ngj { uo qi ter j { "RRI " +uki pcnu'vj cv'lp' "htuv'r ctv'qh'vj g'y qtn'y kn'dg'r t'g'r t'q'gu'gf "h'k'w'gf . " co r r'k'gf . "gev'0" + "vj gp'cpcn' | gf "vq"gzv'cev'vj g'f "h'k'w'gpv'r j { ukmji kecn'uki pcnu'qh'vj g'r cvkpw. "ch'gt" o gv'qf u'cpf "o qf gn'dcugf "qp" Ct'v'k'kecn'lp'v'k'ki gpeg'y kn'dg'f gxnqr gf "vq"r t'q'gu'v'j ku'f "h'k'w'gpv'RRI " uki pcnu'cpf "f q'eqtt'gr'v'k'p'd'gwy ggp'vj g'f "h'k'w'gpv'xcn'w'qh'r j { ukmji kecn'uki pcnu'cpf "dmqqf "i nweqg'xcn'w'0' H'k'p'cm' "vj g'u{ uwo "o wu'v'dg'r qt'v'cd'ng. "uo ct'v'cpf "eqpp'gev'gf 0'

**Keywords:** P qp'kpxcukxg'I nweqo gvt. "P gct "k'ht ctgf "Ur gev'queqr { . "N'k'p'gct "T gi t'gu'k'p' "Cri qt'k'j o . "RRI " Uki pcn "UVO 540"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### IMPACT OF COGNITIVE BIASES ON INVESTMENT DECISION-MAKING: A STUDY OF RETAIL INVESTORS OF INDIAN STOCK MARKET

*Ishrat Bashir\**

*Tgugctej 'uej qrt. 'Uej qqr'qh'O cpci go gpv. 'Uj tk'O cvc 'Xckuj pq'F gxl'wpxkgt ukaf. 'Mcv c' 'Lco o w'cpf' 'Mcujo kt +3: 4542. 'Kpf kc'*

*Dr. Sushil Kumar Mehta*

*Cuuqekcvg'Rt qlguuqt. 'Uej qqr'qh'O cpci go gpv. 'Uj tk'O cvc 'Xckuj pq'F gxl'wpxkgt ukaf. 'Mcv c' 'Lco o w'cpf' 'Mcujo kt +3: 4542. 'Kpf kc'*

#### Abstract

Vj ku'uwf { "clo u'vq"gzr rqt g"j qy "qxgteqphk gpeg"cpf "ugrh/cwt kdwkqp"dlcugu"ko r cev'qp"vj g"lpxguvo gpv' f gekukqp/o cnkpi "qh"lpxguvqtu"lp"vj g"Kpf kcp"uqem'o ctngv'O'C"swgukppcktg"uwxg{ "y cu'cf o kplutcvgf " co qpi "tgckl' lpxguvqtu"lp"vj g"Kpf kcp"uqem'o ctngv'O'Vj g"uwf { "u"vcti gv'r qr wvckqp"eqpukuu"qh"tgckl' lpxguvqtu'y j q'r tghgt "lpxguvki "lp"uqem'ugewt kkgu"lp"vj g"Kpf kcp"o ctngv'O'Y g"go r m{ gf "pqp/r tqdcckk{ " eqpxgplgpeg"uco r nkpi "vgej plsk wgu"vq"eqmgev'vj g"fcv'O'Vq"eqpf wev'qwt "go r k'lecn'xgt h'lecvkqp."y g"wugf " Uo ctv'RNU'6'uqhy ctg'hqt "fcv'cpcn'uku'O'Y g'eqpf wev'vj g'cpcn'uku'qp"c'uco r ng'qh'522'tgur qpf gpv'ht qo " vj g"Kpf kcp"uqem'o ctngv'O'Vj g"Kpf kcp"u"lpf kcv'vj cv'qxgteqphk gpeg"cpf "ugrh/cwt kdwkqp"dlcugu"j cxg"c" uki p'lecpv'ko r cev'qp"lpxguvqtu)lpxguvo gpv'dgi cxkqt "lp"vj g"Kpf kcp"uqem'o ctngv'O'Kpxguvqtu'f q'p'qv'cny c {u" cev'tcv'qpcmf 'O'J gpeg."vj g"Kpf kcp"u"tgxgc'n'vj cv'qxgteqphk gpeg"cpf "ugrh/cwt kdwkqp"j cxg"cp"ko r cev'qp" lpxguvqtu"lp"vj g"uco r ng' Kpf kcp"uqem'o ctngv'O' Hwwt g"t gugctej gtu"uj qwf "eqpf wev"o qt g"uwf lgu"qp" eqi plkxg"dlcugu"cpf "gzr cpf "vj gk"uco r ng'vq"lpenw'g"y kf gt "tcpi g"qh"lpxguvqtu'O'Hp'cmf. "mpqy rgi g"qh" eqi plkxg"dlcugu"ku"tgs wkt gf "hqt"tgckl' lpxguvqtu"vq"o cng"ugpukdrg"cpf "gh'gev'xg"lpxguvo gpv'f gekukqp/ o cnkpi "

**Keywords** <Eqi plkxg"dlcugu. "Qxgteqphk gpeg. "Ugrh/cwt kdwkqp. "Kpxguvo gpv'f gekukqp/o cnkpi O' "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### PROMOTING THE IMAGE OF TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING PROGRAMMES THROUGH PRODUCTION OF READY-TO-WORK GRADUATES IN TERTIARY INSTITUTIONS IN RIVERS STATE

*BASSEY, Imaobong Sunday; AJIE, Prince Maduabuchukwu (Ph.D) & ELUOZO, Ozioma Progress*

*Fgrctwo gpv'qhl'O gwny qtniVgej pqmji { "Gf wecvkqp."Hgf gt cniEqmgi g'qh'Gf wecvkqp"Vgej pkecni"Qo qmw." Tlxgtu'Uvcvg."Pki gkcc"*

"

#### ABSTRACT

Vj g"uwf { "kpxguki cvgf" r tqo qvki " y g" ko ci g" qh' vgej pkecni' cpf " xqecvkapcni' gf wecvkqp" cpf " vclpki " r tqi tco o gu'y tqwi j " r tqf wecvkqp"qh'tgcf { /vq/y qtni' tcf wecvgu"kp"vgt vkt { "kpukswwkqpu"kp"Txgtu"UvcvgO'C" uwtxg { "f guki p"i vki gf "y g"uwf { O'Vj g"r qr wecvkqp"qh'y g"uwf { "eqo r tkugf "82"VXGV"rgewtgtu"kp"y g'y q" Tlxgtu"Uvcvg"qy pgf "vgt vkt { "kpukswwkqpu"kp"Txgtu"Uvcvg"y cv'qh'gt "VXGV"Rtqi tco o gO'Vy q"tgugctej " s wguvku'p'y gt g'r qugf "cpf "4"j { r qvj gugu'vugvf "cv'2027'rgxgrlqhl'uki pkl'ecpegO'Vj g'tgugctej gt'eqmgevgf "f cvc" hqt "y g"uwf { "wukpi "s wguvku'ppcni'gO'Vj g"kpwt wo gpv'y cu'xcnk cvgf "d { "y q"rgewtgtu"kp"y g"gr ctwo gpv'qh" o gej cplecni' vgej pqmji { " gf wecvkqp." P ki gt " F gnc" Wpkxgtukv{." Dc { gnc" UvcvgO' Vj g" tgrkcdkiv{ " qh' y g" kpwt wo gpv'y cu'gucdriuj gf "wukpi "vgu'tg/vgu'o gy qf O'Vj g"fcvc'cej kxgf "y gt g'cpcni | gf "y kj "Rgetuqpu" Rtqf wev'O qo gpv'Eqttrcvkqp"Eqgthlekp'Vj g"eqgthlekp'cej kxgf "y cu'20 60'Dcugf "qp"y g'hkpf kpi u'qh" y g"uwf { O'K'y cu'tgeqo o gpf gf "co qpi "qvj gtu'y cv'i qxgtpo gpv'uj qwf "i qxgtpo gpv'cpf "j gt "ci gpekgu"kp" ej cti g'qh'qxgtuggkpi "gf wecvkqpcni'uj qwf "gpuwt g'y cv'o qf gtp"vclpki "gs wkr o gpv'ctg'tgi wctni "r tqxkf gf " cu" y cv'y kni'gpj cpeg" y g" r tqf wecvkqp" qh'tgcf { /vq/y qtni' tcf wecvgu"vq" ko r tqxkpi " wgv' ko ci gu' vgt vkt { " kpukswwkqpu"kp"Txgtu"UvcvgO'

**Key words:** "VXGV"Rtqi tco o gu."ko ci g."Tgcf { /vq/y qtni' tcf wecvgu."Vgt vkt { "kpukswwkqp"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### UTILIZATION OF FINE CONSTRUCTION AND DEMOLITION WASTE IN BITUMINOUS CONCRETE

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**Vandana GUPTA**

*O'zbekiston Respublikasi Prezidentining 2017-yil 12-avgustdagi "Yul qurilishidagi bitumli betonning ishlatilishini yanada kengaytirish to'g'risida"*

*Wpkxgt ukxj "Rcvkrc. "Kpf kc"*

**Kunal JAIN**

*Caukavcpv'Rt qhgauqt. "F gr ct vo gpv'qh'Ekxkl'Gpi kpggt kpi. "Rwplcdk"*

*Wpkxgt ukxj "Rcvkrc. "Kpf kc"*

**Maninder SINGH**

*Caukavcpv'Rt qhgauqt. "F gr ct vo gpv'qh'Ekxkl'Gpi kpggt kpi. "Rwplcdk"*

*Wpkxgt ukxj "Rcvkrc. "Kpf kc"*

"

#### ABSTRACT

Vj g'r qr wcvkqp "gzc cpukqp. "vj g'zrc cpukqp" qh'vj g'K'ugevqt. "vj g'ceegrgtcvkap" qh'kpf wut krkl cvkap. ("vj g' etgcvkqp" qh'pgy "kplhtcut wewtcrly qtmu" j cxg'cm'eqpvt kdwgf "vq"vj g'eqput wcvkqp" ugevqt u'gzvt go grl "tcr kf" i tqy vj "kpt'gegpv" { gct u'0Dgecwug" qh'vj ku. "vj gt g'ku" c'j ki j "f gukt g'ht "dwrkf kpi "eqo r qpgpvu" k'vj g'eqput wcvkqp" kpf wut { . "y j lej "rgcf u'vq"vj g'r tqf wcvkqp" qh'c "rv'qh'eqput wcvkqp" t'cuj 0Vj gt g'ku' t'kupi "kpvgt guv'k'vj g'tgwug" cpf "tge { erkpi "qh'EF Y "cu" c "uqrvkqp" vq"vj gug'r tqdrgo u'0Vj ku" o c { "gpvckl'tgeqxgt kpi "o cvgtkcu"vj cv'o c { " dg'et wuj gf "cpf "wkrk gf "cu"ci i t gi cvgu"lp" pgy "dwrkf kpi "r tqlgew. "uwej "cu"eqpetgv"cpf "cur j cu'0Vj gt g'ku" rguu" f go cpf "hqt" xki k'p"t guqvt egu" dgecwug" y qf "cpf "o g'cni" o c { "cuq" dg' tgeqxgt gf "cpf "tge { ergf 0Vj g' r wtr qug" qh'vj ku" r cr gt "ku" vq "kpxgukl cvg" k'wukpi "eqput wcvkqp" cpf "f go qrvkqp" y cvug "EF Y + "vq" rguug" f wo r kpi "kuwgu" ku" gxgp "hgcu kdr0"

**Keywords:** E( F "Y cvug. "Eqput wcvkqp" cpf "F go qrvkqp" Y cvug. "Ci i t gi cvg. "F go qrvkqp" y cvug. "O ctuj cmi Ucdkklv. "F gpukv. "Qr vko wo "Dkpf gt "Eqpvgp0"

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#### ANTINOCICEPTIVE AND ANTI-INFLAMMATORY ACTIVITY OF *JATROPHA TANJORENSIS* LEAF EXTRACT IN MICE "

Uchenna B. Alozieuwa<sup>1</sup>, Michelle E. Inagbor<sup>1</sup>, Theresa O. Ozoude<sup>2</sup>, Olajumoke O. Nwaechefu<sup>3</sup>"

<sup>3</sup>F gr ctvo gpv'qhlDkqej go kut { .Hcewnf "qhlPcwt cn'cpf "Crrrkf "Ukgpegu "Xgtkc u'Wpkxgt ukf . "Cdwlc . " Pki gt kcO'

<sup>4</sup>F gr ctvo gpv'qhlO ket qdkqrqi { .Hcewnf "qhlPcwt cn'cpf "Crrrkf "Ukgpegu "Xgtkc u'Wpkxgt ukf . "Cdwlc "

<sup>5</sup>F gr ctvo gpv'qhlDkqej go kut { .Hcewnf "qhlPcwt cn'cpf "Crrrkf "Ukgpegu "Ngcf "Ekf "Wpkxgt ukf . "Kdcf cp " "

#### ABSTRACT"

Vtcfkkqpen'o gflekpg"j cu"go r m { gf "Lctqrjc "wplqtgpuki"vq"t gcv'xctkquw" f kugcugu. "gur gekm { "vj qug" ceeqo r cplgf "d { "r clp. "kphro o cvkqp. "cpf "qzfk cvkxg" ut guo'Vj ku'uwf { "lpxguki cvgf "vj g'cpvkqelegr vlxg" cpf " cpvk/kphro o cvqt { " ghgew" qh" Lctqrjc " wplqtgpuki" gj cpqn' ngch' gzvcev' qp" tqf gpv' o qf gnuO' Rj { vqej go kecn'cpf "cewg"vzlek { "uwf lgu"y gt g'f gvgto kpgf "d { "ucpf ctf "o gj qf uO'Cegve "cekf /kpf wegf " y tkj kpi "cpf "hqtto cnk/kpf wegf "r cy "nenkpi "o qf gnu'y gt g'wugf "vq" f gvgto kpg"vj g'cpvkqelegr vlxg"ghkece { . " y j gt gcu'hqtto cnk/kpf wegf "j kpf "r cy "qgf go c'y cu"go r m { gf "hqt "vj g'cpvk/kphro o cvqt { "uwf { O'k'gcej "qh" vj g'cuuc { u. "i tqwr u"4. "5. "6. "cpf "7" tgegkxgf "322. "522"cpf "822"o i lni "qh"LO'wplqtgpuki"gzvcev'cpf "cur klp" \*372"o i lni "+qt "kpf qo gj celp" \*32"o i lni "+eqttgur qpf kpi n { "y j kg"i tqwr "3"y cu'cf o kplvgt gf "32"o nlni " r j { ukqmi kecn'ucnkpg'LO'wplqtgpuki"gzvcev. "r j { ukqmi kecn'ucnkpg. "cur klp" \*372"o i lni "+qt "kpf qo gj celp" \*32"o i lni "+y gt g'cf o kplvgt gf "qtcml "3"j qwt "dghqt g"vj g" kpf wekqp"qh"r clp"qt "kphro o cvkqpO'Vj g"o quv' pqvcdng "R" > "2027+tgf wekqp"qh"lphro o cvqt { "t gur qpug"y cu'uj qy p"d { "Lctqrjc "wplqtgpuki"ngch'gzvcev' cv'322"o i lni "y kj ": 2' "kpi kdkkqp"qh"qgf go cO'k'cf f kkp. "kpeqo r ctkuq"y kj "vj g'eqvqt qn'i tqwr . "vj g' gzvcev'uj qy gf "c"uki plkecpv"R" > "2027+f getgcug"kp"r cy "nenkpi "cpf "y tkj kpi "kpvj g"o kegO'Hrcxppqkf u. " ugtqkf u. "vgr gpqkf u. "cwpkpu. "cpf "r j gpqu"y gt g'f gvegf "kpvj g'gzvcevO'Vj g'gzvcev'cf o kplvgt gf "cv'c" o czko wo "f qug"qh"4222"o i lni "f kf "pqv'ecwug"cp { "qdugt xcdng"vzle"ghgew'LO'wplqtggpuki"ngcxgu"j cxg" r qvgpv'cpvkqelegr vlxg"cpf "cpvk/kphro o cvqt { "r qvgpv'cnuO'Vj ku'xcnkf cvgu"ku"v'cf kkqpen'wuci g"kp"r clp"cpf " kphro o cvkqpO' "



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#### NUMERICAL INVESTIGATION FOR THE OPTIMIZATION OF CDS BUFFER LAYERS IN CIGS SOLAR CELLS USING SCAPS-ID.

Zineb Benbouzid <sup>1\*</sup>, Mohammed Ridha Benzidane <sup>1</sup> and Nouredine Hassini <sup>1</sup>

<sup>3</sup>Grdqtcvkqp"cpf"Ejctcevtgkcvkqp"Rj{ukeq/Ogejcpkecnl'cpf"Ogvcmti kecn'qhl'Ocvgtkcn'Ncdqtcvqt{"  
\*GER50 + "Cdfgrjco kf "Klp"Dcfku'Wpkxgtuk\ /Oquwici cpgo OTqwg"Pcvkqpcng"PA33. "Mjcttqwdc."49222."  
Oquwici cpgo. "Cnigtke"

#### ABSTRACT

Fwg"vq"vj"j"ki"j"equv"qh"gzr"gtko"gpvcvkqp."uko"wrvcvkqp"vqqu"j"cxg"dgeqo"g"guugpvkcn'hqt"rtgf"levkpi"vj"g"  
fgxgnr"o"gpv'qh'tgugctej."rctvewrctn'lp'rj"qvqxqncleu."ucxkpi"vko"g"cpf"o"ppg{0Cu'rctv'qh'vj"ku'o"qf"grkpi"  
cpf"pwo"gtlecn'uko"wrvcvkqp"y"qtm"y"g"vugf"UECRU/3F"uqhy"ctg"vq"qr"vko"q"g"cpf"cpcn{|"g"vj"r"gtlqto"cpag"  
qh'Ew"Kp.Ic+Uga/dcugf"uqnt"egm."y"ky"c"Cnl"pQIEfUIEKUIOqIUNI"utvewt"g0Vj"g"uwf{"hqwugf"qp"  
qr"vko"q"kpi"ugxgcn'rctco"gvgtu"qh'vj"g"EfU"dwhgt"re{gt"qh"e"EKU"uqnt"egm"lp"qtf"gt"vq"ko"rtqxs"vj"g"  
rj"qvqxqncle"ejctcevtgkcn'leu"qh'vj"g"egm"uwej"cu"fqrlpi"fgpukv{ "cpf"vj"lenguu0Cp"qr"vko"wo"eqpxgtukqp"  
ghhlekpe{"qh'4305"y"cu'cej"kgxgf"ht"e"EfU're{gt"fqrlpi"fgpukv{"qh'32<sup>37</sup>eo<sup>/5</sup>cpf"e"vj"lenguu'qh'72'po0"  
Kp"cf"fkvqp."y"gj"cxg"fggr"ggf"qwt"wpf"gtucpfkpi"qh'eqpf"vkvqp"cpf"eqmgevkvqp"rj"gpqo"gpc"y"ky"lp"vj"g"  
egm'd{"uwf{kpi"grgevtle"hgnt"xctkcvkqp."tgeqo"dlpvcvkqp'tevg"cpf"ur"gevtcnl"gur"qpug'f"wtkpi"vj"g"qr"vko"q"cvkqp"  
rtqegu0'

**Keywords:** "EfU"EKU"rj"qvqxqncle."UECRU/3F"

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## YAPAY ZEKA TEMELLİ YAYA GEÇİDİ İHLAL TESPİTİ ARTIFICIAL INTELLIGENCE BASED CROSSWALK VIOLATION DETECTION

Mehmet Fatih TEFEK<sup>1</sup>

<sup>3</sup>Fq=Ft0"Quo cplk'g'Mqt mw'Cxc'©pkxgt ulxguk'O'Äj gpf kurknixg'Fq c'Drko rgt k'HcnÄnguk'Dri kuc{ct'  
O'Äj gpf kurk k'D3/4Äo Ä'Quo cplk'g.'VÄtnk'g0'

<sup>3</sup>QTEK'KF <j wru<1lqtekf Qti D222/2225/55; 2/6423"

Haydar TUNA<sup>2</sup>"

<sup>4</sup>Ft0" t0©{guk'Quo cplk'g'Mqt mw'Cxc'©pkxgt ulxguk'O'Äj gpf kurknixg'Fq c'Drko rgt k'HcnÄnguk'  
Dri kuc{ct'O'Äj gpf kurk k'D3/4Äo Ä'Quo cplk'g.'VÄtnk'g0'

<sup>4</sup>QTEK'KF <j wru<1lqtekf Qti D222/2225/45: :/875Z"

### ÖZET

J gt'i g+gp'i Äp'fcj c'f c'ctvcp'ctc±'xg' {c{c'uc{ ,u. 'uÄ ÄÄÄne {pcmn'vchknine| cmt, %pgo rk'uqtwpctf cpf, t0' VÄtnk'g' ucwknimMwt wo w\*V© M+ xgt kgt kpg"i 3/4g"VÄtnk'gof g"4245" { ,n p f c "3/4Äo nÄ" {ctcrpo cn"vchkn' ne| cu,pc'pgf gp'qrnp'qr rco "4: 3"dlp"76"nwuwc'dcmif , , p f c "nwuwtct, p" : : . ; )wpw"uÄ ÄÄÄ " ; .2), p, p" {c{c." 3.3)plp'vc ,v." 2.8)u, p, p" {qrew'xg" 2.5)ÄpÄp" {qrne {pcmn'qrf w wÄ 3/4Äo gmgf k'OI gpgrine| cmt, p" {cp, "u,tc" {c{c"i g+fk'k'lj rmgk'k'upwew'qmw cp"ne| cmt" gj k"klp'g'fcj c"u, n'ö g{f cpe"i gno gmgf k'0'Dw' {Ä f gp" {c{c"i g+fk'k' %pgo rk' dkt" vchkn' i Äxgprk k' kctgk' qrtcm' mwp, m cmcf, t0' I ÄpÄo Ä f g" {c{c" i g+krngt kpf g" {c{c'xgt kpg' %pgo 'ctvo cmc'xg'ncpwp'i grk vtekrngt" {c{c'i g+krngt kpf g" {c{c±, u, p f cp'qno nw' cf, o rct'cvo cmcf, t0" [ gpk'vchkn' { %pgo grk kpg"i 3/4g'ctc±ct" {c{c"i g+fk'k' gp"i g+gtngp" {cxc rco c" xg" {c{c"i g+fk'k' gp"i g+gtngp" f wto cml' qt w p f c f, t0' ¥ qm'uc { , f c "ctce, p" uÄ gmk" { %pgo k'lj v'ce, "pgf gpk'rg, " ucf geg'vchkn'r qrik'v'ctch, p f cp'f Ä gpk'uc rco cml' Äo mÄp" f g kf k'0'UÄ ÄÄÄngt k'p" vchkn'mtcmct, pc" % gp" i 3/4ngto guk'xg'ngpvtqr'ukugo rgt k'kp'ec { f, t, e, n , p, "ctwto cml'k'p"vchkn'r qrik'p'gp'dc , o u, | "dkt'ukugo g" kj v'c±f w'w'w' cmcf, t0'Dw'f q t w w u w p f c 'r g t u q p g n'lj v'ce, "qno cmu, | p" {cr, rcp'vghk rgt k'p'ctw, t, m cu, p, " xg'k'pucp"i 3/4 Äp'gp'nc±cdkrgegn'qr { rct, p" c| cn, rcdko guk' %pgo "ne| cpo cmcf, t0'Dw'±cn o cf c" {c{cmt, p" {c{c'i g+krngt kpf g'qrf w wpw'cni , r { , r . 'mwtcn'lj rnl'g'gp'ctc±ct, p" cni , rpo cu, "co c±rpo , v, t0' c{c'i g+fk'k' o qf grk'k'p"VÄtnk'gof g"mwcp, rcp" {c{c"i g+krngt k'p"i 3/4 Äp'Ängt k'kr'g"grf g'g'k'p'xgt k'g"o qf grk'g' kko k' k'p"mwcp, m , v, t0' [ c{c"i g+kv'gur k'k'k'p" {cr c' | "gm'nkrngt k'p'gp" {ctctmpctem" {cr c' | "gm'nkk'Ä g'k'p" gpvi t'g'nc o g'c'kr'g" {c{c"i g+krngt k'p'cni , r { , r "f g'k'p' % t gpo g'xg'i 3/4 Äp'Äk'ngo g'vgnpknmgk'k'g'ng' w w w t0' Mco g'c"i 3/4 Äp'Ängt k'kr'g"grf g'g'k'p' "o qf grk'p'ctm'ugpct {qrctc"i 3/4g'i gpgr'f q t w w n'iq'w'co cu, " {cmc , ml' ' : 2"qrctcm'gur k'v'gf k'o k'kt0'Dc ct, "qtcp, p, " { Ängno gn'k'p"VÄtnk'gof g'k' {c{c"i g+fk'k' i 3/4 Äp'Ä'xgt k' ugngt k'p'p"±q cn, m cu, %pgo "ne| cpo cmcf, t0

Anahtar Kelimeler: "I 3/4 Äp'Ä'k'ngo g. " {c{c"i g+fk'k' {cr c' | " gnc'nkk0'

### ABSTRACT

Vj g'k'pet gculpi "pwo dgt"qh'xgj lengu'cpf "r gf gut kcpu'gxt { "r cuulpi "f c { . "cpf "vchh'e'ceekf gpw'ecwugf "d { " f tkxgtu'ctg'ko r qt vcpv'r tqdrgo u0Ceeqtf kpi "v'j g'f'cvc'qh'j g'Vwt nkuj "Ucwknecn'k'pukw'w'VUK: 'y j gp'y g" nqncv'j g'v'cd'q'4: 3'j qwucp'76'hcwnu'y cv'ecwugf 'hc'v'nt'q'lp'lw'gf 'vchh'e'ceekf gpw'lp'Vwtng' { 'lp'4245. " k'ku'uggp'y cv': : Q' "qh'y g'hcwnu'y g'g'f'f'kxg't/g'v'v'f. "; 0' "r gf gut kcp/t'g'v'f. "308' "xgj keng/t'g'v'f. " 208' "r cuugpi gt/t'g'v'f'cpf'205' "tqcf/t'g'v'f'0k'p'cf'f'k'p'v'q'i gp'g'c'ceekf gpw. 'ceekf gpw't'guw'kpi 'ht'qo " etquy cm'lx'k'rc'v'kpu'q'ee'w'ö qt g'ht'gs'w'p'v'f' 'k'p'ek'ku'0Vj g'g'ht'g' "etquy cm'ku'w'ugf 'cu'cp'ko r qt vcpv'v'chh'e" uchgv' "uki p0V'qf c' . 'y j g'ko r qt vep'g' i kxgp'v'q'r gf gut kcpu'cv'etquy cm'ku'k'pet gculpi "cpf'rcy "f g'x'g'qr gtu" ct'g'cnkpi "r quks'x'g'uvr u'lp'v'gt o u'qh'r gf gut kcpu'cv'etquy cm'0Ceeqtf kpi "v'j g'pgy "vchh'e't'gi w'v'k'p. "

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xgj lergu"o wuw'unqy "f qy p"cpf "uqr "y j gp"r cuulpi "vj tqwi j "etquuy cm0F wq"vq"vj g"pggf "hqt"eqpvkpwqwu" o cpci go gpv'qh'c"rti g'pwo dgt "qh'xgj lergu."k'ku'pqv'r quukdrg"vq"o ckvckp"qtf gt "qpnf "d{ "vj g'vtchle"r qnleg0 C"u{ uvg0 "kpf gr gpf gpv'qh'vj g'vtchle"r qnleg"ku"pggf gf "vq"gpwv g'vj cv'f tkxgtu"r c{ "cwgpvkqp"vq"vtchle"t wrgu" cpf "vq"lpetgcug"vj g" f gvgttgpeg"qh"eqvtdn'u{ uvg0 u0'k0"vj ku" f k'gevkqp."k'ku"ko r qtvcpv"vq"lpetgcug"vj g" kpur gevkqp"r gthqt0 gf "y kj qw'vj g'pggf "hqt"r gtupppgncpf "vq"tgf weg'vj g'kpef gpw'vj cv'ecp'dg'qxgtmqngf" d{ "vj g'j wo cp'g{ g0k0"vj ku"uwf { .k'ku'ck0 gf "vq" f gvgv'xgj lergu"vj cv'xkqv'vj g'twrg'd{ "f gvgv'kpi "r gf guv'kpu" cv'etquuy cm0Hqt "vj g'etquuy cm'lo qf gn"vj g'f cv"qdvckpgf "it qo "vj g'ko ci gu"qh'etquuy cm'wugf "k"Vwtng{ " y gt g" wugf "hqt" v'cklpi "vj g"o qf gr0'D{ "wulpi "ct w'hekn'kpvgnki gpeg"nku" hqt "etquuy cm' f gvgv'kqp."vj g" etquuy cm'ly cu'f gvgv'f "y kj "c"eco gtc'kpvgi tcvgf "qp"vj g'ct w'hekn'kpvgnki gpeg'nk'cpf "f ggr "ngctlpi "cpf " ko ci g'r tqeguulpi "vgej pks wgu'y gt g"go r m{ gf 0Vj g'i gpgtcn'ceewtce{ "cxgtci g'qh'vj g"o qf gr'qdvckpgf "y kj " eco gtc"ko ci gu"y cu'f gvgto kpgf "vq"dg"cr r tqzko cvgn{": 2' "ceeqtflpi "vq" f k'htg'gpv'uegpctkqu0'k0"qtf gt "vq" lpetgcug"vj g'uweegu'tcvg."k'ku"ko r qtvcpv"vq"lpetgcug"vj g'etquuy cm'ko ci g'f cv"ugv'lp"Vwtng{0'

**Keywords:** "ko ci g'r tqeguulpi ."etquuy cm'ct w'hekn'kpvgnki gpeg'nk0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### YAPAY ZEKA ARAÇLARININ TEMEL MÜHENDİSLİK EĞİTİMİNDE YERİ VE UYGULAMALARI USAGE AND APPLICATIONS OF AI TOOLS IN BASIC ENGINEERING EDUCATION

Mehmet Fatih TEFEK<sup>1</sup>

<sup>3</sup>F q ± F t 0 Quo cpk g' Mqt mw' Cvc '©pkxgt ukvguk 'O Āj gpf kurkn' xg' F q c 'Dkko rgt k' Hcn Ānguk 'Dri kuc { ct ' O Āj gpf kurk k' D' / Āo Ā ' Quo cpk g. ' V Āt nk g 0

<sup>3</sup>QTEK 'KF < j wr u- lqt ekf Qti I 2222/2225/55; 2/6423"

Haydar TUNA<sup>2</sup>

<sup>4</sup>F t 0' t 0 © { guk ' Quo cpk g' Mqt mw' Cvc ' ©pkxgt ukvguk ' O Āj gpf kurkn' xg' F q c ' Dkko rgt k' Hcn Ānguk ' Dri kuc { ct ' O Āj gpf kurk k' D' / Āo Ā ' Quo cpk g. ' V Āt nk g 0

<sup>4</sup>QTEK 'KF < j wr u- lqt ekf Qti I 2222/2225/45: : /875Z"

Özcan YIRTICI<sup>3</sup>

<sup>5</sup>F t 0' t 0 © { guk ' Quo cpk g' Mqt mw' Cvc ' ©pkxgt ukvguk ' O Āj gpf kurkn' xg' F q c ' Dkko rgt k' Hcn Ānguk ' Dri kuc { ct ' O Āj gpf kurk k' D' / Āo Ā ' Quo cpk g. ' V Āt nk g 0

<sup>5</sup>QTEK 'KF < j wr u- lqt ekf Qti I 2222/2224/8928/: 868"

#### ÖZET

O Āj gpf kurkn' go gr' g kko kpf g' vgnpqm' lkp' k' rgt ngo guk' p' de n' qrtcm' dki kuc { ct rct ' xg' cm' m' ' vj vret ' cm' kh' dkt' gnkrf g' mwncp, m' cret, pc" te o gp. " uqp" | co cprctf c" r ctrc { cp" xg" i Āpn Ām' { c cpv, o, | f c" f g k kn' w' i wro cret, p, " ± qm' u, m' i ¾ o g { g' de mf, , o, | " Ej cv' I RV" i kdk { cr c { " | gnc" ctc ± rct, p, p" o Āj gpf kurkn' g kko kpf g' { gt k' xg' mwncp, rcdkrt rtk k' o gten' n' upwuw' qm' w wt 0' Dw' co c ± rct. " ¾ gnkmg" o cvgo cvknugr' k' rgo " xg' j' gur rwo c" { cr cdk' p' f g k kn' { cr c { " | gnc" ctc ± rct, p, p" ecrewuw. " f l' hgt cpuk' g' n' f gpmgo rgt. " uc { , uc' n' cprct' i kdk' | qt w' p' n' f gt urgt " k' p' w' i wro c" c' rct rct, p, p" xg" n' r' c' uksgrt k' p' k' p' k' p' go guk' j' gf g' h' rgo k' vt 0' Dw' ± cn' o cf c" rko k' v' Āt gx. " l' p' vgi ten' xg' f l' hgt cpuk' g' n' f gpmgo rgt " k' p' k' k' f g k kn' ugk' xg' f g' gnk' uqt wret " j' go " m' x { g' k' g' i k' k' k' { cr , rct \* Y qrt co " C' r j c' xg' Ej cv' I RV' i kdk' } go " f g" i ¾ Āp v' Āk' rgo g' vgnpkn' g' k' r' g' \* QET " k' rgo k' t' guo k' o cvgo cvknugr' k' h' f g { g' ± g' x' k' gp' ctc ± rct " \* O cvj y c { . " Rj qvqo cvj " i kdk' { ctf, o, { rct " ± ¾ Ārgegn' xg' ¾ t g' vko " h' c' r' k' g' v' r' t' k' p' f g' mwncp, rcdkrt rtk k' " h' c' f' c' rct, " xg' | ct c' rct, " k' p' v' ctv, , m, , vt 0' Uqp w' rct " k' p' g' p' k' p' g' " m' w' c' n' v' c' d' c' p' n' " uk' v' go rgt k' p' { Ām' gn' m' } qt n' w' m' c' n' k' o cvgo cvknugr' k' h' f g' rgt k' p' rko k' k' p' k' v' Āt gx k' p' k' xg' l' p' vgi ten' k' p' uqt w' p' u' w' " dkt' gnkrf g' c' r' d' k' f' k' m' g' k' i ¾ r' go k' vt 0' | gnkmg" l' p' vgi ten' k' p' n' q' p' w' cec' n' q' m' t' u' c' n' f g k' n' p' f g k' v' t o g' xg' { gt k' p' g' n' q { o c' o g' v' q' f' w' p' w' c { p, " cpf c" mwncp, m' cu, " i gt gn' p' k' h' f g' rgt f g' de ct, " i ¾ v' g' t' go go k' vt 0' | cr c { " | gnc" ctc ± rct, p, p" { qt w' rwo c' i' gt gn' p' o cvgo cvknugr' k' h' f g' xg' f' g' p' m' go rgt f g' de ct, " i ¾ v' g' t' go gf k' k' xg' f' e' j' c" { q' n' p' de , p' f' c" q' r' f' w' w' i ¾ r' go k' vt 0' Dw' ± cn' o c' " k' p' mwncp, rct p' { cr c { " | gnc" ctc ± rct, p, p" o cvgo cvknugr' k' h' f g' rgt k' ± ¾ o g' de ct, u, p, p' ugk' k' g' rgt k' i' gt gn' i ¾ t' g' p' e' k' i' gt gn' i ¾ t' g' vko " Ā { g' rgt k' p' g' j' gf g' h' r' g' p' p' ¾ t' g' vko " de ct, u, p' c' i' k' f' gp' { q' r' f' c' dkt' { q' n' i ¾ v' g' t' e' k' l' q' m' cu, " co c ± rct p, , vt 0' "

Anahtar Kelimeler: " { cr c { " | gnc. " Ej cv' I RV. " o Āj gpf kurkn' g kko k' o

"

#### ABSTRACT

F gur k' p' v' j' g' c' v' k' x' g' w' u' g' q' h' e' q' o r w' g' t' u' c' p' f' " uo ct v' d' q' c' t' f' u' l' p' g' p' i' k' p' g' g' t' k' p' i' " g' f' w' e' c' v' k' p' f' w' g' v' q' v' j' g' c' f' x' c' p' e' g' o' g' p' v' q' h' v' e' j' p' q' n' i { . " v' j' g' r' m' e' g' c' p' f' " w' u' c' d' k' k' v' " q' h' c' t' v' h' e' k' e' n' l' p' v' g' n' i' g' p' e' g' v' q' q' n' u' u' e' j' " cu' Ej cv' I RV. " y j' k' e' j' " j' c' x' g' " t' g' e' g' p' v' l' " d' g' e' q' o' g' x' g' t' { " r' q' r' w' r' e' t' " c' p' f' " y j' q' u' g' " x' c' t' k' q' w' u' c' r' r' d' e' c' v' k' p' u' c' t' g' u' g' g' p' " " x' g' t' { " h' t' g' s' w' g' p' v' l' " k' p' " q' w' " f' c' k' v' " r' k' x' g' u. " l' p' g' p' i' k' p' g' g' t' k' p' i' " g' f' w' e' c' v' k' p' j' " cu' d' g' e' q' o' g' c' " o' c' w' g' t' " q' h' e' w' t' k' u' k' v' { 0' h' q' t' v' j' k' u' r' w' t' r' q' u' g' . " k' v' k' u' c' l' o' g' f' " v' q' " g' z' c' o' k' p' g' " v' j' g' " c' r' r' d' e' c' v' k' p' " c' t' g' c' u' " c' p' f' " e' c' r' c' e' k' k' e' g' u' " q' h' " f' l' h' g' t' g' p' v' " c' t' v' h' e' k' e' n' l' p' v' g' n' i' g' p' e' g' " v' q' q' n' u' " v' j' c' v' " e' c' p' " r' g' t' h' q' t' o' " o' c' v' j' g' o' c' v' k' e' c' n' " q' r' g' t' c' v' k' p' u' " c' p' f' " e' c' r' e' w' e' v' k' p' u. " g' u' r' g' e' k' e' m' l' " h' q' t' " e' q' o' r' w' u' q' t' { " e' q' w' t' u' g' u' " u' e' j' " cu' " e' c' r' e' w' u' u. "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

f khtg pvcn'gs wcvkpu."cpf "pwo gt lecn'pcn' uku0k'v'j ku'uwf { . 's wcvkpu'cv'f khtg gpv'rgx'gnu't gr'v'gf "v'iko ku." f g'kxc'v'x'gu. 'k'p'v'gi t'cni'cpf 'f khtg pvcn'gs wcvkpu'y knidg'uqrx'gf 'y kj 'v'j g'j' gr "qh'v'qnu'v'j cv'ct'g'gpv'gt'gf 'y kj " v'j g'ng'f'dqctf "uwej "cu"Y qht'co "C'r j c"cpf "Ej cv'I RV+"cpf "v'j cv'eqpx'gt'v'j g'ko ci g'k'p'v'q"o cv'j go cv'lecn' g'zr t'gu'k'p'u'y kj "ko ci g'r t'qegu'k'p'i "v'gej p'ls w'gu"QET"r t'qegu'+uwej "cu'O cv'j y c { . 'Rj qv'qo cv'j + "cpf "v'j g'k' " w'cd'k'k'v'f "k'p'v'g'cej k'p'i "ce'v'k'k'k'g'u'y knidg'f luew'ug'f 'y kj "v'j g'k'f'c'f'x'c'p'v'ci gu'cpf "f'k'uc'f'x'c'p'v'ci gu'O'Y j gp'v'j g'h'k'uv' t'gu'w'nu"ct'g"gz'co k'p'gf. "k'ku'q'dug't'x'gf "v'j cv't'w'rg/dc'ug'f "u'f'uv'go u'ecp"gc'uk'f "q'd'v'cl'p"v'j g'iko k'v'f g'k'x'c'v'x'g"cpf " k'p'v'gi t'cni'q'h'o cv'j go cv'lecn'g'zr t'gu'k'p'u'e'q't't'ge'v'f "w'r "v'q'j' k'i j "f'k'h'le'w'nu'rg'x'gr'is w'cv'k'p'u'0k'i'y g'v'c'm'l'ur g'ek'h'ec'm'f " cd'q'w'l'p'v'gi t'cni. 'k'v'j cu'p'q'v'd'ggp'u'wee'gu'uh'w'ik'p"g'zr t'gu'k'p'u'y j g't'g'v'j g'x'c't'k'd'ng'u'w'd'uk'w'k'p"cpf 'u'w'd'uk'w'k'p" o g'v'j q'f "o w'uv'd'g'w'ug'f "u'ko w'nc'p'g'q'w'nu'f 0k'j' cu'd'ggp'q'dug't'x'gf "v'j cv'ct'v'k'h'le'cn'k'p'v'gn'ki g'peg'v'q'nu'j' c'x'g'p'q'v'd'ggp" u'wee'gu'uh'w'ik'p"o cv'j go cv'lecn'g'zr t'gu'k'p'u"cpf "gs w'cv'k'p'u"v'j cv't'gs'w'k'g"k'p'v'g't'r t'g'c'v'k'p"cpf "ct'g"u'k'ni'cv'v'j g' d'gi k'p'p'k'p'i "q'h'v'j g't'q'cf'0'V'j g'c'ko "q'h'v'j ku'uwf { "ku'v'q'i'w'k'f'g'd'q'v'j "u'w'f'g'p'u"cpf "h'ce'w'nu'f "o go d'gt'u'q'p'v'j g'r cv'j " v'q'v'j g'v'ct'i g'v'gf "v'g'cej k'p'i "u'wee'gu'u'd { "uj'q'y k'p'i "v'j g'rg'x'gnu"q'h'u'wee'gu'u'q'h'v'j g'ct'v'k'h'le'cn'k'p'v'gn'ki g'peg'v'q'nu'w'ug'f " k'p'u'q'rx'k'p'i "o cv'j go cv'lecn'g'zr t'gu'k'p'u'0'

**Keywords:** 'ct'v'k'h'le'cn'k'p'v'gn'ki g'peg'v'q'nu'j' cv'I RV.'g'p'i k'p'g'g't'k'p'i "g'f w'ec'v'k'p'0'

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#### DIGITAL TRANSFORMATION IN SCIENTIFIC RESEARCH: OPPORTUNITIES AND CHALLENGES

*Dhivya C\* and R Arunkumar*

*Tgugctej "Uej qrt \*Ci tkewmt cn'Gzvypukqp'Gf wecvkp+ 'F gr ctw gpv'qhl'Ci tkewmt cn'Gzvypukqp'cpf "*

*Twt cn'Uqekqni { . 'Vco kiPcf w'Ci tkewmt cn'Wpkxgt ukf . 'Eqko dcvt g. 'Vco kiPcf w' 'Kpf kc "*

*QTEK <222; /2226/ : ; : 6/3: 34"*

"

#### ABSTRACT

F ki kcn' vtcpuhqt o cvkp" ku" hmpf co gpvcn" tguj cr kpi "uelgpvkle" tgugctej . " r t g u g p v k p i " x c u v " q r r q t w p k k g u " c m p i u k f " e t k l e c n ' e j c m g p i g u 0 D { " k p e q r t q t c v k p i " e w w k p i / g f i g " v g e j p q m i k g u " u e j " c u ' c t v h l e c n ' l p v g n k i g p e g " \* C K e " o c e j k p g " n g c t p k p i . " c p f " d k i " f c v c " c p c n f v l e u . " t g u g c t e j g t u " c t g " p q y " c d n g " v q " r t q e g u u " o c u u k x g " f c v c u g u . " g z r g f k g " f k u e q x g t k g u . " c p f " g p j c p e g " r t g e l u k a p " c e t q u u " f k x g t u g " h k g r f u . " I t q o " i g p q o k e u " c p f " e r k o c v g " u e l g p e g " v q " o c v g t k e n u " g p i k p g g t k p i 0 V j g u g " v q q n i " c m q y " u e l g p v k u u " v q " c p c n f | g " f c v c " c v ' w p r t g e g f g p v g f " u r g g f u " c p f " n g x g n u " q h ' f g v c k n " r t q f w e k p i " t g e n ' v k o g " k p u k i j v u " c p f " h q u v g t k p i " e q m e d q t c v k p i " q p " c " i m d e n ' u e c n g 0 F k i k c n ' r n v h q t o u " l e c k k c v g " o w n k f k u e k r n p c t { " t g u g c t e j . " g p c d r i k p i " g z r g t u " I t q o " x c t k q u u " f q o c k p u " v q " e q m e d q t c v g " u g c o n g u n f " c p f " v c e m g " e q o r n g z " k u u w g u " v j t q w i j " h t g u j . " e t q u u / f k u e k r n p c t { " r g t u r g e v x g u 0 J q y g x g t . " v j k u " f k i k c n l u j k n / c n u q " k p w t q f w e g u " u k i p k h l e c p v e j c m g p i g u 0 F c v c " r t k x c e { " e q p e g t p u " m q o " r e t i g . " g u r g e k c m { " c u " t g u g c t e j " k p e t g c u k p i n f " t g r k u " q p " u g p u k x g " f c v c . " r c t v l e w r c n f " k p " h k g r f u " n k n g " j g e n j e c t g " c p f " u e l e c n ' u e l g p e g u 0 R t q v g e v k p i " v j k u " k p h q t o c v k p i " v j t q w i j " t q d w a v " e { d g t u g e w t k v { " o g c u w t g u " k u " g u g p v k e n ' v q " g p u w t g " v j g " k p v g i t k v { " c p f " t g r k c d r k v { " q h " u e l g p v k l e " h k p f k p i u 0 H w t v j g t o q t g . " c " f k i k c n l f k x k f g " t g o c k p u " c o q p i " t g u g c t e j g t u " y q t r i f y k f g . " y k j " f k u r c t k k g u " k p " c e e g u u " v q " c f x c p e g f " v g e j p q m i k e c n ' v q q n i " c p f " k p h t c u t w e w t g . " y j l e j " e c p " q d u w t w e v " g s w k c d n g " u e l g p v k l e " c f x c p e g o g p v 0 G y k e c n ' k u u w g u " c n u q " g o g t i g . " r c t v l e w r c n f " u w t q w p f k p i " v j g " t q r g " q h " C K c p f " c w q o c v k p i " k p " t g u g c t e j " r t q e g u g u 0 C u " c n i q t k j o u " c p f " c w q o c v k p i " r n e { " n e t i g t " t q r g u . " o c k p v c k p k p i " v t c p u r c t g p e { . " t g r t q f w e l d k r k v { . " c p f " j w o c p " q x g t u k i j v d g e q o g u " e t w e k n l h q t " u u w c k p k p i " r w d r l e " v t w u v " c p f " c e e q w p c d k r k v { " k p " u e l g p v k l e " k p s w k t { 0 V j k u " v q r l e " k p x k g u " c " d c r c p e g f " g z r m t c v k p i " q h " j q y " v q " n g x g t c i g " f k i k c n l v t c p u h q t o c v k p i u " r q v g p v k e n l y j k n g " c f f t g u l k p i " k u " e q o r n g z k k g u 0 D { " g z c o k p k p i " d g u v r t c e v l e g u " c p f " t g i w r v q t { " I t c o g y q t m u . " v j g " f k u e w u k q p " c l o u " v q " g u x c d r i k u j " i w k f g r k p g u " v j c v " r t q o q v g " c " t g u g c t e j " g p x k t q p o g p v " v j c v " k u " g v j k e c n " k p e n u k x g . " c p f " g h h e l g p v 0 U e j " c p " g p x k t q p o g p v " u w r r q t w u " u w u c l p c d n g " c p f " t g u r q p u k d n g " u e l g p v k l e " c f x c p e g o g p v . " g p u w t k p i " v j c v " f k i k c n l p p q x c v k p i " k p " t g u g c t e j " d g p g h k u " u e l g v { " c u " c " y j q r g 0 G o d t c e l p i " c " h q t y c t f / m q m k p i " c r r t q c e j . " v j k u " g z r m t c v k p i " u t k x g u " v q " e t g c v g " c " u e l g p v k l e " n p f u e c r g " v j c v " k u " p q v " q p n f " o q t g " g h h e v k x g " c p f " k p p q x c v k x g " d w " c n u q " g s w k c d n f " c e e g u k d n g " c p f " g v j k e c m f " i t q w p f g f 0 "

**Keywords:** "F ki kcn' vtcpuhqt o cvkp. "Uelgpvkle" Tgugctej . "Qr r qt w p k k g u " c p f " E j c m g p i g u "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### INVESTIGATION OF PHYSICO-MECHANICAL PROPERTIES OF GYPSUM MORTAR INCORPORATING RECYCLED GYPSUM AS A PARTIAL SUBSTITUTE

*OUARED Mohamed Amine<sup>1</sup>, BOUGARA Abdelkader<sup>1</sup>, KHERRAZ Nadja<sup>1</sup>*

*<sup>3u</sup>Ncdqt cvqt { "qh'Ut wewt gu 'I gqvgej pkeu."cpf "Tkumu."F gr ctwo gpv'qh"Ekxht'Gpi kpggt kpi ."J cuwkdc" Dgpdqwrk"."Ej rgh'Wpkxgt ukf" DR0373"J c { "Gu'ucrgo '24222'Ej rgh' "*

#### ABSTRACT

Vj ku'uwf { "clo u'vq'gzr nqtg'vj g'r j { uleq/o gej cplecni' tqr gt vku'qh'i { r uwo "o qt vct"o qf kkgf 'y kj 'tge { ergf " i { r uwo "cu'c'r ct vclruwdukswg'ht'pcwtcn'i { r uwo OT ge { ergf "i { r uwo 'tgr n'ego gpv'hxgn'u'y gt g'ugv'cv'2017." 2072."2097."cpf "322' "qh'vj g'vqcn'o qt vct"xqno g"\*3"o "0'Vq"cuugu"vj g'ko r cev'qh'tge { ergf "i { r uwo "qp" o qt vct"r gthqto cpeg."c"ugt'ku'qh'v'gu'u'y cu'eqpf wewf ."eqxgt kpi "y qtn'cdk'v{ ."dwmif gpuk{ ."ugw'kpi "vko g." eqo r t guk'g'ut gpi vj ."ngzwtcn'v'gpuk'g'ut gpi vj ."cpf "ecr knt { "y cvgt "cduqtr v'kp0'Vj gug'v'gu'u'r tqxkf gf "c" eqo r t g'j gpuk'g'gxcn'v'v'kp'qh'vj g'o qf kkgf "o qt vct'au'r j { ulecn'cpf "o gej cplecni' tqr gt vku."j ki j rki j v'kpi "ku" r qv'p'v'cl'n'ht' "r tcev'lecn'cr r ilec'v'qpu'0'Vj g't guw'u"tgxgn'v'j cv'k'peqtr qt cv'kpi "tge { ergf "i { r uwo "i gp'gtcm{ " ch'geu"vj g'o qt vct'au'r gthqto cpeg"ej ctcev't'ku'eu'0'J qy g'xgt."k'pvt'qf w'ekpi "y j kg'ego gpv'v'q'vj g'tge { ergf " i { r uwo "o qt vct"y cu'h'q'w'pf "v"uki p'k'lecp'v'v{ "gpj cpeg"dqj "ku"o gej cplecni' ut gpi vj "cpf "ugw'kpi "vko g." uwi i gu'kpi "vj ku'o qf k'lecv'k'p'cu'cp'g'h'ge'v'k'g'cr r tqcej 'ht'ko r tqxk'pi 'tge { ergf "i { r uwo "o qt vct'0'Vj ku'uwf { " w'pf gt ueqt gu'vj g'r qv'p'v'cl'n'qh'tge { ergf "i { r uwo "kp'uw'v'k'p'cd'ng'eq'p'ut w'ek'p'r tcev'le'gu."r tqxk'f kpi "c"xlcd'ng" r cvj y c { " hq" tgf w'ekpi " fgr g'pf g'pe { " qp" pcwtcn' t'gu'q'w'egu" y j kg" cej k'g'x'k'pi " eqo r ctcd'ng" o cvgt'kcn' r gthqto cpeg0

**Keywords:** I { r uwo "o qt vct."tge { ergf "i { r uwo ."O gej cplecni' tqr gt vku'0'Uw'v'k'p'cd'ng'eq'p'ut w'ek'p" o cvgt'kcn"

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#### THE EFFECTS AND MANAGEMENT OF UNANI MEDICINE ON MENOPAUSAL SYMPTOMS DURING THE MENOPAUSAL TRANSITION: A SYSTEMATIC REVIEW

Faria Nawab\*, Anwar A Quraishi\*, Shajiya S Moosa\*\*

, Fgrctw gpv'qh'O wpcgwnc/c. 'Ucvg'Wpcpk'Eangig. 'Rtc{ctcl. 'Wwct 'Rtcf guj. 'Kpf kc"  
, , Eqngi g'qh'O g'f'lekg. 'Ko co 'Cdf wt c j o cp'Dkp'Hckucn'Wpkxgt ukf. 'F co o co. 'Uwfk'K'ctcdk"

#### ABSTRACT

**Objective:** "Vq'u{ ugo cvlcmf 't'gxlgy 'vj g'ewtt g'v'g'xkf g'peg'q'p'vj g'ghlece{ "cpf "uchgvf "qh'Wpcpk'o g'f'lekg' k'p'o cpei kpi "o g'pqr cwucn'u{o r vqo u'f'wtkpi "vj g'o g'pqr cwucn'vtcpukq'p'o"

**Methods:** "C'eqo r t'g'j' g'pukxg'h'kg'cwt'g'u'g'ctej 'y cu'eqpf w'ev'f' "lp'O GF N'P'G. 'Go dcug. 'E'eqj' t'cpg'N'k'dt'ct{. "cpf "t'cf' k'k'q'p'c'n'b g'f'lekg'f' c'v'cd'cu'g'u'lt'q'o 'l'p'egr' v'k'p'v'q' 'L'cp'w'ct{ '42450T' c'p'f' q'o k' g'f' 'e'q'p't'q'ng'f' 't'lc'n'i' "TE Vu" c'p'f' "q'dugt' x'c'v'k'p'c'n' u'w'f' l'gu" g'z'co k'p'k'p'i "vj g' g'h'g'ew' q'h' W'pcpk'j' g't'd'c'n' h'q't'o w'v'v'k'p'u" q't' "k'p'v'g't'x'g'p'v'k'p'u" q'p' o g'pqr cwucn'u{o r vqo u'y g't'g'k'p'ew'f' g'f' 'O'o g'v'j' q'f' q'n'q'i' l'c'c'n'is' w'c'r'k'f' 'y cu'c'u'g'u'g'f' "w'uk'p'i 'vj g'E'eqj' t'cpg' "T'k'u'n'q'h' D'k'u'v'q'q'n' h'q't' "TE Vu" c'p'f' "vj g'P' g'y' e'c'u'w'g' /Q'w'c'y c' "U'ec'g' "h'q't' "q'dugt' x'c'v'k'p'c'n' u'w'f' l'gu' "C" o g'v'c'p'c'n'f' u'k'u' y cu' r' g't' h'q't'o g'f' "v'q'r' q'q'n'v'j' g'g'h'g'ew' q'h' W'pcpk'o g'f'lekg'q'p'o" g'pqr cwucn'u{o r vqo u'o"

**Results:** "C"v'q'v'n' q'h' "34" u'w'f' l'gu" \*: "TE Vu. "6" q'dugt' x'c'v'k'p'c'n' "l'p'x'q'k'k'p'i "3.254" o g'pqr cwucn'y q'o g'p'y g't'g' k'p'ew'f' g'f' "O'W'pcpk'j' g't'd'c'n' h'q't'o w'v'v'k'p'u. "u'we'j' "cu'S' w'u/g' /O' w'o u'k'm' "O' c'l'q'q'p' /g' /F' c'd'g'g'f' /w'i' y' c't'f'. "c'p'f' "J' c'd'd' /g' /U'j' k'k'p'. "y' g't'g' "h'q'w'p'f' "v'q' "u'k'i' p'h'le'c'p'w'f' "k'o r t'q'x'g' "x'c't'k'q'u" o g'pqr cwucn'u{o r vqo u. "k'p'ew'f' k'p'i "j' q'v' "h'c'u'j' g'u. "p'k'i' j' v' u'y' g'c'u. "o' q'q'f' "f' k'u'w't' d'c'p'eg'u. "c'p'f' "u'ng'g'r' "f' k'u'w't' d'c'p'eg'u. "e'q'o r' c't'g'f' "v'q' "r' n'eg'd'q' "q't' "e'q'p'x'g'p'v'k'p'c'n' 't'g'c'v'o' g'p'w'o' V'j' g'r' q'q'ng'f' "u'w'c'p'f' c't'f' k' g'f' "o' g'c'p'f' "k'h'g't' g'p'eg' 'u'j' q'y' g'f' "c' "r't'i' g'g'h'g'ew' u'k' g'q'h' W'pcpk'o g'f'lekg'k'p' "t'g'f' w'ek'p'i "vj' g' u'g'x'g't'k'f' "q'h'o' g'pqr cwucn'u{o r vqo u' "U'O'F' "? " /3045. "; 7' "E'K' /307; "v'q' /209. "r' > 2023-0P' q' "u'g't'k'q'u' c'f' x'g't'ug' "g'x'g'p'w'y' g't'g't'g'r' q't'v'g'f'. "c'p'f' "vj' g' "k'p'v'g't'x'g'p'v'k'p'u' y' g't'g'i' g'p'g't'c'm'f' "y' g'm'v'q'ng't'c'v'g'f' "d' { "vj' g'r' c't'v'ek'r' c'p'u'o' "

**Conclusion:** "Vj' k'u' u' { ugo cvl' t'gxlgy "r' t'q'x'k'f' g'u'g'x'k'f' g'peg'v'j' c'v'W'pcpk'j' g't'd'c'n' h'q't'o w'v'v'k'p'u' e'c'p' "d'g'g'h'g'ew'k'g' k'p'o cpei kpi "o g'pqr cwucn'u{o r vqo u'f'wtkpi "vj g'o g'pqr cwucn'vtcpukq'p'o W'pcpk'o g'f'lekg' "o c' { "q'h'g't' "c' "uchg' "c'p'f' "p'c'w't'c'n'c'ng't' p'c'v'k'g'v'q' "e'q'p'x'g'p'v'k'p'c'n'j' q't'o q'p'g'v'j' g't'c'r' { "h'q't' "vj' g'o c'p'c'i' g'o g'p'v'q'h'o' g'pqr cwucn'u{o r vqo u'o' H'w't'v'j' g't' "j' k'i' j' /s'w'r'k'f' ". "m'p'i' /v'g't'o " u'w'f' l'gu' "c't'g' "p'g'g'f' g'f' "v'q' "e'q'p'h'k't'o "vj' g' g'h'lece{ "cpf "uchgvf "qh' W'pcpk' k'p'v'g't'x'g'p'v'k'p'u' c'p'f' "g'w'ek'f' c'v'g'v'j' g'v'p'f' g't'n'f' k'p'i "o' g'ej' c'p'k'u'o' u'q'h'c'ev'k'q'p'o' "

**Keywords:** "O' g'pqr cwug. "V't'c'p'uk'q'p'c'n' U' { o r vqo u. "W'pcpk'O g'f'lekg. "H'g'o' c'ng'u'o' "

"



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EXAMINING THE AWARENESS LEVEL OF THE DEPLOYMENT OF SUSTAINABLE PRACTICES IN THE CONSTRUCTION INDUSTRY IN ABUJA

Aliyyu Abiola Abdulraheem<sup>\*ab</sup>, Rasheed Babatunde Isa<sup>a</sup> and Ridwan Abiodun Abdulsalam<sup>b</sup>

<sup>c</sup>Fgrctwo gpv'qhlDwxf kpi . 'Hgf gtrcn'Wpkxgt ukx' 'qhlVgej pqrqi { . 'Okppc. 'Pki gtrk "

<sup>d</sup>Fgrctwo gpv'qhlDwxf kpi "cpf 'S wcpvxf 'Uwt xgf kpi . 'Wpkxgt ukx' 'qhlCdwlc. 'HEV. 'Pki gtrk "

"

#### ABSTRACT

Vj g'eqput wevkp'lpf wut { "ku" c "xkcn'ugevqt" y kj "uki plhlecpr" r qvgrvcn'vq'lpvgi tcv'uwvclpcdr' r tcevegu. " etwekn'ht' tgf wekpi "gpvktqpo gpcn'ko r cev'cpf "gpj cpeki "uqekn'cpf "geqpo ke" qweqo gu0J qy gxt. "vj g' cy ctgpguu'rgxgn'qhl'vj gug' r tcevegu" co qpi " r tqhguukpcn'kphwgegu" vj gk "fgr m{ o gp0Vj ku'uwf { "cko u'vq" gzco kpg" vj g' cy ctgpguu'rgxgn'qhl'uwvclpcdr' r tcevegu" co qpi "eqput wevkp" r tqhguukpcn'kp" Cdwlc" vq" kf gpvhl' "gzkupi" mpqy rgi i g' i cr u'cpf "ctgcu" hqt "ko r tqxgo gp0C" s wcpvxf xg" cr r tqcej "y cu" cf qr vgf. " utwevgtf " s wvukppckg" y cu" cf o kpvgtgf " xkt wcm { " wukpi " c " upqy dcm" uo r rki " vgej plsvg" vq" 5: 6" eqput wevkp"

r tqhguukpcn. { lgrf kpi "448" xcrk' t'gur qpugu0Vj g' fcv' y cu' cpcn { | gf "vq" r tqxkf g' c" o gpc' tpcnki "qhl'cy ctgpguu'rgxgn'cetquu'xctkqu'uwvclpcdr' r tcevegu0'

Vj g' t'gumnu'uj qy "c" utqpi "cy ctgpguu'qhl' r tcevegu" uwej "cu'ectdqp" go kuukp' eqput qn' c' pf "mecn' uqwekpi "qhl' o cvgtkcu" \*O gcp< 6076+ " kpf lecvpi " vj cv' r tqhguukpcn" ctg" cwwpgf " vq" r tguukpi " i r' dcn' uwvclpcdrkx { " eqpegt pu0Uko krcn' . " r tcevegu" tgrv'gf "vq" t'guvteg" eqput xcvkq " \*O gcp< 6074+ " tge { enki " \*O gcp< 606: + " cpf " h'g' e { eng' eqvki " \*O gcp< 6065+ " y g' y g' mltgeqi pl' gf 0J qy gxt. " cy ctgpguu'qhl' uwvclpcdr' hqt o y qtm' u { uvg o u" \*O gcp< 6045+ " cpf " cngt pcvxg" gpgi { " uqtegu" \*O gcp< 6039+ " y cu" eqo r ctecvxgn { " m' y gt. " j ki j rki j vki " vj g' pggf " hqt " vti gvgf " gf wecvkq " cpf " r tqo qvqp0Vj g' uwf { " eqpenf gu' vj cv' y j kg' cy ctgpguu" qhl' o cp { " uwvclpcdr' r tcevegu" ku' j ki j . " hwt vj g' g' hqt v' ctg' pggf gf " vq' kpet gcug' wpf gt uvc' pf kpi " cpf " cf qr vq " qhl' hgu' r tqo kpgv' r tcevegu0T geqo o gpc' v' kpu' kpenf g' gpj cpegf " v' c' k' kpi " r tqi tco u. " r qrl { " uw' r qtv' " cpf " i t' gcv' t' uvcngj qrf g' " gpi ci go gpv' vq' " h' qvgt " eqo r t' g' j g' p' kxg' uwvclpcdrkx { " lpvgi tcv' vq' y kj kp' vj g' kpf wut { 0' **Keywords** < "Uwvclpcdr' eqput wevkp. " cy ctgpguu'rgxgn'gpvktqpo gpcn'ko r cev'ectdqp" go kuukp' eqput qn' uvcngj qrf g' " gpi ci go gp0'

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### FORMULATION AND CHARACTERIZATION OF PHARMACEUTICAL SUSPENSIONS BASED ON A NATURAL COMPOSITE MATERIAL BASED ON COLLOIDAL PARTICLES OF MICROCRYSTALLINE CELLULOSE COATED WITH OSA-STARCH

BOULHAIA Imene<sup>1</sup>, MOULAI-MOSTEFA Nadji<sup>2</sup>, HADJSADOK Abdelkader<sup>3</sup>, AOUABED Ali<sup>3</sup>

<sup>3</sup>F gr ct vo gpv'qh'Dkqrqi {.'Hcewm' 'qhl'P cwt cr'cpf 'Nkg'Uekgpegu.'Wpkxgt uk' 'qhl'Drk'c'3.'Tqwg'f'g' Uqwo cc.'2; 222'Drk'c.'Cni'gt'kc''

<sup>4</sup>NO G.'Wpkxgt uk' 'qhl'O gf gc.'Ckp'F'aj'gd.'48223'O gf gc.'Cni'gt'kc''

<sup>5</sup>NCHRE.'Wpkxgt uk' 'qhl'Drk'c'3.'Tqwg'f'g'Uqwo cc.'2; 222'Drk'c.'Cni'gt'kc''

#### ABSTRACT

Kp"vj g" hknf"qh"o cvgtkcn"tgugctej."vj g"fgxgnr o gpv'qh'r qn' o gt"pcpqqo r qukgu"ku" go gti kpi "cu" c" o wnk' luekr' n'pct { "tgugctej "cevkxk' "y j qug"t guwmu"eqwf "dtqcf gp"vj g" hknf "qh" cr r' n'ecv'kp"qh"r qn' o gtu' Vj gug"o cvgtkcn."y j gt g"vj g"r ct v'eng" f ko gpukapu"ct g"kp"vj g"pcpqqo gvt"t'cpi g."i gpgtcm' "j cxg"uwr g'ktqt" r gthqto cpeg"vq"vj cv'qh"v'cf k'k'qpcn'eqo r qukg'o cvgtkcn."r ct v'ewr'ctn' "y kj "tgi ct f "vq"vj g'kt" o gej c'p'lecn' r tqr gt v'ku'c'pf "vj g'kt"vj g'to c'nt'gukucpeg'f'wg'vq"vj g'j' qo qi g'p'g'q'w'f' kur g'uk'q'p"qh'r ct v'eng'u'q'h'uk' g'p'c'p'qo g'v'le" Cxlegr'n'y j lej "ku"q'p"vj g'o ct n'g'v'w'p'f'gt "vj g'p'co g'Cxlegr'n'E'7; 3."c"uwr g'p'f' kpi "c'p'f' "uc'd'k'k' kpi "ci' g'p'v'w'ug'f" kp"vj g"r j cto cegw'lecn'hqto w'v'v'kp"qh"uwr gpukapu."c'p'f' "ku"y k'f'gn' "w'ug'f" "kp" C'ni'gt'kc'0'Vj ku" kpi t'gf' k'g'p'v'ku" eqo r qugf "qh" p'c'p'q/uk' gf " o letqet { u'c'n'k'p'g" e'g'm'w'q'ug" y j lej "ku" eq'c'v'g'f" d { " u'q'f' k'wo " e'c't'd'q'z { n' o g'y { n' e'g'm'w'q'ug'0

Kp"vj ku"r ct v'qh"vj g'y q'tn'y g"y gt g"kp'v'g'ug'f" "kp"eqo r ct kpi "vj g"r tqr gt v'ku"qh"vj g"eqo o gtekn'r t'q'f' w'v' Cxlegr'n'E'7; 3"y kj "QUC/E'gn"y j lej "ku"q'p'n' "c" u'w'd'uk'w'w'k'q'p"qh"u'q'f' k'wo " e'c't'd'q'z { o g'y { n' e'g'm'w'q'ug"y kj " U'q'f' k'wo "Q'ev'g'p' { n'U'c'tej "U'w'ee'k'p'c'v'g" \*QUC/u'c'tej +."y j lej "o c'ng'u" k'r qu'k'd'ng'v'q"n'y g"t'vj g' u'w'h'c'eg'v'g'p'uk'q'p" c'p'f' "k'p'et'g'c'ug'v'j g'x'k'ue'q'uk'v' "qh"vj g'eq'p'v'k'p'w'q'w'u'r j c'ug'c'p'f' "v'q"i' k'x'g'k'v'c'r' n'w'v'le"t'j g'q'q'i' l'ec'n'd'g'j' c'x'k'q't'0'k'p"q't'f' g't" v'q" g'p'uw't'g'v'j g' u'c'd'k'k'v' "qh"vj g'f' kur g't'ug'f' "u' { u'v'go . "u'w'r' gp'uk'q'p'hqto w'v'v'kp'u'j' c'x'g'd'g'g'p' e'c't't'k'g'f' "q'w'v'q'x'c'q'k'k' g" v'j gug'eqo r qukg'o cvgtkcn'y kj "ug'x'g't'c'n'ej' c't'c'ev't'k'k' c'v'k'q'p"o g'y q'f' u'0

**Keywords:** Uwr gpukap'r j cto cegw'ks wg.'O letqet { u'c'n'k'p'g" e'g'm'w'q'ug."QUC/U'c'tej . 'Eqo r qukgu."U'w'h'c'eg" v'g'p'uk'q'p."T'j g'q'q'i' { 0

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### A CRITICAL EVALUATION OF THE EFFICACY OF ENVIRONMENTAL POLLUTION LAWS IN PAKISTAN

<sup>1</sup>Ayesha Kiran

<sup>3</sup>Eqmgi g'qhlNey. 'I qxgtpo gpvEqmgi g'Wpkxgt ukaf 'Hckucrcdf. 'Hckucrcdf. 'Rcnkucp0' QTEKF <222; /222: /: 469/9433"

<sup>2</sup>Ghulam Murtiza

<sup>4</sup>Eqmgi g'qhlNey. 'I qxgtpo gpvEqmgi g'Wpkxgt ukaf 'Hckucrcdf. 'Hckucrcdf. 'Rcnkucp0'

<sup>3</sup> Amna Yousaf

<sup>5</sup>Kpukmwg'qhlCi t kewnwt crl'cpf "Tguqwt eg"Geapqo leu. "Wpkxgt ukaf "qhlCi t kewnwt g'Hckucrcdf. 'Hckucrcdf. "Rcnkucp0"

#### ABSTRACT

Gpxktqpo gpvcr' r qmwkqp"ku"o clqt "kuuwg"lp"Rcnkucp."y kj "uwducpvcr'ko r rlecvkqpu"lqt"r wdrlc"j gcnj . "dlqf kxgtukv{ . "cpf "qxgtcm's wrkv{ "qh"rlhg0Ceeqtf kpi "vq"Rcnkucp)u"Gpxktqpo gpv"Rtqvgevkqp" F gr ctvo gpv." vj g"cxgtci g'rgxgr'qhl'r qmwkqp"lp"Rcnkucp"ku"cm quv'hwq"vko gu"j ki j gt"vj cp"vj g"Y J Qu"tgeqo o gpf gf "rgxgr'Gpxktqpo gpvcr' r tqvgevkqp"ci gpeku'y qtrf y kf g."kpenwf kpi "vj qug"lp"Rcnkucp."tcpnl'ckt"cpf "y cvgt" r qmwkqp"cv'vj g"vqr "qh"vj gkt"rlu0Ceeqtf kpi "vq"o Hct "Hlpcpeg"Rcnkucp"tgr qt v."Rcnkucp"j cu"vj g"j ki j guv' tcvg"qh"fkugcug"cvtkdwcdrg"vq"ckt"r qmwkqp"djg kpf "kpf k"cpf "Ej kpc."y kj "478.222"hcvrkku"gej "{ gct0' Rcnkucp"j cu"; 9.; 22"hcvrkku"r gt "{ gct "Htqo "r qqt"y cvgt"cpf "ucpkcvkqp."76.222"qh"y j lej "ctg"ej kf tgp" wpf gt "Hkxg0'Rcnkucp."y kj "vj g"y qtrf u"lkhj /rti guv'r qr wrvkqp."gzt gkpegu"r qqt"ckt"cpf "y cvgt"s wrkv{ "cpf "tgi wret"lpet gculpi "vgo r gtcwt gu0kpf wutken'go kuukqpu."ci tlewnwt ent'wpqhl "uqkigt qukqf. "f ghqt guvkvkqp." cpf "r qqt"y cvgt"o cpci go gpv'tgcvo gpv'hcckkku"ctg"vj g"rgcf kpi "ecwugu"qh"gpvcr' r qmwkqp"lp" Rcnkucp0"Vj g"o clqtkv{ "qh"gpvtr tkugu"lp"Rcnkucp."kpenwf kpi "vj qug"lpvqrkfg"lp"vgzvkgu."ej go kecu." r j cto cegwkecu."ego gpv."i ruu."egtco leu."grgevtkecn'cpf "grgevtqple"gs wr o gpv."r wr "cpf "r cr gtdqctf ." rgcvj gt "cplkpi . "cpf "ej go kecu."j cxg"go dtcegf "kpcr r tqr tlcvg'y cvgt" f kur qucn'gej plsvgu0Y cvgy cvgt"j cu" wtp"qw"vq"dg"e"j ki j rki j vgf "tqwdrg"lp"cmhwpf co gpvcr'leqo o gtekr'ekku."kpenwf kpi "qh"Mtcej k"Ncj qtg." Hckucrcdf. "O wncp."J { f gtdcdf. "Tey cr kpf k0'Qpn{ "uqo g"ekku"j cxg"o kpk wo "tgo gf { "hcckkku0'Vj g" cdugpeg"qh'cp"cr r tqr tlcvg'tgcvo gpv'o gj qf "eqpvtkwgu"vq"gpvcr' r qmwkqp0"kp"4244. "Rcnkucp" tcpngf "398vj "qw"qh"3: 2"eqwvtkku"y qtrf y kf g"d{ "vj g" Gpxktqpo gpvcr' Rgtlqt o cpeg" kpf gz0'Vj g"uwf { " cpcn{ | gu"Rcnkucp)u"gpvcr' r qmwkqp"rey u."gzco kpgu"vj gkt "ghhece { "cpf "ko r rgo gpvkvkqp"kuuwgu." cpf "uwi i guv'r quukdr'ugnwkp0D{ "cpcn{ | kpi "ewtt gpv'rgi crl'htco gy qtmu"cpf "gphqtego gpv'o gej cpkuo u." vj ku"uwf { "r tqxkf gu"kpuki j w"lpvq"j qy "Rcnkucp"o c { "o qtg"ghgevkgn{ "eqpvt qn'gpvcr' r qmwkqp" vj tqwi j "hgi kurvkxg'tghqto u"cpf "ko r tqxgf "i qxgtcpcego'

**Keywords:** Gpxktqpo gpvcr' r qmwkqp=" rey u" cpf " tgi wrvkqpu=" ghgevkxg" ko r rgo gpvkvkqp=" pcvkvpcn' gpvcr' r qmwkqp" wrkv{ "ucpfc tf u="qxgtr qr wrvkqp="wptgi wrvqf "wtdcpk cvkqp0"

**III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE**

**EVALUATING THE AMELIORATIVE EFFECTS OF NATURAL HERBAL SUPPLEMENTS ON HEAVY METAL TOXICITY IN COMMON CARP (*CYPRINUS CARPIO*)**

*Adan Naeem\*, Syed Makhdoom Hussain, Danish Riaz, Zubair-ul-Hassan Arsalan, Muhammad Adnan Khalid, Zeeshan Yousaf, Muhammad Amjad and Eman Naeem*

*, Hkuj "Pwntkkap" Ncdqtcvqt { .F grctwo gpv'qh\ qqri { .T qxgt po gpv'Eqngi g'Wpkxgt uk\ .Hckurc dcf . " Rcnkucp "*

**ABSTRACT**

Vj ku"tugctej "kpxguki cvgf "vj g" ghgevkxpguu"qh"pcwtcn'j gtdcn' uwr r ngo gpw"kp"tgfwelkpi "vj g"j cto hwi ghgeu"qh'j gcx { "o gvcn" \*J O u"vzlek\ "qp" E { rtkpw'ectrkq "80750203"i Hkuj +0Vj ku"uwf { "gxcncvvgf "vj g" r qvpgvkn' r tqvgevkxg"ghgeu"qh'pcwtcn'j gtdcn' uwr r ngo gpw"qp"vj g'i tqy vj . 'dqf { 'eqo r qukkap. 'j go cvqri { . " f ki guvdkk\ " cpf " rixgt " j kvqr cvj qri { " qh' Eqo o qp" ectr " ci clpuv' vj g" o kzwtg" qh' J O u' k\ " r j cug" 3. " hpi gtrpi u' y gtg" gzzr qugf " vq" c" o kzwtg" qh' J O u' uwej " cu" \*322" Ûi IN" Ngcf " cegcvg" vki { ftcvgrd " \*E4J 5Q4+ 5J 4Q= 472" Ûi IN" ecf o kwo " ej mtkf g" cpj { ftqwuE fEn= " : 22" o i IN" | kpe" uwhtcvg" j gr vj { ftcvgr pUQ6 9J 4Q" cpf "407" o i IN" eqr r gt " uwhtcvgr EwUQ607J 4Q" cpf " k\ " r j cug" 4. " ugxgp" i tqwr u' y gtg" guvdkkuj gf " uwej " cu" eqvtqn' r qukkxg" i tqwr " \*EQP - xg. " J O " g" zr quwtg" - " y kj qw' cp { " vgcvo gpv+ " eqvtqn' pgi cvkxg" i tqwr " \*EQP / xg. " y kj qw' J O " g" zr quwtg+ " cpf " h\ g" i tqwr u' y kj " 3' " wto gtle " \*VWT + " elppco qp " \*E WT + " i kpi gt " \*I K + " i ctrle " \*I CT + " cpf " vj gkt " o kzwtg " \*O KZ + " tgr gevkxgn { 0C " vqcn' qh' 537 " hpi gtrpi u' y gtg' u' j kvgf " vq" gzzr gtko gpv'cn' vcpm. " Q. " 37 " hpi gtrpi u' r gt " vcpm " cpf " ugxgp" i tqwr u' y gtg' o cf g" k\ " vkr necvgr 0Vj g' tguvnu' f go qputcvgf " vj cv' vj g' ectr " gzzr qugf " vq" J O u' cn' pg' uwhtg gf " f gtko gpv'cn' j gcnj " ko r ceu' k\ " eqvtcu. " y j gp " vj g" hkuj " vgcvgf " y kj " pcwtcn' j gtdcn' uwr r ngo gpw. " O KZ " i tqwr " gzzr kdkgf " pqvlegcdrg' r qukkxg' ko r tqxgo gpw' k\ " eqpenwukqp. " vj g' uwf { " uwi i guv' vj cv' pcwtcn' j gtdcn' uwr r ngo gpw' ctg" r qvpgvkn' uqmwkqp " vq" eqwvgtcev' J O u' vzlek\ " k\ " E { rtkpw'ectrkq0

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### INVESTIGATING THE IMPACT OF *ALOE VERA* DIETARY SUPPLEMENTATION ON THE WELL-BEING AND PHYSIOLOGICAL RESPONSES OF *CATLA CATLA*

Eman Naeem\*, Syed Makhdoom Hussain, Danish Riaz, Zubair-ul-Hassan Arsalan, Muhammad Adnan Khalid, Muhammad Faisal, Muhammad Amjad and Adan Naeem

, Hkuj "Pwtkkqp" Ncdqtcvqt { . F gr ctwo gpv'qh\ qqri { . T qxgt po gpv'Eqngi g'Wpkxgt ukv\ . Hckurc dcf . " Rcnkucp "

#### ABSTRACT

Cnqg" dcdcf gpuku" \*NO" O kn0" \*CO'xgtc+"ku" c"y gmtgeqi pk gf " j gtdcn' uwr r ngo gpv'kp" cs wcewnwtg" hggf u. " npqy p' hqt 'ku'cdkkr\ 'v' r tqo qvg" i tqy vj " cpf " f ki gukxg" j genj 0Vj ku' t guctej " f go qpuctvgu" vj g' dgpghkcn' ghgevu' qh' lpeqtr qtcvpi " CO'xgtc" uwr r ngo gpv'kp" vj g' f kv'qh' hpi gtrpi u' qh' Ecw " ecw: 0492" hpi gtrpi u' qh' E0'ecw " \*8072025" i + " gcej " y gtg" tcpf qo n\ " f kntkdwgf " kvq" ukz" i tqwr u0' Gcej " i tqwr " y cu" vguvf " kp" vkr rdcvg" cpf hgf " f kvu' y kj " gs wcnco qwpv' qh' lcpqr" o gcnlcpf " xct { kpi " hgxgu' qh' CO'xgtc" uwr r ngo gpv'kqp < 2' . "3' . "4' . "5' . "6' . " cpf "7' 0Vj g" r wtr qug" y cu" vq" kpxguki cvg" vj g" ko r cev' qh' vj gug" f kvu' qp" i tqy vj . " ectecuu' eqo r qukxqp. " pwtlcpvu. " cpf " j go cvqmi { 0Vj g' hpi gtrpi u' y gtg' hgf " cv' c' tcv" gs wxcrgpv' vq' 7' " qh' vj gk' hkg' y gv' ddf { " y gki j v0Vj g' qweqo gu' kpf kcvgf " vj cv' hpi gtrpi u' vj cv' y gtg' i kxgp" c' f kv' uwr r ngo gpvf " y kj "5' " CO'xgtc" uc' y " c' uwducp' vcn" r " > "207+ kpetgcug' kp" y gki j v' i tqy vj " \* + cpf " cp' ko r tqxgo gpv' kp' hggf " eqpxgt ukqp' tcvk0Vj g' i tgcvgu' v' ddugt xgf " f ki gukdkr\ " eqghkclgpv' qh' pwtlcpvu. " pco gn\ " etwf g' r tqvklp. " i tquu" gpgti { . cpf " etwf g' hcv. " cpf " vj g' qr vko cnlectecuu' xcnwgu. " kpenmf kpi " hcv' cpf " etwf g' r tqvklp' eqpvgpv. " y gtg' cnuq" f qewo gpvf " cv' vj g' uco g' ngxgn' cu" CO'xgtc 0Vj g' t guwn' htqo " j go cvqmi { " cpcn\ uku" kpf kcvgf " uki pklcpv' f khtg' pgegu" r " > "207+ kp" vj g' hgxgu' qh' Y DEu. " TDEu. " RNV. " cpf " J d' y j gp' hkuj " y gtg' hgf " c' f kv' lpeqtr qtcvpi " 5' " CO'xgtc 0Uwr r ngo gpv' kqp" y kj " CO'xgtc" f qgu' pqv' c' hge' v' O E J E. " O E J . " cpf " O E X 0 Uelgpv' hle" g' xlf gpeg" f go qpuctvgu' vj cv' cf f kpi " CO'xgtc" vq' vj g' f kv' qh' E0'ecw" hpi gtrpi u' rcf u' vq" c' eqpuk' g' tcdng' ko r tqxgo gpv' kp" vj gk' r gthqt o cpeg. " gur gekm\ " y j gp' uwr r ngo gpvf " cv' c' ngxgn' qh' 5' 0Vq" gpj cpeg" vj g' wkn\ cvkqp" qh' CO' xgtc" cu" c' uwr r ngo gpv' kp" cs wcewnwtg. " kv' ku' etwekn' vq" eqpf wev' c" o qt g' eqo r tgi gpukxg" cpf " eqo r ctcvkxg" uwf { 0'

**Keywords:** "Cs wcewnwtg" hkuj " pwtkxqp. " pwtlcpv' f ki gukdkr\ . " ddf { " eqo r qukxqp. " dmqf " kpf kvu' "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### PHYSICAL, MECHANICAL, AND THERMAL CHARACTERISTICS OF POLYPROPYLENE COMPOSITES CONTAINING WALNUT SHELL FLOUR

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*Zineb El Hamri<sup>1</sup>, Ibrahim Maouhoubi*

*<sup>3</sup>Vgco "qhlkppqxcvkxg'O cvgtkcn'cpf 'O ge j cplecn'O cpwlc ewt kpi 'Rt qeguugu.'GPUCO.'Wpkxgt ukf'"  
O qwrc { 'Kio ckn'DR0374; 2.'Cil'O cpuqwt.'O gmpgu.'O qt qeeq0'*

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#### ABSTRACT

Kplgevkqp/o qrf gf "uco r ngu'y gt g"rtqf wegf "wukpi "y cnpw'uj gmlhqw"cpf "r qnr r tqr { rpgg."dqj "y kj "cpf " y kj qw'o crgle"cpj { f tkf g/i tchgf "r qnr r tqr { rpgg"O CRR+."cv'y cnpw'uj gmlhqw"eqpvgru'qh'62' .72' ."  
cpf '82' "d { 'y gli j v0Cu'hkngt"eqpvgru'kpet gcugf . 'y g'dgpf kpi "cpf "vgpukg"o qf wwu'qh'y g'eqo r qukgu'tqg"  
uki pklcepw{."y j kg"dgpf kpi "cpf "vgpukg"ut gpi vj u'uj qy gf "pqvcdng"f get gcugu0'Y cvgt "cduqtr vkp"cpf "  
vj kempgu"uy gmkpi "cnuq" kpet gcugf "y kj "j ki j gt "hkngt" rxxgn0' Vj g" c f f kkp"qh'O CRR" gpj cpegf "vj g"  
kpvgt hcelcn'dqpf kpi "dgy ggp'vj g'y cnpw'uj gmlhqw"cpf "vj g'r qnr o gt "b cvtk0C'hqto wrcvkp'qh'62' "y cnpw"  
uj gml' hqw. "79' "r qnr r tqr { rpgg."cpf "5' "O CRR" ku" uwkcdng" hqt "qwf qqt" cr r rlec vkpu" y j gt g" j ki j "  
f lo gpukqpen'ucdkkx{ 'ku'tgs wkt gf 0'

**Keywords:** "Rqr r tqr { rpgg."Eqo r qukg."O ge j cplecn'cpf "Gpf /Wug'Rtqr gt vku."Y cnpw'uj gml'

"

#### REFERENCES

]3\_<C0M0Dngf | nk'gv'cr0'Rtqi t guu'kp'Rqr o gt "Uelkpeg"\*3; ; ; +0

]4\_<J 0Rktc { guj 'gv'cr0'Ego r qukgu'Rctv'D"\*4234+0

]5\_<R0X0Lqur j 'gv'cr0'Ego r qukgu'Rctv'c'<Cr r rkgf "Uelkpeg'cpf "O cpwlc ewt kpi "\*"4225+0

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### CONCEPT OF RATION BALANCING IN MITIGATING ENTERIC METHANE EMISSION IN DAIRY COW

<sup>1</sup>Dona Mary Eldhose, <sup>1</sup>Jasmine Rani K and <sup>2</sup>Sejian V

<sup>3</sup>/*Equine g'qilXgvt kpcct { 'cpf 'Cpko cniUekppeg. 'Rqqmf g. 'Y c { cpcf. 'Mgt crv. 'Kpf kc "*

<sup>4</sup>/*Tclx'I cpf j k'Kpuakwng'qilXgvt kpcct { 'Gf wecvkqp'cpf 'Tgugct ej. 'Mwt wo dcr gv. 'Rwf wej gtt { . 'Kpf kc "*

#### ABSTRACT

Vj g'f ckt { 'kpf wut { 'ku'c'xkcnrlkxgnlj qqf 'uqwtg'htq' b' knkqpu'qhl'uo cmj qrf gt 'hcto gt u'k'Kpf kc'cpf 'f g'xgnr kpi " pcvkqpu."y j gt'g'92' "qh'o km'r tqf wegtu'hceg'tguqwtg'eqpwtckpu'Qr vo k kpi "f ckt { "r tqf wevkvk' "cpf " gpxltqpo gpvni'uwvckpcdkrkv{ 'tgrku'j gcxkn' "qp'ghlekgpv'hggf kpi "r tcevegu."y j lej "ceeqwv'htq'82/92' "qh' r tqf wevkvk' "equu'Vckrtqgf "pwtkklqp"r tqi tco u"ecp"gpj cpeg"cpko cni'r gthqt o cpeg."j gcnj ."cpf "y g'htg" y j kg" o kpi k kpi " geqni lecn' ko r cev' D { " gpwt kpi " qr vo cni' pwtkpv' kpcng." hcto gt u" ecp" ko r tqxg" r tqf wevkvk' . 'ghlekgpe { . 'cpf "r tqhckdkrkv{ 'y j kg" o kpi k kpi "gpxltqpo gpvni'qqr tlv'ODc'ppegf "pwtkklqp" cnuq"go gti gu'cu'c'etk'lecn'vqni'htq' tgf wekpi "two kpcv'i tggpj qwug"i cu"go kuukqpu."y kj "tcvkvk' dcrpekp " r t'pek' rgu'qil'htq' kpi "c"r tqxgp"cr r tqcej "v"gpj cpeg'hggf "wvkvk' cvkqp."r tqf wevkvk' . "cpf "uwvckpcdkrkv{ 'O'Vq" gpwtg'r tqf gt "cpko cni' gcnj "cpf "r tqf wevkvk' . 'y j g'tcvkvk' 'uj qwf "dg" c' y gm' dcrpegf . 'r crv' dng. 'cpf "gcukv{ ' f ki guv' dng" eqo d'kpcvkvk' "qh' f k'xgtug" hggf u. "kpenf kpi " o k'p'gcn' tlej "cpf "i tggp" hqf f gt "eqo r qpgpw."y kj " ectgh'ni'eqpuk' g'tcvkvk' "qh' d'wm" equv. "cpf "i tcf w'ni'ej cpi gu'K' r ngo gpvcvkvk' "qh' d'crpegf "hggf kpi "tgi ko gu" j cu"gpj cpegf "hggf "eqpxgtukqp" tcvkvk' . "dqquv'gf "o km' { k'grf u. "cpf "k'petgcugf "o k'etqdk'ni' r tqv'kp" u { pvj guku" y j kg" o kki cvkpi " o gvj cpg" go kuukqpu" k'p" eqy u" cpf " d'w'hc'ng'gu" w'pf gt "r tceve'cn' h'k'grf " eqpf k'k'qpu' Vj ku" pwtkklqpcni'qr vo k cvkqp" r'kn'gn' "cngtu" vj g'xq'rc'v'ng" h'w'f "cekf "r tqh'kg. "h'cxqt'kpi " g'ng'xcv'gf "r tqf k'q'pcv'g" cpf " tgf wegf "ceg'cv'g" r'x'g'nu. "y j gt gd { "f ko k'p'kuj kpi " o gvj cpg" r tqf wevkvk' O'Uw'f k'gu' t'g'x'g'cn' t'gr' r'ek'pi " c'ri'c'ri'c' "y kj " eqtp" uk'ni' g'cpf "i t'cl'p" eqtp" y kj "i n'w'gp" hggf " { k'grf u" uw'v'ck'p'v'cn' go kuukqpu" tgf wevkvk'pu. "r tko ct'kn' "f w'g" vq" gpj cpegf "uq'ki'ectdqp" ugs w'g'ut'cvkvk' O'C" eqo r t'g'j gpuk'x'g' r'k'g' e { eng' cu'gu'uo gpv' qh' f ckt { "o km'r tqf wevkvk' . " h'qo 'et'cf'ng'v'q' h'cto 'i' cv'g. 't'g'x'g'c'ng'f "gpv'gt'le" o gvj cpg'cu'v'j g'r tko ct { 'f t'k'x'gt' qh'ku'ectdqp' h'q'q'r t'k'p'OP' q'v'cd'ng' . " cf q'r v'kpi " d'crpegf "hggf kpi "r tceve'gu" uw'v'ck'p'v'cn' { "o kki cv'gu" o km'u'ectdqp" k'p'v'g'puk'v{ 'O'Vj' g't'gh'q't'g. " tcvkvk' " d'crpekp " w'ukpi " m'ecm' { "cx'k'c'rd'ng' hggf "t'gu'q'wt'eg" r t'g'ug'pw" c'x'k'c'rd'ng' cpf "g'h'g'e'v'k'x'g" ut'cv'gi { "h'q' "t'gf wekpi " gpv'gt'le" o gvj cpg'go kuukqpu" k'p' f ckt { "ec'w'ng'0

**Keywords**—Dcrpegf "pwtkklqp."i tggpj qwug"i cu."o gvj cpg"go kuukqpu"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### DÖVİZ KURU İLE ALT ANA GRUP TÜKETİCİ FİYAT ENDEKSLERİNİN ZAMANLA DEĞİŞEN NEDENSELLİK YÖNTEMİYLE ANALİZİ ANALYSIS OF EXCHANGE RATE AND SUB-MAIN GROUP CONSUMER PRICE INDICES WITH TIME-VARYING CAUSALITY METHOD

Dr. Öğr. Üyesi Hatice BOZKURT

Qtf w'©pkxgt ukxguk'©p{ g" DH' mñac v'D/4ã Å"

QTEK "K <2222/2224/: 399/355: "

#### ÖZET

Dw'±cn o cf c."VÅnk{ g" gnppqo kulpf g" 4227-23/4246-29" f³pgo kpf g" f³k{ "mwt wpf cp" hk{ cvrtc" f q tw' o wj vgo grl'rk nk'pgf gpugnkn'cpcrk k'±gt±gxgukpf g" lpegrgo k vkt0'Dw'co c±rc." j cteco c"i tw rct,pc"i ¾g" vÅngvek' hk{ cv' gpf gmurt k' dgrt ngpo k "xg" f³k{ "mwt wpf cp" dgrt ngpp" gpf gmurt g" f q tw' knrk' pgf gpugnkn' k k nktg' vgr k' gf kn k vkt0'F g k ngprgt "k±p" vgr k' gf krgp" { cr, ucrlmt, m crrt, p. "n±uc { ,ret, p" | co cp "k±pf g" f g k o gulkp" pgf gp" qrdkrgg k' ¾pi ¾ ÅuÅ" krg" NC/XCT" o qf grkpg" fc { cn" | co cprc" f g k gp" I teci gt" pgf gpugnkn' cpcrk k' w{ i wrcpo , v,t0' \ co cprc" f g k gp" pgf gpugnkn' cpcrk k' uqpw±rt,pc"i ¾g." VÅnk{ g" gnppqo kulpf g" f³k{ "mwt wpf cp" ug±krgp" hk{ cv' gpf gmurt kpg" f q tw' pgf gpugn' k k nkpk" xctn , " vgr k' gf kn k vkt0'Grf g'gf krgp'dwri wrc. "f³k{ " qmct,p,p'xg'mwt'o Åf c j crgrt kpk" { c cpf , , f³pgo rgt f g'mwt f cp" hk{ cv' gpf gmurt kpg" f q tw' pgf gpugnkn' k k nkpk' qtwc { c" nq { o w wt0'Mwt "krg"i , f c' hk{ cv' gpf gmik' ctcu, pf cnk' k k nk'423: "mwt" qmwpf cp' kkdct gp' ngulpvuk{ "qrcnif gxco "gvo k vkt0'Mqpw' hk{ cv' gpf gmik' krg" mwt' ctcu, pf c" lug'4238" { , npf cp' kkdct gp' uÅt gmik' pgf gpugnkn' k k nkpk" xctn , "i ¾ ngpo k vkt0'F ¾k{ "mwt w'krg" gp' hc | rc" f³pgo f g' pgf gpugn' k k nk' g' ucj k' "qrc p' gpf gmik' nqpw' hk{ cv' gpf gmik' qrf w' vgr k' gf kn k vkt0"

**Anahtar Kelimeler:** F³k{ "Mwt w." VÅngvek' hk{ cv' gpf gmik' | co cprc" f g k gp" I teci gt' pgf gpugnkn' cpcrk k

**Jel Kodları:** G52.'G53.'E54

#### ABSTRACT

Kp'vj ku'wfw { . 'vj g'r qukdrg't grvqpuj k' 'Itqo "gzej cpi g'tcvg'vq'r tlegu'kp'vj g'Vwtnkuj "geqpqo { 'kp'vj g'r g'kqf " 4227-23/4246-29'y cu'gzco kpgf "y kj kp'vj g'ltco gy qtniqh'ecwucrk{ 'cpcn{ uku0'Hqt "y ku'r wtr qug." eqpuwo gt" r tleg'kpf legu'y gt g'f gvt o kpgf "ceeqt f kpi "vq" g'zr gpf kwg' i tqwr u'cpf "dkpct { "ecwucrk{ 't grvqpuj k' u'ltqo " gzej cpi g'tcvg'vq" f gvt o kpgf "kpf legu'y gt g'f gvt o kpgf 0'Ulpeg" vj g' ut wewrcn' dt gcmi' f gvt o kpgf "hqt" vj g' xctkdrgu' b c { "ecwug' vj g' eqgh' h' krgpu' vq' ej cpi g'qxgt "vko g. vko g/xct { kpi "I teci gt' ecwucrk{ "cpcn{ uku' dcugf" qp" NC/XCT" o qf grl' y cu' cr r rkgf 0' Ceeqt f kpi "vq" vj g' t guwmu" qh' vko g/xct { kpi "ecwucrk{ "cpcn{ uku." vj g' gzlvgep" qh' c' ecwucn' t grvqpuj k' 'Itqo "gzej cpi g'tcvg'vq' ugrgevgf "r tleg'kpf legu'kp'vj g'Vwtnkuj "geqpqo { " y cu' f gvt o kpgf 0'Vj g' h' kpf kpi u't g' xgrgf "vj g' ecwucn' t grvqpuj k' 'Itqo "gzej cpi g'tcvg'vq' r tleg'kpf legu' f wt kpi " r g'kqf u' qh' gzej cpi g'tcvg'uj qemu" cpf "gzej cpi g'tcvg' k' vgt xgrvqpu' 0' Vj g' t grvqpuj k' "dgvy ggp" gzej cpi g' tcvg" cpf "hqqf" r tleg' kpf gz" j cu' eqpvkpwgf " wlpvgtt w' vgf n{ " ukpeg" vj g' 423: " gzej cpi g' tcvg' u' j qen0' C" eqpvkpwqu' ecwucn' t grvqpuj k' 'j cu' dggp' qdugxgf "dgvy ggp" vj g' j' qwukpi "r tleg'kpf gz" cpf "vj g' gzej cpi g'tcvg' ulpeg" 42380'K' j cu' dggp' f gvt o kpgf "vj cv' vj g' kpf gz" y kj "vj g' o quv' r g'kqf k' "ecwucn' t grvqpuj k' "y kj "vj g' gzej cpi g'tcvg' ku' vj g' j' qwukpi "r tleg'kpf gz0"

**Keywords:** Gzej cpi g'Tcvg. "Eqpuwo gt" Rtleg'kpf gz. "Vko g'xct { kpi "I teci gt' ecwucrk{ "cpcn{ uku0"

**Jel Codes:** G52.'G53.'E54



### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### KÜRESEL VE YEREL GIDA VE ENERJİ FİYATLARININ ENFLASYON ÜZERİNDEKİ ETKİLERİ: TÜRKİYE ÖRNEĞİ

#### THE EFFECTS OF GLOBAL AND LOCAL FOOD AND ENERGY PRICES ON INFLATION: THE CASE OF TURKEY

Dr. Öğr. Üyesi Hatice BOZKURT

Qtf w'©pkxgt ukxguk'©p{ g" DH" mñac vD³/4Äo Ä"

QTEK "KF <2222/2224/: 399/355: "

#### ÖZET

Dw'±cn o cf c"VÄnk{ g"gnppqo kulpf g"mÄ gugn'i ,f c"xg"gpgtlk'hk{ cvwt, "kg" { wt vkt'i ,f c'hk{ cvwt, p, p"i gpgn' gphru{ qpc"i g±k "gnuk'ctc vt, m, , vt042320 23/42460 25" f³pgo k'k±p" c { n, m, x, g, t, k, g, t, h, w, m, c, p, r, c, t, n, i, g, u, k, t, r, k' h, g, n, e, p, u, n" H, q, w, t, k, g, t, " h, q, p, m, u, k, {, q, p, n, w" D, q, q, u, w, t, e, r " C, T, F, N" { c, m, e, , o, , " k, g, " f, g, k, n, g, p, r, g, t, " c, t, c, u, p, f, c, n, k' g, d, Ä, v, Ä, p, r, g, o, g, " k, r, k, n, k, t, k' v, g, u, v, g, f, k, r, o, k, v, t, 0, D, w, i, w, r, e, t, 'i, g, p, g, n, v, Ä, n, g, v, e, k, h, k, {, c, v, g, p, f, g, m, u, k, " {, w, t, v, k, t, i, , f, c, " Ä, Ä, p, r, g, t, k' v, Ä, n, g, v, e, k, h, k, {, c, v, g, p, f, g, m, u, k, " m, Ä, g, u, g, n, i, , f, c, " h, k, {, c, v, g, p, f, g, m, u, k, " x, g, " m, Ä, g, u, g, n, i, g, p, g, t, l, k, ' h, k, {, c, v, g, p, f, g, m, u, k, " f, g, k, n, g, p, r, g, t, k' c, t, c, u, p, f, c, " g, d, Ä, v, Ä, p, r, g, o, g, " k, r, k, n, k, u, k, " q, r, i, f, w, w, p, w, i, ³, 4, v, g, t, o, g, m, g, f, k, 0, M, u, c, " f, ³, p, g, o, f, g, g, p, h, r, u, {, q, p, " Ä, g, t, k, p, f, g, g, p, 'i, Ä, ±, Ä, ' g, v, n, k, {, g, ' u, c, j, k, r, ' f, g, k, n, g, p, r, g, t, k, p, ' v, Ä, n, g, v, e, k, ' g, p, h, r, u, {, q, p, w, p, w, p, " n, g, p, f, k, i, g, ±, o, k, " f, g, g, t, r, g, t, k' x, g, " i, , f, c, " Ä, Ä, p, r, g, t, k' v, Ä, n, g, v, e, k, h, k, {, c, v, g, p, f, g, m, u, k, " q, r, i, f, w, w, ' v, g, u, r, k, ' g, f, k, r, o, k, v, t, 0, ' I, g, p, g, n, v, Ä, n, g, v, e, k, ' h, k, {, c, v, g, p, f, g, m, u, k, p, f, g, n, k' m, u, c, " f, ³, p, g, o, f, g, n, k' u, c, r, o, c, r, e, t, " {, c, m, e, , m, ' Ä, ±, c, {, f, c, " w, ' w, p, " f, ³, p, g, o, " f, g, p, i, g, " f, g, g, t, k, p, g, ' w, r, e, c, e, m, t, 0, W, w, p, " f, ³, p, g, o, f, g, k, u, g, " {, w, t, v, k, t, i, , f, c, " Ä, Ä, p, r, g, t, k' v, Ä, n, g, v, e, k, h, k, {, c, v, g, p, f, g, m, u, k, p, k, p, ' g, p, h, r, u, {, q, p, c, " i, g, ±, k, " g, v, n, u, k, ±, q, n, i, {, Ä, n, u, g, m, k, 0, M, Ä, g, u, g, n, i, , f, c, " h, k, {, c, v, g, p, f, g, m, u, k, p, k, p, ' i, g, p, g, n, g, p, h, r, u, {, q, p, " Ä, g, t, k, p, f, g, g, v, t, u, " {, ³, p, n, Ä, d, k, " g, v, n, k, {, g, ' u, c, j, k, r, " q, r, i, f, w, w, ' v, g, u, r, k, ' g, f, k, r, o, k, v, t, 0, " ¥, c, n, o, c, f, c, " m, w, r, e, p, , r, e, p, " f, g, k, n, g, p, r, g, t, k, p, ' w, ' w, p, " f, ³, p, g, o, r, k' g, d, Ä, v, Ä, p, r, g, o, g, " n, e, w, e, {, , r, e, t, , " H, O, Q, N, U, " F, Q, N, U, " x, g, " E, T, T, " v, c, j, o, k, p, e, k, g, t, k' k, g, " f, g, g, r, i, f, g, g, f, k, r, o, k, v, t, 0, M, e, u, c, {, , v, c, j, o, k, p, ' u, q, p, w, ±, r, e, t, , " H, C, T, F, N, " o, q, f, g, n, i, n, e, w, e, {, , r, e, t, , " k, g, " ³, 4, v, Ä, o, g, m, g, ' x, g, ±, c, n, o, c, p, , p, " d, w, i, w, r, e, t, , p, , p, " Ä, x, g, p, k, r, k, k, p, k' c, t, v, t, o, c, m, e, f, , t, 0, r, e, x, g, v, e, p, " f, g, k, n, g, p, r, g, t, g, " j, c, v, " f, Ä, g, n, o, g, " v, c, d, c, p, n, " I, t, c, p, i, g, t, " p, g, f, g, p, u, g, n, k, n, i, ' v, g, u, k, ' w, i, w, c, p, o, , v, t, 0, P, g, f, g, p, u, g, n, k, n, i, ' v, g, u, v, u, q, p, w, ±, r, e, t, , " H, q, w, t, k, g, t, " h, q, p, m, u, k, {, q, p, n, w, D, q, q, u, w, t, e, r, ' C, T, F, N, " {, ³, p, v, g, o, k, d, w, i, w, r, e, t, , k, g, " w, w, e, t, n, f, , t, 0, D, w, i, u, q, p, w, ±, r, e, t, c, i, ³, 4, g, " V, Ä, n, k, {, g, o, f, g, g, p, h, r, u, {, q, p, w, p, " d, Ä, Ä, n, i, q, t, c, p, f, c, " {, g, t, g, i, l, f, k, p, c, o, k, m, g, t, f, g, p, " n, e, {, p, c, m, e, p, f, , , " k, f, f, k, " g, f, k, r, g, d, k, r, t, 0, "

Anahtar Kelimeler: 'Gphru{ qp. 'i ,f c'gphru{ qpw. 'MguktrkHt gnepun, 'Hqwtkt 'Dqqwtcr 'CTFN' [ cme ,o ,. " j c v " f Ä gno g " v d c p n " I t c p i g t " p g f g p u g n k n i ' v g u k ' w i w c p o , v t 0 P g f g p u g n k n i ' v g u v u q p w ± r e t , " H q w t k g t " h q p m u k { q p n w D q q u w t e r ' C T F N " { ³ p v g o k d w i w r e t , k g " w w e t n f , t 0 D w i u q p w ± r e t c i ³ 4 g " V Ä n k { g o f g g p h r u { q p w p " d Ä Ä n i q t c p f c " { g t g i l f k p c o k m g t f g p " n e { p c m e p f , , " k f f k " g f k r g d k r t 0 "

Jel Kodları: 'G53. 'G59. 'E54"

#### ABSTRACT

K'v j k u' u w f { . ' v j g ' t c p u k k q p " g h g e v ' q h i m d c n i h q q f " c p f " g p g t i { ' r t l e g u ' c p f " f q o g u l e ' h q q f " r t l e g u ' q p " i g p g t c n i k p h r e v k p " k p " v j g " V w t n k u j " g e q p q o { " y c u " k p x g u k i c v g f 0 W u l p i " o q p v j n { " f c v " h q t " v j g " r g t k q f " 42320 23 / 42460 25 . " v j g " e q k p v g i t c v k p " t g r e v k p u j k r u " d g v y g g p " v j g " x c t k c d r g u " y g t g " v g u x g f " y k j " v j g " h t c e v k p c n i h t g s w g p e { ' H q w t k g t ' h p e v k p " D q q u w t e r ' C T F N " c r r t q e j 0 V j g ' h k p f k p i u ' k p f l e c v g ' v j c v ' v j g t g ' k u ' c ' e q k p v g i t c v k p " t g r e v k p u j k r " d g v y g g p " v j g " i g p g t c n i e q u u o g t " r t l e g ' k p f g z . " f q o g u l e ' h q q f " r t q f w e u ' e q u u o g t " r t l e g ' k p f g z . " i m d c n i h q q f " r t l e g ' k p f g z " c p f " i m d c n i g p g t i { " r t l e g ' k p f g z " x c t k c d r g u 0 K ' y c u ' f g v t o k p g f " v j c v ' v j g " x c t k c d r g u " y k j " v j g ' u t q p i g u v ' g h g e v ' q p ' k p h r e v k p " k p " v j g ' u j q t v ' v t o " y g t g ' v j g ' r c u v ' x c n w g u ' q h ' e q u u o g t " k p h r e v k p " c p f " v j g " h q q f " r t q f w e u ' e q u u o g t " r t l e g ' k p f g z 0 U j q t v ' v t o " f g x k v k p u " k p " v j g " i g p g t c n i e q u u o g t " r t l e g ' k p f g z " y k n i t g c e j " v j g ' h q p i / v g t o " g s w k r d t k w o " x c n w g ' k p " c r r t q z k o c v g n i " v j t g g ' o q p v j u 0 K ' v j g ' h q p i " v g t o . " v j g ' r c u u / v j t q w i j " g h g e v ' q h ' v j g ' f q o g u l e ' h q q f " r t q f w e u ' e q u u o g t " r t l e g ' k p f g z " q p ' k p h r e v k p " k u ' x g t { " j k i j 0 K ' y c u ' f g v t o k p g f " v j c v ' v j g " i m d c n i h q q f " r t l e g ' k p f g z " j c u ' c p " k p x g t u g " g h g e v ' q p " i g p g t c n i k p h r e v k p 0 V j g ' h q p i / v g t o " e q k p v g i t c v k p " e q g h h e k p w " q h ' v j g " x c t k c d r g u " w u g f " k p " v j g " u w f { " y g t g " c n u q " q d v e k p g f " y k j " H O Q N U . " F Q N U . " c p f " E T T " g u k o c v q t u 0 V j g " e q g h h e k p w " g u k o c v k p " t g u w u " c t g " e q p u k u v g p v y k j " v j g " H C T F N " o q f g n i e q g h h e k p w " c p f " k p e t g c u g " v j g " t g r i c d k r k { " q h ' v j g " h k p f k p i u " q h ' v j g " u w f { 0 K ' c f f k k q p . " c p " g t t q t " e q t t g e v k p / d c u g f " I t c p i g t "

ABSTRACT BOOK

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

ecwucrk\ "vgu'y cu'cr r rkgf "v'j g'xctkcdngu0Vj g'ecwucrk\ "vgu't guwnu'ctg"eqpukvpgv'y kj "vj g'hpf kpi u"qh"  
vj g'Hqwtktg'hpevkqp'Dqqwter 'CTFN'b gj qf 0Ceeqtf kpi "v'j gug't guwnu. k'ecp'dg'erko gf "vj cv'kphrvkqp"  
kpvwng\ "ku'rti gn\ "f w'v'q'neclif { pco keu0

**Keywords:** "kphrvkqp."hqf "kphrvkqp."htcevkpcn'htgs wgepe { "Hqwtktg" Dqqwter "CTFN"cr r tqej . "gttqt"  
eqttgevkqp/dcugf "I tpe gt'ecwucrk\ "vgu'"

**Jel Codes:** "G53."G59.E54"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### INVISIBLE THREATS: INVESTIGATING THE CAUSES AND CONSEQUENCES OF PM 2.5 AIR POLLUTION ACROSS SOUTH KAZAKHSTAN

*Omirzak Aruzhan*

*Ej go kmt { 'ygcej gt 'cv'Dkko 'Kpcevkap 'N{ egwo . 'Vwtngiucp. 'Mc|cnj ucp*

#### ABSTRACT

RO 407. 'qt 'hpg'r ct vewrcvg'o cwtg. 'tgr tguwpv'qpg'qh'vj g'o quv'j c| ctf qwu'hqt o u'qh'ckt 'r qmwkqp. 'cu'ku'vlp { 'r ct vewrcvg'ep'r gpgvcvg'f ggr 'lpvq'vj g'tgur ktcvqt { 'u{ vgo . 'r qukpi 'ugt kqwu'j gcnj 'tkumu0Vj ku'uwf { . 'vknrf " \$kpxkukdr'Vj tgcw<Kpxgunki cvkpi "vj g'Ecwugu'cpf "Eqpugs wpegu'qh'RO 407"Clk "Rqmwkqp"Cetquu'Uqwj " Mc|cnj ucp.\$'gzco kpgu'vj g'uqwtegu'cpf 'ko r cevu'qh'RO 407'r qmwkqp'kp'vj tgg'o clqt "ekkgu'kp'uqwj gtp" Mc|cnj ucp0'Wukpi "ct"s wcrk{ "o qpkqt kpi "f cwc."vj ku'tgugctej "kf gpvkkgf "vj g'r tko ct { "eqpvt kdwqtu"vq" gngxcvgf "RO 407'ngxgnu."uwej 'cu'kpf wutkn'go kuukpu.'xgj keng'gzj cwuv.'tgulf gpvknj' gcvkpi . 'cpf 'f wuv'ht qo " wpr cxgf 'tqcf u0F c'v'eqmgev'f'ht qo 'Uj { o ngrv.'Vetc| . 'cpf 'Vwtngiucp'uj qy gf 'RO 407'eqpepvt cvkqpu'qxtg" vko g." j ki j rki j vki "ugcuqpcn' xctkcvkqpu" cpf "vj g' kphwpeg" qh' ur gekke" nqecn' uqwtegu0' Kp' cff kkkp" vq" kf gpvkh{ kpi 'r qmwkqp'uqwtegu."vj g'uwf { 'cuuguu'vj g'r qvgnknj gcnj 'eqpugs wpegu'ht 'wt dcp'r qr wrcvqpu" tgi wctn{ "gxr qugf "vq"j ki j "RO 407'ngxgnu."lpenf kpi "kpet gcugf "tkumu'qh'tgur ktcvqt { "cpf "ectf kqxcuewrt" f kugcugu0'Hwt vj gto qtg."vj g'uwf { "gxr nqt gu'vj g'ko r rkecvkqpu'qh'RO 407'r qmwkqp'ht "enko cvg'ej cpi g."cu" vj gug'hpg'r ct vewrcvg'epvt kdwg"vq"cvu qur j gtle"y cto kpi "cpf "cngt"nqecn'y gcvj gt "r cwgt pu0Vj g'hkpf kpi u" wpf gtrkpg" vj g" wti gpe{ "qh" ko r ngo gpvkpi "vcti gvdf" kpvgt xgpvqpu."uwej "cu" utlevgt "xgj keng" go kuukpu" ucpf ctf u."kpxguo gpv'kp'engcpgt "kpf wutkn'vgej pqrni kgu."cpf "ko r tqxgf "wt dcp'r rppkpi "vq'tgf weg'f wuv" go kuukpu0Vj ku'tgugctej "cko u"vq"r tqxkf g"c"hqwpcvq"ht "r rkle{ o cngtu'kp"Mc|cnj ucp"vq'cfft gu'clt" s wcrk{ "ej cngpi gu'ghgevxgn{ . 'r tqo qvki "j gcnj kgt"cpf "o qtg'uwrcvpcdr'ekkgu'cetquu'vj g'tgi kpp0'

**Keywords:** 'ct"s wcrk{ . 'RO "407'r qmwkqp. 'r ct vewrcvg'o cwtg. 'j gcnj 'ko r cevu0"

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#### THE ANTICANCER ACTIVITY TEST OF SOME DIBUTYLTIN(IV) CARBOXYLATES AGAINST HELA CANCER CELL LINE

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*Sutopo Hadi\*, Noviany Noviany and Yandri Yandri"*

*Fgr ctwo gpv'qh'Ej go kwt { . 'Wpkxgt uk { 'qhl'Nco r wpi . 'Dcpf ct 'Nco r wpi . 'Kpf qpgukc "*

"

#### ABSTRACT

Vj g'qti cpqvkp \*KX+ectdqz { rvgu'cpf 'vj gk 'f gtxcvkxgu'j cxg'eqpvkpwgf 'vq'cwtcev'lpvgt guv'q'o cp { 'ej go kwt f wg'vq'vj gk 'utqpi 'cevkxk' 'kp'o cp { 'dlqmi kecn'vguu'j3/9\_0Vj gk 'eqo r qwpf u'j cxg'y kf gn 'dggp'vgungf 'cu' cpv'kepegt'j4/6\_ 'cpvko crctkcn'j7\_ 'cpv'kdcevtkcn'j8\_ 'cpv'kwpi k'j9\_ 'cpf 'cpv'kz'kf cpv'j]:\_0'K'vj ku'y qtm'y g' tgr qt vgf 'vj g'lu' { pyj guku'qhl'uo g'f kdww' nkp \*KX+ectdqz { rvgu'cpf 'vgungf 'vj g'eqo r qwpf u'lu' { pyj guk' gf 'ci ckpuv' c'j' wo cp'cepegt 'egm'rkpg'qh'j g'Nc '\*egt xlecn'ecpegt 'egm'cpf 'Xgt q'pqto c'ilegm'vj g'ugng'evkxk' { 'kpf gz'gu'qh' vj g'eqo r qwpf u'vgungf 'y gt g'vj gp'f gyto kpgf 'dcugf 'qp'vj g'eqo r ct'kuq'qh'vj gk 'K 72'xcn'wgu' "

"

#### REFERENCES

- 30HDLcxgf . 'O 0Uktclwff kp . 'UOCrk 'P 0Mj crkf . 'O 0P cy c| . 'O 0Tcu j kf . 'Rqn { j gf tqp . "326 . "4238 . " : 26 ; 20'
- 40R0\ j cpi 0RLOUcf rgt . "Lqwtpcn'qh"Qti cpqo g'wntle'Ej go kwt { . " : 5 ; . "4239 . "7/36 . "
- 50U0J cf k'O 0Tkn' cpk'Uwj ctuq . "Kpf qpgukc'p'Lqwtpcn'qh"Ej go kwt { . "34 . "4233 . "394/3990"
- 60U0J cf k"GMD'Y kpctpq . "MP 0'Dgtcy k"[ 0[ cpf tk"V0Uwj ctvck'Rj { ukecn'Uelkpegu'T gxlgy u . "4245" \*kp" r tguu"
- 70U0J cf k"P qxkcp { . "O 0Tkn' cpk'O cegf qpkcp"Lqwtpcn'qh"Ej go kwt { "cpf "Ej go kecn'Gpi kpggtkpi . "59 . " 423 : . "3 : 7/3 ; 30'
- 80U0J cf k"U'Ngunctk"V0Uwj ctvck"J K'S wf wu . "F 0'J gtcuctk"O 0Tkn' cpk"[ cpf tk"Rwtg'cpf "Cr r rkgf "" Ej go kwt { . " : 5 . "4243 . "845/84 : 0""
- 90U0J cf k'O 0Tkn' cpk'P wtj cucpej . "O qf gtp"Cr r rkgf "Uelkpeg . "5 . "422 ; . "34/390' : 0Y 0Uctk"J K'S wf wu . "U0J cf k0T gxlkvc'f g'Ej ko kg . "93\*32+ . "4242 . "4 : /590"

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### EFFECTIVE TECHNOLOGIES FOR DEVELOPING PEDAGOGICAL ETHICS IN FUTURE PRIMARY SCHOOL TEACHERS

<sup>1</sup>Prof. Kodirova Feruzakhon Usmanovna

<sup>3</sup>Ej kt ej kn'Ucv'g'Rgf ci qi kecn'Wpkxgt ukx'. 'Hcewn' qh'Rgf ci qi { . 'Ej kt ej kn'W/dgnkxcp0'

<sup>3</sup>QTEK 'KF <j wru-1lqt ekf Qti D222/2223/965; /7528"

<sup>2</sup>Prof. Khimmataliev Dustnazar Omonovich

<sup>4</sup>Ej kt ej kn'Ucv'g'Rgf ci qi kecn'Wpkxgt ukx'. 'Hcewn' qh'Rgf ci qi { . 'Ej kt ej kn'W/dgnkxcp0'

<sup>4</sup>QTEK 'KF <j wru-1lqt ekf Qti D22; /2228/4848/5567"

<sup>3</sup>Safiyeva Mokhinur Akram qizi"

<sup>5</sup>Uwf gpv'qhl'o cuxgt au'f gi t gg. 'Ej kt ej kn'Ucv'g'Rgf ci qi kecn'Wpkxgt ukx'. 'Hcewn' qh'Rgf ci qi { . 'Ej kt ej kn'W/dgnkxcp0'

"

#### ABSTRACT

Vj g'f g'g'g'g' o gpv'qhl' gf ci qi kecn'gy leu'kp'hwmt'g'r tko ct { 'uej qqn'vgej gt u'ku'xkcn'ht' h'q'vgt kpi 'c'r qukkx'g' cpf "t gur ge'v'm'i'ngct'p'kpi " gpxkt'qpo gpv' y j gt g' eqt g' xcn'gu' uwej " cu' h'ct'p'guu." k'p'v'gi t'k'x'f. " go r cvj { ." cpf "t gur qpukd'k'k'x'f "ct'g'r t'k'q't'k'k' gf 0'Vj ku'uwf { "gzr mt'gu'xct'k'q'wu' gh'ge'v'x'g' v'gej p'q'ni' k'gu'cpf "o g'v'j q'f' u'w'ug'f "v'q' gpj c'peg" v'j g' g'v'j kecn'ht'co gy q't'm'i' qh' h'w'w't'g' gf wec'v'q't'u'0' Vj g' t'g'ug'ct'ej "k'f' g'p'v'h'k'gu' u'g'x'g't'c'i' n'g'f { "u't'c'v'gi k'gu." k'p'e'n'f' k'pi " v'j g' k'p'e'q'r' q't'c'v'k'p' q'h' g'v'j kecn'f' g'e'k'uk'q'p/o c'n'k'pi " o q'f' g'nu." e'j c't'c'e'v'g't' g'f wec'v'k'q'p." cpf "t'g'h'ge'v'x'g' r t'c'e'v'k'gu" v'j c'v' u'w'r' q't'v' o q't'c'n'f' g'x'g'g'g' o gpv' k'p' v'gej gt " v'c'l'k'p'ki 0' V'gej p'q'ni' kecn' v'q'q'u." u'we'j " cu' q'p'r'k'p'g' r r'c'v'k't'o u' h'q't' g'v'j kecn'f' k'ue'w'u'k'q'p'u." e'c'ug' u'w'f { "c'p'c'n'f' u'ku." cpf "x'k't' w'c'n'ulo w'c'v'k'q'p'u." c't'g' h'q'w'p'f "v'q'd'g' gh'ge'v'x'g' k'p' r t'q'o q'v'k'pi " g'v'j kecn' t'g'h'ge'v'k'p' cpf " e't'k'k'ec'n' v'j k'p'n'k'pi " k'p' v'gej gt " g'f wec'v'k'q'p'0' C'f'f' k'k'q'p'c'm'f. " j' c'p'f' u'q'p' c'e'v'k'k'k'gu." u'we'j " cu' t'q'g'r' r'c' { k'pi. " r' g'g't' e'q'n'c'd'q't'c'v'k'p'." cpf " k'p'v'g't'c'e'v'x'g' y q't'm'ij' q'r' u." c'm'q'y " r' t'q'ur' g'e'v'x'g' v'gej g't'u'v'q' g'p'i' c'i' g'k'p' t'g'c'n'f' y q't'r'f " u'e'g'p'c't'k'q'u." u't'g'p'i' v'j g'p'k'pi " v'j g'k' " c'd'k'k'x'f " v'q' c'f'f' t'g'u'u' c'p'f " t'g'u'q'r'x'g' g'v'j kecn' f' k'g'o o c'u' k'p' e'rc'u'ut'q'q'o " u'g'v'k'pi u'0'

Vj g' k'p'v'gi t'c'v'k'p' q'h' v'j g'ug' v'gej p'q'ni' k'gu' j' g'r' u' f' g'x'g'g'g' " go q'v'k'q'p'c'n' k'p'v'g'n'ki g'peg." go r cvj { ." cpf " g'v'j kecn' f' g'e'k'uk'q'p/o c'n'k'pi " u'n'k'm'i' g'u'g'p'v'k'c'n' h'q't' " g'h'ge'v'x'g' v'gej k'pi 0' O q't'g'q'x'g't." o g'p'v'q't'uj' k' " c'p'f " e'q'p'v'k'p'w'q'w'u' r' t'q'h'g'u'k'q'p'c'n'f' g'x'g'g'g' o gpv' r'c' { " u'ki p'k'h'ec'p'v' t'q'ng'u' k'p' t'g'k'p'h'q't'ek'pi " g'v'j kecn' r' t'k'p'ek' r'gu' v'j t'q'w'i' j' q'w'c' v'gej g't' u' e'c't'g'g't'0' Vj ku' t'g'ug'ct'ej " j' k'i' j' r'k'i' j' v'u' v'j g'ko r' q't'c'p'eg' q'h' e'q'o d'k'p'ki " v'c'f' k'k'q'p'c'n'f' r' g'f' c'i' q'i' kecn' o' g'v'j q'f' u' y' k'j " o' q'f' g't'p' v'gej p'q'ni' kecn' k'p'p'q'x'c'v'k'q'p'u' v'q' g's'v'k'r' " h'w'w't'g' r' t'ko ct { " u'ej q'qn'v'gej g't'u' y' k'j " v'j g'v'j kecn' h'p'q'y' n'g'f' i' g' c'p'f " u'n'k'm'i' p'g'g'f' g'f " v'q' p'c'x'k'i' c'v'g' e'q'o r' n'g'z " v'gej k'pi " e'j c'm'g'p'i' g'u' c'p'f " r' q'uk'k'x'g'n'f " k'p'h'w'g'p'eg' v'j g'k' " u'w'f' g'p'w'o' f' g'x'g'g'g' o' g'p'v'0'

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#### ETHNOPHARMACOLOGICAL AND PHYTOCHEMICAL REVIEW ON AN ANTILEPROTIC DRUG HYDNOCARPUS

M.Monica<sup>1</sup>,D.Anushya<sup>2</sup>,Khushi Singh<sup>3</sup>,Dr.R.Saravanan<sup>4</sup>,Dr.R.Srinivasan<sup>5</sup>

Dj ctcvj "kpwkwg"qh!J ki j gt "Gf wecvkp"cpf "Tgugctej. 'Ej gppck "kpf kc0

#### ABSTRACT

Gvj pqmji lecn! Uki phlecepeg" qh" O gf lekpcni< Vj g" i gpwu" J { f pjectr wu" \*Hreawt vcegcg+ kpenf gu" hqt v{ " ur geku'f kwt kdwgf "vj tqwi j qw'vj g'y qtrf 0k'vj g" kpf kcp"u{ uvgo "qh'o gf lekpg. 'k'ku"J { f pjectr wu'f gpvcpt wu" y j lej "ku'r tko ctkn{ "wugf "vq"t gev'vgr tqu{ "cpf "qvj gt "unip" f kuqtf gtu'0'k'ku"npqy p"cu"\$Ej cwro qqi tc\$"cpf "ku" cnuq" wugf "vq"t gev'qvj gt "kpf lecvkpu" kpenf kpi "eqpuvr cvkqp. "kphro o cvkqp. "dqgf "f kuqtf gtu. "cpf "y qto " kphgucvkvpu'0'f hhtg gpv'ur geku'qh!J { f pjectr wu'ctg" cnuq" wugf "k'p"t cf kkvpcni'o gf lekpg'k'p'Ej kpc. "Vj ckrcpf. " O cr{ ulc. "cpf "O { cpo ct "vq"t gev'xct kqu"unip" f kuqtf gtu'0'Vq" gxcnvcg'vj g'vj g'cr gwle'r qvkvcrn'qh'ur geku' qh'vj g'i gpwu"J { f pjectr wu'cpf "vq"t gvgto kpg'hwwt g'cxgpwgu"qh't gugctej 0Cmt gxcv'uekpvkhe'rkgt cwt g" r vdkuj gf "y cu't g'kxgf "vj tqwi j "ikdt ct { "cpf "grgvt qple"ugctej gu". "J cpf "ugctej gu"qh't cf kkvpcni'dqmu" uwej "cu'cpekgpv'erculeu" kpenf kpi "Xckf { c' l qi c" Tcvcxck'cpf "Uk' f j c" O cvgtk "O gf kec" cpf "eqpvgo r qtct { " tghgt pgegu" kpenf kpi "cpekgpv" kpf kcp" Rj cto ceqr qgk" cpf "C { wtxgf le" hqt o wrc" y gt g" cnuq" r ghtqo gf 0'Vj g" qh'qh'uggf u'qh'ur geku'qh'vj g'i gpwu"J { f pjectr wu'ku" wugf "hqt" o gf lekpcni' vtr qugu. "o quv{ "hqt" xct kqu"unip" f kuqtf gtu'0'Vj ku" qk'j cu" dggp" tgr qt vgf "vq" eqpvkcp" c" f kkvpcni' ercu" qh'eqo r qwpf u'npqy p"cu" e { emr gpvpg { n' hcw{ "cekf u'0'0 qt gqxt. "vj g'uggf u'qh'vj ku" i gpwu"J cxg' dggp" tgr qt vgf "vq" eqpvkcp" vki n' egt k' gu" qh'hcw{ "cekf u. " uvgtqu. "hrcxqpqk u. "cpf "hrcxqpqri pcpu'0'J { f pjectr kp. "c" hrcxqpqri pcp. "j cu" dggp" tgr qt vgf "vq" r qvkvkcg" cpko letqdkn'cpf "cplcepeg" cevkkv{ 0'Gz vcew" cpf "eqo r qwpf u'kuqrvf "h'qo "vj ku" r rcpv'gzj kdk" c" y k' g" tcpi g" qh" r j cto ceqmi lecn' r tqr g'vku. " kpenf kpi " cpvdcvgtkn" cpvdcvgtkn" cpvkw d'geww. " cpko ki tclpg. "tj gwo cvk. "j { r qtr k' go le. "cpv kcdgk. "cplcepeg. "cpv kphro o cvqt { . "cpf "cpv k'z k' cpv' cevkkvku'0'Vj g'cpvdcvgtkn'cevkkv{ "ku" uwr r qugf "vq" dg' f vq" vj g' e { emr gpvpg { n'hcw{ "cekf u' r t'gugpv'k' vj g" uggf "qk'0'E qpenwukp< Hrcxqpqri pcpu' eqpvkcp" cp" ko r qt vcp'ej go lecn' grgo gpv. "cpf "j { ftqct d'qpu" cpf " vj gk' f g'kxcvkgu" u'j qwf "dg' k'pxguki cvgf "hqt" vj gk' "cevkkvku" cpf "vj g" o gej cpluo "dgi kpf "vj g'ug'cevkkvku'0' O wnk' t'wi /t'gukrcpv" o letqdgu" ctg' k'pet gcukpi . "cpf "vj g" r qvkvcrn' k'j kdkqt { "gh'gev" qh'vj g'ug' eqo r qwpf u" y j gp" wugf "k'p" eqo d'kpcvqp" y k'j "ewt gpv' cpko letqdkni" o wuv' cnuq" dg' gxcnvcg' 0' O qt gqxt. " wps w'g" e { emr gpvpg { n'hcw{ "cekf u' o wuv' cnuq" dg' uet g'ggp' "vq" v'pf g' tu'c'pf "vj g'gzcev' o gej cpluo "qh'cevkv' v'pf g' n' k'pi " vj g'cpvdcvgtkn'cevkkv{ 0' C f f kkvpcni' k'p' f gr vj "r j { v'qej go lecn' k'pxguki cvkpu" qh'vj g'uggf "qk' i'cpf "gz v'cew" ctg' t'gs w'k' gf "vq" v'cng' c'f xcpvci g' qh'vj g' v'wg' r qvkvcrn' qh'ur geku' qh'vj g' i gpwu"J { f pjectr wu'0'

**Keywords:** e { emr gpvpg' uvgtk' "cekf 0'J { f pjectr wu'0'gr tqu{ =v'cf kkvpcni' wugu'0'

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### STAIN REMOVAL EFFICIENCY OF TiO<sub>2</sub> NANOPARTICLES

*Meeta Saxena*

*Uqrj kc 'Eqmgi g'ht 'Y qo gp '\*Go r qy gt gf 'Cwqppqo qwu+ 'O wo dck'/'48''*

#### ABSTRACT

Vj ku'uwf { "gZR nqt gu"vj g'u{ pyj guku"qh'vkcpkwo "f kqz kf g"\*VlQ + "pcpqr ct vlggu"vj tqwi j "dqj "ej go kecn'cpf " i tggp"u{ pyj guku"cr r tqcej gu "clo kpi "q"gxcmvcv"vj gk "ghlece { "lp"vgz vkg'ucvp"t go qxcn'D { "gz co kpkpi "vj g" f gvti gpe { "r tqr gt vku"qh"VlQ . "vj ku'tgugctej "eqo r ct gu"vj g"ghge vkgpguu"qh'pcpqr ct vlggu"r tqf wegf "xlc" vcf kkpccn'ej go kecn'o gvj qf u'y kj "vj qug"u{ pyj guk gf "wulpi "geq/h kgp f n { "cngt pc vkgu"t guwu"j ki j rki j v" vj g'r qvgpvcn'qh"VlQ "lp"vgz vkg"t gcwo gpv'cr r rlec vqpu. "f go qpucv kpi "ku'xlc dkkv { "cu'cp"gp xk qpo gpvcn { " uwucvpcdn'qr vqp'ht "gpj cpe kpi "hcdte'engcpkpguu'cpf "r tqo qv kpi "dtqcf gt "cr r rlec vqpu"lp"gp xk qpo gpvcn" t go gf kvqp'Vj ku'uwf { "eqp v kdwgu"v"cf xcpe kpi "uwucvpcdn'o cvgt knu"ht "vgz vkg"cpf "gp xk qpo gpvcn" engcpkpi "vgej pqmgi kgu'

**Key words:** "Vkc pkwo "F kqz kf g"\*VlQ + "P cpqr ct vlggu. "I tggp"U { pyj guku. "Ej go kecn'U { pyj guku. "Vgz vkg" Vt gcwo gpv. "Uc vp"t go qxcn"gp xk qpo gpvcn"Engcpkpi "

"

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### ROLE OF TERNARY SOLVENT MEDIA IN THE KINETICS OF DYE-ELECTROLYTE REACTION

*Associate Professor Dr. Rozina Khattak*

*Fgrctvo gpv'qhlEj go knt { . 'Uj cj ggf 'Dgpc/k 'Dj wvq'Y qo gp'Wpkxgtukx' .''*

*Rguj cy ct '47222. 'Rcnkucp''*

"

#### ABSTRACT

Kp'vj ku'uwf { . 'vj g'ht gs wgpvaf "go r m { gf "o gf lcvt. 'kqf kf g. 'ku'qz kf k gf "d { "vj g'ugrgevdf 'Hg\*KKK/dcugf "qz kf cpv" qt "ugpukx gt "kq0" f le { cpqdku\*4.4) dkr { tkf { nkt qp\*KKK" wulpi "c" vgt pct { "uqrxgpv" o gf lc" eqpukukpi "qh"32' " f lo gvj { nluwhqz kf g. "32' "fkzcp g'cpf": 2' "y cvgt ODgecwug" qti cple "uqrxgpv" ct g'pcwtcmf "hco o cdng" cpf " xqrcvkg. "k'y cu" guko cvgf "vj cv'vj g' o kz gf "uqrxgpv" u{ uvgo "y km'eqpukpwg" vq" y qtm'cu" gZR gevdf "vq" gpj cpeg" vj g'ucdkkx { "cpf "ghgevxgp guu" qh" c" f { g/ugpukx gf "uqrx" egm' F UUE + "kp" c" y c { "vj cv'ku' uwr gt kqt "vq" vj cv'qh" vj g'ukpi ng" qti cple "uqrxgpv" qt "vj gkt" o kz gu0T gugctej "hqwugu" qp" y c { u"vq" gpj cpeg" gcej "qh" c" v' r kcn' F UUE) u' eqo r qp gpv' r ct w" kp" qtf gt "vq" gpj cpeg" ku" ut gpi vj . "ghgevxgp guu. "cpf" eqo o qp" f guli p0' Vj g'ugpukx gt / o gf lcvt "grgevt qp" v' cpuhgt "o gejc pkuo "kp" c" egt vclp" uqrxgpv" u{ uvgo "ku" qp g" qh" vj g'et klcen' eqo r qp gpv' qh" c" F UUE "vj cv'gpj cpegu" vj g' f gxlegu" ghgevgpe { "cpf" "ucdkkx { 0' Vq" s wcpvkh { "vj g' lo r cev' qh" gcej "r ctco gvgt. "vj g" kphwpeg" qh' f khtg gpv' hcev tu" qp" vj g' tcvg" qh' t gcev qp" o wuv' dg' o gcuw gf "kp" qtf gt "vq" uwi i guv' c" o gejc pkuo 0' Vj ku' kpxguki cvkp" j ki j rki j vgf "vj g' lo r cev' qh" ej cpi kpi "vj g' t gcev pu" eqpegpv cvkp. "celk kx { . 'kqple" ut gpi vj " cpf "vgo r gtcwt g" qp" vj g' grgevt qp" v' cpuhgt "tcvg. "cpf" "tgxgcn" vj g' o gejc pkuo "r cvj "qh" vj g' grgevt qp" v' cpuhgt " t gcev qp" dgwy ggp" f le { cpqdku\*4.4) dkr { tkf { nkt qp\*KKK" cpf "kqf kf g' kp" vgt pct { "uqrxgpv" o gf lc' o

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### FERRICYPHEN AS A POTENTIAL AND EFFECTIVE SENSITIZER FOR AQUEOUS DYE-SENSORIZED SOLAR CELL

"

*Associate Professor Dr. Rozina Khattak*

*Fgrctvo gpv'qhlEj go knt { . 'Uj cj ggf 'Dgpc/kt 'Dj wwq'Y qo gp 'Wpkxgt ukx' . "*

*Rguj cy ct '47222. 'Rcnkncp "*

#### ABSTRACT

Cswgqwu'f { g/ugpukx gf "uqrc"egm' \*F UUEu' ctg' f tcy kpi "kpvgt gu' dgecwug" qh' vj gk "eqo r ctcdrg" equv ghgevkxpguu. "gcu{ 'j cpf rki . "gpxkt qpo gpvcrlt lgp r kpguu' cpf "ucdkkx{ "qxgt "qvj gt "uko krc "uqrc"egm' 0Vj g" qvj gt " uko krc " F UUEu' ctg' dcugf " qp" qti cple " uqrcgpw' 0' Vj g" qti cple " uqrcgpw" ctg' xqrcvkxg. " equv{ . " kphrc o o cdrg'cpf "vzle"vq'vj g'gpxkt qpo gpv'cpf "vj gt ghqt g'uwej "uqrcgpw'pqv'qpn{ "f guvdkk{ g'vj g'uqrc"egm' dw' cnuq" o cng" k' g'zr gpukxg" cpf " tgf wegf " ku" mqi g'xkx{ 0' Vj g" v{r krcn' eqo r qpgpw" qh' c" F UUE" ctg' ugo kcpf wevqt "dcugf "r j qvcpqf g. "ugpukx gt. "grgevt qn' vq'qt "o gf kcvqt. "uqrcgpv'cpf "eqwpvgt "grgevt qf g'0Vj g" grgevt qp/hqy "uvt u'd{ "gzekcvkp'qh'ugpukx gt "chgt "cduqt dki "uqrc" hki j 0Vj g'gzekgf "ugpukx gt "t gf wegf " ugpukk gt +i gu'qz kf k gf "d{ "ku"grgevt qp/hqy "vq'vj g'eqpf wevkp'dcpf "qh'vj g'ugo kcpf wevqt 0Vj g't gf wevkp" qh'vj g'qz kf k gf "ugpukx gt "d{ "cncpi "grgevt qp'ht qo "o gf kcvqt "eqpxgt u'k'dceni'vq'ku"qt ki kpcn'grgevt qp'tlej " qt "t gf wegf "ht o 0J qy g'xgt. "vj g'qz kf k gf "o gf kcvqt "cngu"ku"grgevt qp'u'dceni'ht qo "vj g'eqwpvgt "grgevt qf g" vj cv'ku"grgevt qp'tlej "dgecwug"qh'grgevt qp'hqy "ht qo "r j qvcpqf g"vq'k'0Vj cwa'j qy "vj g'ektevk'eqo r ngvu" cpf "r j qvq/gpgt i { "ku'eqpxgt vgf "kvq"grgevt krcn'gpgt i { 0Vj ku'uwf { "t g'xgcu'vj g'r qvcpv'krcn'wug"qh'ht tle { r j gp" cu'c "ugpukx gt "kp'cp'cs wqwu'F UUE 0Hgt tle { r j gp "ku'cp'qwg/ur j gt g'cpf "uwdukwkwq'kpgt v'qz kf cp'0K'ecp" qz kf k g'kqf kf g'gcu'k{ "y kj qw'cp{ "gzvgt pcn't ki i gt kpi "kp"cs wqwu'o gf kwo 0Vj g'ugpukx gt "ku'uwdukwkwq" kpgt v'cpf "ur ct kpi n{ "uqrcdrg"kp"y cvgt "kp"t gf wegf "ht o "cpf "uqrcdrg"kp"y cvgt "kp"qz kf k gf "ht o 0' Vj gug" s wcrkku'o cng" k'c"r qvcpv'krcn'ugpukx gt 0' Vj g'nkpgv'eu"qh'vj g"t gf qz "t gcevkp"qh'vj g'ugpukx gt/o gf kcvqt " kpvgtcev'kp'y cu'uwf kcf "kp"cs wqwu'o gf kwo "cv'eqpucpv'kqple"ut gpi vj "cpf "tqqo "vgo r gtcw'g'0Vj g'ghge'v' qh'ugxgtcni'gzr g'ko gpvcrl' r ctco g'vgt u'kpen'f kpi "t gcevc'p'v'eqpegpvcvkp. "r J . "kqple"ut gpi vj . "kqf kpg"cpf " vgo r gtcw'g'y gt g'uwf kcf "vq"r tqr qug" c"r r wukdrg"grgevt qp' t'cpuhgt "o ge'j cpkuo "cpf "tcvg"rcy "ht "vj ku" t gcevkp"kp"cs wqwu'o gf kwo 0'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### APPLICATION OF 2-METHYLPROPAN-2-OL AS A CATALYST IN AQUEOUS DYE-SENSITIZED SOLAR CELLS

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*Associate Professor Dr. Rozina Khattak*

*Fgrctwo gpv'qhlEj go kmt { .Uj cj ggf 'Dgpc/k 'Dj wwq'Y qo gp 'Wpkxgt ukf. '"*

*Rgij cy ct '47222. 'Rcnkncp"*

#### ABSTRACT

Gpgti { "uectekv\ "cpf "hpcpeknlpncv\qpp" gphqte'g'j wo cp "vq" f gxnqr "gcu\ /vq/wug. "cf xcpvcu gqwu. "chqt f cdrg. " cpf "y kf gn\ "ceeguukdn\ "hquukn' hwn' cngtpev\kxgu' F { g/ugpuk\ gf "uqrt "egm" \*F UUEu+"ctg" qpg" qh' uwej " cngtpev\kxgu"vq "hwhm"v'j g'f go cpf "qh'gpgti { "vr "vq"uqo g'gzv\pvdgecwug'F UUEu+"ctg" { gv'vq"dg"ko r tqxgf O' Rqvgpvcn'vq"ko r tqxg"v'j gk "ghhkepe { .uwuc\pdcnk\ "cpf "nqpi g\k\ "r tqxkf gu"vr "pgy "tugctej "r tqur gewO' Vj g'lpvgtcevkq"dgvy ggp"v'j g'ugpuk\ gt "cpf "v'j g'o gf kvqt "ku"ppg"qh'ugxgtcn'eqo r qpgpv"v'j cv'ngr u"v'j g' qz kf cvkq/tgf wevkq"r tqegu"t wppkpi "kp" c'F UUE. "y j lej "eqpxgtu"uqrt "gpgti { "lpv" g'gvtcekn'gpgti { O'Kp" cs wqwu'F UUE. "fle { cpqdku\*4.4) f kr { tkf { nkt qp \*KKK"ecp"dg"wk\ gf "cu"cp"cev\kxg"ugpuk\ gt. "cpf "v'j gp. "vq" qz kf k' g"kv kf g"vq"i gv'dcen'ku"tgf wegf "ucv\g"vq"cdudt'd' rki j v'cpf "i gw"gzek\gf "dcenO'Vj gt ghqt g. "v'j ku'eqt g" qz kf cvkq/tgf wevkq"tgcev\kq"uj qwf "j cxg"j ki j "tcv\g"v'j cv'ecp"dg"cej kxgf "d { "j qo qi gpqwu"ecv\kxgu' J qo qi gpqwu" ecv\kxgu' o c { "ko r tqxg" c" F UUE)u' ghhkepe { . "equv'ghhkepev\kxg'gpwu. "cpf "gp\k'qpo gpvcn' h'k'p'f' n'p'gu'd { "wug'qh'p'q'p/vzle"gp\k'qpo gpvcn\ "h'k'p'f' n' "uqrxgpv'k'uo cmr' tqr qt v'kq"v'q'y cvgtO'Vj ku'bo c { " ecv\kxgu' | g'v'j g'tcv\g'qh'tgcev\kq"cpf "o c { "k'petgcug'ku'ucdk\k\ "cpf "equv'ghhkepev\kxg'gpwu'dgecwug'qh'y cvgtO'Cu" tguwn'v'j ku'uwf { "ku'dcugf "qp"v'j g'wug'qh'7' "x lx"4/o gvj { r tqr cp/4/qn'cu" c"ecv\kxgu' uv'vq"gpj cpeg'v'j g'tcv\g'qh' tgecv\kq"qh'fle { cpqdku\*4.4) f kr { tkf { nkt qp \*KKK/kv kf g"kp"; 7' "x lx+"cs wqwu"o gf kwo O'Vj g'tgecv\kq"y cu' uwf k'gf "ur gev\q'r j qvqo g'tecm\ "qy kpi "vq"j ki j n' "eqm\gf "r tqf wev'hqto cvkq'Vj g'n'k'p'g'v'k'eu"y cu'r wtuwgf " wpf gt "v'j g'r ugwf q/h'k'u'v'q'tf gt "eqpf k'k'q"cv'eqpucpv'k'qple"ut gpi v'j "cpf "tqo "vgo r gtcwtgO'Vj g'ko r cev'qh' ugxgtcn'gzr gt ko gpvcn'hcev\qtu"uwej "cu'r J . "k'p'le"ut gpi v'j . "kv kf k'p'g'u"eqpegpvcv\kq"cpf "vgo r gtcwtg"y gt g' f gvgt o k'p'gf "qp"tcv\g'eqpucpv'qh'v'j g'tgecv\kq"v'q'r tqr qug'cp"ghhkepev\kxg'ecv\kxgu' v'k' "o gej cpluo O'

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### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### SUSTAINABLE GROWTH BY REDUCING PREHEATER FAN POWER BY USING THE TOOL OF COMPUTATIONAL FLUID DYNAMICS (CFD) ANALYSIS "

<sup>1</sup>Rajpal Singh Shekhawat, <sup>1</sup>Pushpendra Kushwaha, <sup>1\*</sup>Madhu Agarwal

<sup>3</sup>Fgrctwo gpv'qhlEj go kecn'Gpi kpggt kpi. "O cirk c 'Pcvkqpcn'Kpukwag'qhlVgej pqrqi { . 'Lckrw/524239. " Kpf k "

"

#### ABSTRACT

Vj g'ego gpv'kpf wwt { . "c" j ki j n "gpgti { /kpvpgukxg"cpf "ter kf n "i tqy kpi "ugevqt. "ku"i ter r npi "y kj "xctkqwu" ej cmgpi gu. "ikng" kpet gculpi "r qy gt. "hwgn"cpf "tcy "o cvgt kcn'equu. "ngcf kpi "v" f ko kpkuj kpi "r tqhk"o cti kpu0 Vj g'r npv'wr i tcf gf "vj g'Rt g/j gcvgt "Y cuw"J gcv't geqxt { "dqkgt"cpf "ku" kprgv'qwrngv'i cu'f weu'vq' uwt xkxg. " uwuclp. "cpf "gzc'cpf "ksu'r tqhk"o cti kpoJ qy gxgt. "ks"ngcf u'vq"cp" kpet gcugf "r tguwt g'ftqr "qh"342"o o Y I " cetqui"vj g'ektewk'eqo r ctgf "vq"vj g"v' r kecn'92"vq": 2"o o Y I 0'Vj ku"r cr gt "wpxgku"vj g'f grkdgtcvkqp"qh' tgf wekqp"kp'r tguwt g'ftqr "y kj "vj g'j gr "qh'Eqo r wekqpcn'hwkf "F { pco leu"EHF +cetqui"vj g'f weu'cpf " dqkgt 'OEHF "y cu'go r m { gf "vq"wpf gtucpf "vj g'hwqy "r cwgt pu'cetqui"vj g'i cu'f weu'Vj g'pqp/wpkqt o "hwqy " qh'hwg"i cu'cv'vj g'eqppgevkqp"qh'vj g'dqkgt "q lhf wev'vq"vj g'r t g/j gcvgt "hcp" kprgv'f wev'Vq"o cng'vj g'wpkqt o " hwqy "r cwgt p. "vj g'dchgu"y gt g'kpuvcngf "cv'vj g'eqppgevkqp. "cpf "vj g'o qf khlecvkqp"t guwngf "kp" c "r t guwt g' ftqr "tgf wekqp"qh'62"o o Y I "cpf "ucxkpi u'qh'208: "mY j l'v'o cvgt kcn'kp"vj g'r t g/j gcvgt "hcp0

**KEYWORDS:** Rt guwt g'ftqr . 'EHF "cpcn'uku. "I cu'f wev. "Rt g/j gcvgt "hcp. "I cu'hwqy "

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### INNOVATIONS IN THE SYNTHESIS OF BENZIMIDAZOLE DERIVATIVES VIA PHOSPAHTE NANOCATALYSTS

*Hamiani Zohra*<sup>1,2</sup>

*j wru<llqtekf Qti I2222/2223/; 236/2883"*

*Berrichi Amina*<sup>1,2</sup>

*j wru<llqtekf Qti I2222/2225/47: 8/864: "*

*Bachir Redouane*<sup>1</sup>

*j wru<llqtekf Qti I2222/2223/8482/439; "*

<sup>1</sup> *Wpkxgt ukf "qhVrgo egp."Uekpeg"cpf "Vgej pqrqi kg."Ncdqt cvxt { "qhEcvn{uku"cpf "U{pvj guku"kp"Qti cpke" Ej go kat {."DR"33;. "35222."Vrgo egp."Cri gtc"*

<sup>2</sup> *"Wpkxgt ukf "qhClp"Vgo qwej gpv."Uekpeg"cpf "Vgej pqrqi kg."Uekpeg"Kpukww."DR"4: 6."68222."Clp" Vgo qwej gpv."Cri gtc"*

"

#### ABSTARCT

Vtcpuukqp/o gcnr j qur j cvgu"j cxg'cwtcevgf "eqpukf gtcdrng"cvwgvkqp"kp"ecvncf uku"cpf "grgevtqej go kat { "f wg" vq"vj gk"tlej "eqo r qukkqpcn"cpf "utwewtcl"fxgtukf {OF khtg gpv'o gvcni'y gt g"wugf "O/RQ+."uwej "cu"Eg."P K" cpf "Gw0T gegpvnf . "xctkqu"o gjv qf u"j cxg'dggp"lpxgukf cvgf "hqt"vj gk"r tgr ctevkqp."uwej "cu"r tgekr kvvkqp." co o qpkc/i grlcpf "j {ftqvj gto ciltqwg0"

Co qpi "vj gug'o cvgtkcu'ku'kqp'r j qur j cvg."dgecvug"qh"vj gk"grgevtqej go kcnr tqr gt vgu."eqo r qukkqpcn"cpf " i qaf "cevkxk{0Vj ku"o cvgtkcn"ku"npqy p"cu"cp"grgevtqf g"cpf "c"ecvncf uv"htq"qz kf cvkqp"t gcevkqp0"Vj g"o gjv qf " qh"vj g'r tgr ctevkqp"qh"vj g"HgRQ6"ecvncf uv"ku"vj g"ng{ "qh"vj gk"utwewt"g"cpf "cevkxk{0Vj g"wug"qh"qwt"ecvncf uv" usc {u"rko kgf "Kp"qti cple"u{pvj guku"eqo r ctkpi "y kj "qvj gtu"j gvtqi gpgqwu"qpg"gur gekm{ "kp"vj g"E/E" eqwr rkp"i "tgevkqp"ht"vj g"dgp| ko kf c| qrg"u{pvj guku"y j lej "ctg"ctg" c"emuu"qh"j gvtqe {erle" ctqo cvk" ej go kcnleqo r qwpf u0Vj gk "f gt kxcvkgu"j cxg'cwtcevgf "uki phtkcpv"cvwgvkqp" f wg"vq"vj gk"r j cto ceqrqi kcn" cpf "dkqmi kcn"cevkxkku0"

Kp"vj g"r t gupv"uwf { "rtqxf gu" c"pgy "y c { "vq"r tgr ctg"vj g"pcpqr ctvrgu"ktqp"r j qur j cvg"o qf khtgf "cu" c" j gvtqi gpgqwu"ecvncf uv"d { "j {ftqvj gto ciltqwg" wukpi "wtgc"cpf "y cu"ej ctcevtk k gf "d { "Hqwtktg/tecpukht o " kphctgf "ur gevtqeqr { "HVKT."Z/tc { "f khtcevkqp."WX/Xku."O GDOVj g"pcpqcvcncf uv"uj qy gf "c"j ki j "cevkxk{ " kp"vj g"j gvtqe {erle"u{pvj guku0Vj g"ecvncf uv"eqwf "dg't geqxtg gf "cpf "tgwugf "y kj qw'cp { "uki phtkcpv"htuu"qh" cevkxk{0"

**Keywords:** "tcpuukqp"o gcnr j qur j cvg. "P cpqecvncf uv"HgRQ6."j {ftqvj gto ciltqwg."Dgp| ko kf c| qrg" u{pvj guku"0"

"

"

**III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE**

**THE IMPROTANCE OF FEMALE LEADERSHIP IN EDUCATION AND ITS DEVELOPMENT**

***Khimmataliyev Dustnazar Omonovich***

*F qevqt "ql'Rgf ci qi kecn'luekgpegu."rt qlguuqt. "Ej kt ej kn'Ucvg'Rgf ci qi kecn'Wpkxgt ukv. "Hcewnv" ql' r gf ci qi {. "Ej kt ej kn'W/dgnkacp"*

*QTEK "KF <j wru<1qt ekf Qti D22; /2228/4848/5567"*

***Qorayev Samariddin Barakayevich***

*F qevqt "ql'Rgf ci qi kecn'luekgpeg."rt qlguuqt. "Ej kt ej kn'Ucvg'Rgf ci qi kecn'Wpkxgt ukv. "Hcewnv" ql' r gf ci qi {. "Ej kt ej kn'W/dgnkacp"*

*QTEK "KF <j wru<1qt ekf Qti D222/2224/488: /945Z"*

***Gopporova Odinoxon***

*4pf/{ gct "O cuvgt )u'wvf gpv. "Ej kt ej kn'Ucvg'Rgf ci qi kecn'Wpkxgt ukv. "Hcewnv" ql'r gf ci qi {. "Ej kt ej kn' W/dgnkacp"*

*QTEK "KF <j wru<1qt ekf Qti D22; /2223/9993/: 393"*

**ABSTRACT**

Vj ku'ct vleg" gzi rqt gu"vj g'uki phlecpv'tqng"qh'hgo crg"ngcf gtuj kr "kp"gf wecvkqp"cpf "ku"r quklxg"ko r cev"qp" uej qqm"cpf "wpkxgtukgu'K'j ki j rki j w"j qy "y qo gp"ngcf gtudt"kp"i "go r cvj {. "kpenwukxv". "cpf "c"hgewu"qp" uwf gpv'y gm'dgkpi . "hquvgt kpi "gpxkt qpo gpv'u'vj cv'gpeqwtci g"uwf gpv'o qvxcv'kqp"cpf "uweegu0'Y qo gp"kp" ngcf gtuj kr "cnuq'r tqo qvg'kppqxcv'kqp"cpf "eqm'dqtcv'kqp"kp"vj g'er'uutqao . "o cnkpi "gf wecvkqp"o qt g'f { pco ke" cpf " kpenwukxg' J qy gxgt. " vj g" ct vleg" f kuewuugu" vj g" ej cmgpi gu" y qo gp" hceg. " kpenw' kpi " uqelgv'cn' gzi gev'v'kpu. "dcrpe'kpi "hco kn' "t gur qpukdk'k'k'gu. "cpf "qxgteqo kpi "i gpf gt "uvgt gqv'r gu'Vq"uwr r qt v'o qt g" y qo gp"kp"ngcf gtuj kr "tqng. "vj g"ct vleg"qh'htu"ugxgtcn'tgeqo o gpf cv'kqpu'Vj gug" kpenw' g"ko r ngo gpv'kpi " utqpi gt "i gpf gt "gs wcrkv{ "r qrl'elgu. "r tqxkf kpi "ngcf gtuj kr "v'cl'kpi "cpf "o gpv'qtuj kr . "r tqo qv'kpi "y qtm'rkhg" dcrpe'g" vj tqwi j " hrgz'kdrng" uej gf wrgu" cpf " r ct gpcv'cn' uwr r qtv. " tckulpi " cy ct gpguu" vq" ej cmgpi g" i gpf gt " uvgt gqv'r gu. " qh'ht kpi " h'kpc'ekcn' uwr r qt v' hqt " y qo gp" kp" gf wecvkqp. " cpf " v'c'cnkpi " r tqi tguu" vq" gpuwt g" kpk'k'v'k'gu'ct g'gh'ge'v'k'g'0'D{ "v'cnkpi "vj gug"uvgr u. "gf wecvkqpcv'cn'kpu'k'w'k'qpu"ecp"go r qy gt "y qo gp"vq"ngcf . " gpj c'pekpi "f kxgtukv{ "cpf "et gcv'kpi "h'cl'gt. "o qt g'kpenwukxg'gf wecvkqpcv'cn'gpxkt qpo gpv'u'ht "cnf'

**Keywords:** 'Hgo crg'ngcf gtuj kr . "gf wecvkqp. 'i gpf gt "gewcrkv{ . "ngcf gtuj kr "f gxgnr o gpv. 'i gpf gt "uvgt gqv'r gu'0"

"

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**ABSTRACT BOOK**

### III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCH CONFERENCE

#### MECHANISMS OF COMPREHENSIVE ACTIVITIES OF THE PEDAGOGICAL EDUCATION CLUSTER (THE CASE OF CHIRCHIK CITY)

*Toshtemirova Saodat Abdurashidovna*

*Ej kt ej kn'Ucvg'Rgf ci qi kecn'Wpkxgtukf. 'Hcewn' qh'J wo cp,v,gu 'F gr ctvo gpv'qh'J ,uqt { 'Cuuqekcvg' Rt qhguuqt. 'Ej kt ej kn'W' dgnkncp"*

*IQTEK \*\_j wru-1qt ekf Qti 1222; /2223/4583/2432+ "*

#### ABSTRACT

Ceeqtf lpi "v"j g"zr gtlgpeg"qh'cf xcepgf "eqwptlgu."y g"lptqf wevkqp"qh'gf wevkqp"enwugt u"y kj "j ki j " ghlelgepe { ."r ct vkwctn' "lp"j g"Vcuj ngpv't gi kqp."r { u" c"uki pklcepvtqng"lp"gpwt lpi "eqvkwkx" co qpi " gf wevkqp'cn'gpvklgu."o ggvlpi "uqekn'qtf gt u."cpf "r tqxkf lpi "s wkn'cpf "qr vko cn'uqrvkqpu"vq"r tqdngo u0Cu" c"egpvtcn' r vht o "hqt "vej pqmji kecn'eqqr gcvkqp"lp"gf wevkqp'cn'v{r gu."y g'r gf ci qi kecn'gf wevkqp"enwugt " ugtxgu"cu"cp"ghgevkx"o gej cpkuo "hqt"ko r tqxkpi "y g"lptcut wewtg"cpf "g zr cpf lpi "ku"cevkxkxgu0Vj ku" r cr gt "r tgugpvu"j g"uelgpvkle"cpf "vej pqmji kecn'dcuku"hqt "et gcvkpi "c"ugt xleg"lptcut wewtg"y kj lp"j g" r gf ci qi kecn'gf wevkqp"enwugt OC f kklqpcmf . hqt gli p"zr gtlgpegu'ct g'cpcn' | gf "lp" f gvkn'cpf "y g"pgeguukv{ " qh'et gcvkpi "qr gp"gf wevkqp'cn'eqvpgpv"\*ugt xleg"r vht o u+"ku" f go qpwt cvgf . "c f t guukpi "y g"kuwgu."i qcm." cpf "uki pklceppeg"qh'v' ku"o cvgt 0Vj g"uqekn'ko r qvcepg"qh'r tqlgewu"ko r ngo gpvfg "y kj lp"j g'r gf ci qi kecn' gf wevkqp"enwugt . lpenw' lpi "y g'r tqlgv'0O qf kkecvkqp"O gy qf qmji { "hqt "Vgcej lpi "J kuqt { "lp"j g'Enwugt " U{vgo ö."ku" f kuewugf . "j ki j nki j vpi "y g"o gy qf qmji kecn' cpf "vej pqmji kecn' hqwpf cvkqpu0Vj g"r cr gt " r tgugpvu" o gej cpkuo u" hqewugf " qp" kvgtf kvkr nkpt { " kvgi tvkqp" cpf " kv kxkf wcrk gf " cr r tqcej gu" vq" r tgr ct lpi "uwf gpw'hqt "r tqhguukqpcn'cevkxkx0'

**Keywords:** "gf wevkqp" enwugt . "eqvkwkx" . "u{vgo ke" cr r tqcej . "eqpukvgepe { ." o qdkkx { ." uqekn' qtf gt . " kppqxcvqkq . kvgi tvkqp . "o gej cpkuo . "ectgg" i vkf cpeg . f kci pqku . "o gy qf qmji { ." kv kxkf wcrk gf "gf wevkqp . " j kuqt { "gf wevkqp" enwugt . "Uw' gpv' Cef go { ." kvgtf kvkr nkpt { "kvgi tvkqp"

# III. INTERNATIONAL KORKUT ATA SCIENTIFIC RESEARCHES CONFERENCE

November 22-24, 2024



"

"

ni kk'o cno c="

"

50'WNUNCTCTCUKMQTMWV"CVC"D N O UGN"CTC VKTO CNCT"MQPI TGU "44/46"  
Mcu,o " 4246" vctkj rgtk' ctcu,pf c" Dcj ±g." Quo cpkğ g" 56" hctm," Ångpkp"  
cnef go ku{gp lctc vto ce,ret,p,p" ney,no ,{r" i gt±gmg o k vkt0' Mqpi tg" ner uco ,pf c" uwpwo w'  
{cr ,rxp"7: 6'dkf klpk"4: 5"cf gkVÅnkğ g"ney,no e,ret"vctch,pf cp=523'dkf kklug"56"Ångf gp"  
ney,no e,ret" vctch,pf cp" uwpwo w wt0' Mqpi tg" 38" Qecm' 4242" Cnef go kn' Vg xkm' " f gpg k'  
[ 3/pgwo grk kpg"i gvtkpg" ÷Vgdrk rgtk" uwpwf w w' {wtv'k±pf g" xg{c" {wtv'f, ,pf cnk' gvkprk kp"  
wwurctctcu,"qrctcn'pkgrgpf kt kgdko guk" k±p"VÅnkğ" f, ,pf c"gp" c/" dg "hctm,"Ångf gp"u/4nÅ"  
vgdrk 'lwpcp'hpwo ce,p,p'hey,no 'uc rco cu,'xg'vgdrk rgtk' {ct.f cp'lc/rcu,p,p'VÅnkğ' f, ,pf cp"  
ney,no e,ret"vctch,pf cp'lwpwo cu,'gucw,t0'f g k kmk kpg'w{ i wp'f Å gprgo k vkt0'

"

Dki kgtkpkğ"ct| "gf kkt."

"

Uc{i ,ret,o r."

**Dr. Ahmet KARDAŞLAR**  
DÜZENLEME KURULU BAŞKANI



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Konu :Temsilci Belirleme

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Bahçe/Osmaniye

Telefon : 0 328 861 22 82 Faks:0328 825 0097

e-Posta : bahcemyo@osmaniye.edu.tr Web : <http://bahcemyo.osmaniye.edu.tr>

Kep Adresi : oku@hs01.kep.tr

Bilgi için : Emin UZUN

Unvanı : Bilgisayar İşletmeni







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Doç. Dr. Mustafa SEVİNDİK - Osmaniye Korkut Ata Üniversitesi, Türkiye

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Bahçe/Osmaniye

Telefon : 0 328 861 22 82 Faks:0328 825 0097

e-Posta : bahcemyo@osmaniye.edu.tr Web : <http://bahcemyo.osmaniye.edu.tr>

Kep Adresi : oku@hs01.kep.tr

Bilgi için : Emin UZUN

Unvanı : Bilgisayar İşletmeni





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BAHÇE MESLEK YÜKSEKOKULU MÜDÜRLÜĞÜNE

İlgi : 06.11.2024 tarihli ve 205081 sayılı yazınız.

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Prof. Dr. Turgay UZUN  
Rektör

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Adres : Okü Rektörlük Binası 1. Kat  
Telefon : 328 827 10 33 Faks:328 827 00 97  
e-Posta : [personel@osmaniye.edu.tr](mailto:personel@osmaniye.edu.tr) Web : <http://personel.osmaniye.edu.tr/>  
Kep Adresi : [oku@hs01.kep.tr](mailto:oku@hs01.kep.tr)

Bilgi için : Hale Kurt  
Unvanı : Şef

