

**KONYA MÜHENDİSLİK BİLİMLERİ DERGİSİ**  
**Konya Journal of Engineering Sciences**  
**(KONJES)**

ISSN 2667 – 8055 (Elektronik/Electronic)

---

Cilt	12	Haziran	2024	Sayı	2
Volume	12	June	2024	Issue	2

---

**İÇİNDEKİLER (CONTENTS)**

**Araştırma Makalesi (Research Article)**

**THE EFFECT OF WOOD VENEER TYPE ON THE REDUCTION OF SOUND TRANSMISSION BETWEEN NOISE-PRODUCING INTERIOR SPACES IN BUILDINGS**

Eda Nur ERZURUM SONUÇ, Mustafa DERELİ ..... 280-289

**NEW HYBRID WINDOWS BASED ON COSH WINDOW AND THEIR PERFORMANCE ANALYSIS IN FIR DIGITAL FILTER DESIGN**

Oğuzhan COŞKUN, Kemal AVCI ..... 290-306

**EFFECT OF PILE GEOMETRY AND SOIL SATURATION DEGREE ON POINT BEARING CAPACITY FOR BORED PILES IN SANDS**

Yavuz YENGİNAR, Bekir FİDAN, Murat OLGUN ..... 307-325

**RANKING OF THE MEMBER COUNTRIES IN THE BLACK SEA ECONOMIC COOPERATION ORGANIZATION USING MULTI-CRITERIA DECISION-MAKING METHODS**

Ahmet SARUCAN, Mehmet Emin BAYSAL, Orhan ENGİN ..... 326-343

**FUZZY LOGIC APPROACH FOR PREDICTING STUDENT ACHIEVEMENT IN SCRATCH TRAINING**

Ali ÇETİNKAYA ..... 344-357

**U2-NET SEGMENTATION AND MULTI-LABEL CNN CLASSIFICATION OF WHEAT VARIETIES**

Mustafa Şamil ARGUN, Fuat TÜRK, Zafer CİVELEK ..... 358-372

**HEAT TRANSFER EXAMINATION OF OSCILLATING NANOFUID FLOW IN A RECTANGULAR CORRUGATED CHANNEL WITH VERTICAL PLATES: A NUMERICAL STUDY**

Selma AKÇAY..... 373-395

**SOLAR-POWERED UAV: A NOVEL APPROACH TO CONCEPTUAL DESIGN**

Caner İLHAN, Zeynep ÇALIK ..... 396-409

**AN INVESTIGATION ON UTILIZATION OF DOĞANHİSAR/KONYA CLAYS IN GLAZED PORCELAIN TILE BODIES**

Volkan KALEM, Gülay SARIKAYA ..... 410-418

<b>EXPLORING MIL-53 (A1) ADSORPTION EFFICIENCY FOR INDIGO CARMINE DYE</b> Duygu YANARDAĞ KOLA, Serpil EDEBALI .....	419-431
<b>EXAMINATION OF THE SEISMIC BEHAVIOR OF THE HISTORICAL YEŞILDERE BRIDGE</b> Pınar USTA EVCİ, Ali Ekber SEVER, Elifnur ŞAKALAK, Cemile ÜNVEREN .....	432-450
<b>THE INFLUENCE OF FUSED FILAMENT FABRICATION PARAMETERS ON THE FRACTURE BEHAVIOR OF PLA SPECIMENS CONSIDERING ENERGY CONSUMPTION</b> Osman ÖZTÜRK, Muhammed Arif ŞEN, Mevlüt AYDIN .....	451-464
<b>PERFORMANCE EVALUATION OF DIFFERENT DEEP LEARNING MODELS FOR CLASSIFYING ISCHEMIC, HEMORRHAGIC, AND NORMAL COMPUTED TOMOGRAPHY IMAGES: TRANSFER LEARNING APPROACHES</b> Mustafa ALTINTAŞ, Muhammet Üsame ÖZİÇ .....	465-477
<b>MACHINE LEARNING AS A POWERFUL TOOL FOR PERFORMANCE PREDICTION AND OPTIMIZATION OF CONCENTRATED PHOTOVOLTAIC-THERMOELECTRIC SYSTEM</b> Aminu YUSUF, Nevra BAYHAN, Hasan TIRYAKI, Sedat BALLIKAYA .....	478-493
<b>PARAMETER OPTIMIZATION OF LQR CONTROLLER APPLIED TO THREE DEGREES OF FREEDOM SYSTEM WITH HYBRID APPROACH</b> Yasin BÜYÜKER, İlhan İLHAN .....	494-510
<b>ASSESSING THE IMPACTS OF TITANIUM DIOXIDE NANOPARTICLES ON SEED GERMINATION AND SEEDLING GROWTH IN WHEAT</b> Ozlem ATES SONMEZOGLU, Alaa KAMO, Busra BOZKAYA, Savas SONMEZOGLU .....	511-521
<b>VIBRATION BEHAVIOR OF THERMOPLASTIC COMPOSITE WITH DIFFERENT GLASS FIBER CONTENTS UNDER LOW-TEMPERATURE CONDITIONS</b> Hayrettin ŞEN, Murat AKDAĞ, Gökçe Mehmet GENÇER, Nahit ÖZTOPRAK .....	522-530
<b>MODELING OF MALACHITE GREEN ADSORPTION ONTO AMBERLITE IRC-748 AND DIAION CR-11 COMMERCIAL RESINS BY ARTIFICIAL NEURAL NETWORK</b> Hüseyin ECEVİT, Duygu YANARDAĞ KOLA, Serpil EDEBALI, Türkan ALTUN .....	531-541
<b>LITHIUM EXTRACTION POTENTIAL OF HECTORITES FROM THE BIGADIÇ BORATE BASIN: MINERALOGICAL CHARACTERIZATION AND SELECTIVE CATION EXCHANGE EXPERIMENTS</b> Hatice ÜNAL ERCAN .....	542-560
<b>SITE SUPERVISOR SELECTION WITH ANALYTIC HIERARCHY PROCESS (AHP) AND CASE STUDY</b> Oğuzhan BÜLBÜL, Recep KANIT .....	561-585