

**KONYA JOURNAL OF ENGINEERING SCIENCES
(KONJES)
KONYA MÜHENDİSLİK BİLİMLERİ DERGİSİ**

ISSN 2667 – 8055 (Electronic)

Volume	13	March	2025	Issue	1
--------	----	-------	------	-------	---

CONTENTS

Research Articles

MA-OFDM-SPM: A NEW MULTIPLE ACCESS TECHNIQUE FOR 3GPP-DEFINED REDCAP IOT DEVICES

Ülkü GÜLEÇ, Jehad M. HAMAMREH, Seyfettin Sinan GÜLTEKİN 1-10

INVESTIGATION OF THE EFFECTS OF RIB APPLICATION ON COOLING IN A TURBINE BLADE

Muhammed Emin TOLU, Osman BABAYİĞİT, Dilek Nur ÖZEN 11-24

ZnO-In₂O₃-SnO₂ THIN FILM TRANSPARENT HEATERS: TUNABLE ELECTROTHERMAL PROPERTIES THROUGH SUBSTRATE TEMPERATURE AND POSTGROWTH ANNEALING

Hasan AKYILDIZ, Hilal Aybike CAN, Burak KIVRAK, Tayfur ÖZTÜRK 25-43

DETERMINATION OF TRAFFIC IMPACT LEVEL IN URBAN CYCLING

Recep AYDAR, Osman Nuri ÇELİK 44-58

A COMPARATIVE STUDY OF DIVERSE AUTOENCODER MODELS IN LOCAL GEAR PITTING FAULT DIAGNOSIS

Mustafa YURTSEVER, Rafet Can ÜMÜTLÜ, Hasan ÖZTÜRK 59-73

CHARACTERIZATION OF EPOXY RESIN AND SILLE STONE POWDER BASED COMPOSITE MORTARS

Ahmet Cihat ARI, Mustafa TOSUN 74-97

AN ADAPTIVE AND HYBRID STATE OF CHARGE ESTIMATION METHOD INTEGRATING SEQUENCE-TO-POINT LEARNING AND COULOMB COUNTING FOR LI-ION BASED ENERGY STORAGE SYSTEMS

Halil ÇİMEN 98-109

ONE-STATION, DOUBLE-STATION AND ARRAY ANALYSIS OF RAYLEIGH SURFACE WAVES APPLIED TO A COMMON-SHOT GATHER: A PROGRAMMED TECHNIQUE DESCRIBED THROUGH SYNTHETIC SEISMOGRAMS IN NEAR-SURFACE

Özcan ÇAKIR 110-131

LAND ADMINISTRATION AND ITS DIGITAL SHIFT IN BANGLADESH AND TÜRKİYE: A COMPARATIVE ANALYSIS

Md Moynul AHSAN 132-146

ANALYZING THE IMPACT OF THE 2023 GENERAL ELECTIONS ON LAND PRICES USING MACHINE LEARNING: A CASE STUDY IN ÇANAKKALE, TURKEY Simge DOĞAN, Levent GENÇ, Sait Can YÜCEBAŞ, Şükran YALPIR	147-164
IMPACT ANALYSIS OF PLUG-IN ELECTRIC VEHICLES ON THE REAL RESIDENTIAL DISTRIBUTION NETWORK Muhammed Sait AYDIN	165-179
OPTIMIZATION OF SHEAR AND PEEL STRESSES IN DOUBLE-L-BRACKET JOINTS USING RESPONSE SURFACE METHODOLOGY Bertan BEYLERGİL	180-203
INDUCED STRESSES & DISPLACEMENTS CAUSED BY SINKHOLE DEVELOPMENT Mehmet Kemal GOKAY, Mehmet MESUTOGLU	204-219
REAL-TIME DETECTION OF TRAFFIC SIGNS WITH YOLO ALGORITHMS Abdil KARAKAN	220-237
IMAGE ENHANCEMENT IN INDUSTRIAL WELDING ENVIRONMENT WITH IMAGE PROCESSING TECHNIQUES Levent CİVCİK, Muhammed Alperen AKSİN	238-259
POSITION CONTROL OF HYDRAULIC SERVO CYLINDER FOR WAVE CHANNEL Batın DEMİRCAN, Sabri BIÇAKÇI, Ersin AKYÜZ	260-276
EXPERIMENTAL AND NUMERICAL INVESTIGATION ON THE EFFECT OF INFILL WALLS ON DYNAMIC BEHAVIOR IN RC STRUCTURES: SHAKE TABLE TESTS Abdulhamit NAKİPOĞLU, M. Sami DÖNDÜREN	277-293
COPPER EXTRACTION FROM DEEP EUTECTIC SOLVENT AS ATACAMITE BY HYDROLYSIS METHOD Mehmet Ali TOPÇU	294-306
URETHANE-MODIFIED ALKYD RESIN BASED PAINT PRODUCTION: DETERMINATION OF PAINT PROPERTIES Ferda CİVAN ÇAVUŞOĞLU, Işıl ACAR	307-320
IMPACT OF PARTIAL SHADING GEOMETRY ON THE ENERGY AND EXERGY PERFORMANCE OF PV MODULES Saleh Musaed Saleh Musaed ALNAKHLANI, Selcuk SELIMLI	321-335