



1308-6693

Owners

Prof. Dr. Hasan IBICIOGLU (Rector of Suleyman Demirel University)
Prof. Dr. S. Nilay KESKIN (Dean of Engineering and Architecture Faculty at SDU)

Chief Editorial Board

Prof. Dr. Ata Utku AKCIL
Assoc. Prof. Dr. Tuncay YIGIT
SDU Dept. of Mining Engineering, Isparta, TR
SDU Dept. of Computer Engineering, Isparta, TR

Co-Editorial Board

Ress. Assist. Ali GUNES
Ress. Assist. Erdal AYDEMIR
SDU Dept. of Computer Engineering, Isparta, TR
SDU Dept. of Industrial Engineering, Isparta, TR

Editorial Advisory Board

Prof. Dr. Abdullah AVEY
Prof. Dr. Mustafa KUŞCU
Prof. Dr. Osman IPEK
Prof. Dr. Rasit ALTINDAG
Prof. Dr. Zeynep B. SEYDIM
Prof. Dr. Ziya GENCEL
Assoc. Prof. Dr. Gulin BEYHAN
Assoc. Prof. Dr. M. Nuri DOLMAZ
Assoc. Prof. Dr. Selcuk COMLEKCI
Assoc. Prof. Dr. Tuncay YIGIT
Assist. Prof. Dr. Gultekin OZDEMIR
Assist. Prof. Dr. Sibel KAPLAN
Assist. Prof. Dr. Sibel YILDIZ
Dr. M. Yunus PAMUKOGLU
SDU Dept. of Civil Engineering, Isparta, TR
SDU Dept. of Geological Engineering Isparta, TR
SDU Dept. of Mechanical Engineering, Isparta, TR
SDU Dept. of Mining Engineering, Isparta, TR
SDU Dept. of Food Engineering Isparta, TR
SDU Dept. of City&Urban Planning, Isparta, TR
SDU Dept. of Architecture, Isparta, TR
SDU Dept. of Geophysical Engineering, Isparta, TR
SDU Dept. of Elc. & Com. Engineering, Isparta, TR
SDU Dept. of Computer Engineering, Isparta, TR
SDU Dept. of Industrial Engineering, Isparta, TR
SDU Dept. of Textile Engineering, Isparta, TR
SDU Dept. of Chemical Engineering, Isparta, TR
SDU Dept. of Environmental Engineering, Isparta, TR

Reviewers in This Number

Prof. Dr. Mehmet KAMANLI
Prof. Dr. Remzi VAROL
Assoc. Prof. Dr. Omer CIVALEK
Assist. Prof. Dr. Bengi KUTLU
Assist. Prof. Dr. Hamide TEKELİ
Assist. Prof. Dr. Kasım KORKMAZ
Assist. Prof. Dr. Meltem SAPLIOGLU
Assist. Prof. Dr. Recep K. KIYILDI
Assist. Prof. Dr. Serdar KARAKAS
Dr. E. Sema NAMLIGOZ
Dr. Emine SAYILGAN
Dr. Şule KAPLAN BEKAROGLU
Selcuk University, TR
Suleyman Demirel University, TR
Akdeniz University, TR
Dokuz Eylul University, TR
Suleyman Demirel University, TR
Suleyman Demirel University, TR
Nigde University, TR
Suleyman Demirel University, TR
Ege University, TR
Suleyman Demirel University, TR
Suleyman Demirel University, TR

CONTENTS

Civil Engineering

<i>The Search of the Effects of the Level Crossing to the Variety of Covering and Security</i> Mehmet KOZAK	1-11
<i>An Investigation of Effect of Slenderness Ratio on Failure Behaviour of Sidesway Existing Reinforced Concrete Frames by Nonlinear and Energy Based Methods</i> Taner UCAR, Onur MERTER	13-25
<i>A Hybrid Control of Seismic Response by Passive and Semi-active Control Strategies</i> Gokce KINAY, Gursoy TURAN	27-36
<i>The Stability of The Non-Homogenous Cylindrical Shell in The Elastic Medium Subjected to Uniform Hydrostatic Pressure</i> Zihni ZERIN	37-41

Environmental Engineering

<i>Assessment of Environmental Quality Effects of Heavy Metal and Natural Radioactivity from Abandoned Balya (BALIKESIR) Pb-Zn Mine Waste</i> Celalettin SIMSEK, Orhan GUNDUZ, Alper ELCI	43-55
--	-------

Mechanical Engineering

<i>Effect of Abrasiv Particle Size on the Three-Body Abrasive Wear of As-Cast Ferritic and Pearlitic Ductile Iron</i> Ferhat GUL, Lokman SENEL	57-64
--	-------

Textile Engineering

<i>A Study On The Effects Of Plasma Technologies On Wool Fiber</i> Kadri AKCALI, Meliha Oktav BULUT	65-72
--	-------