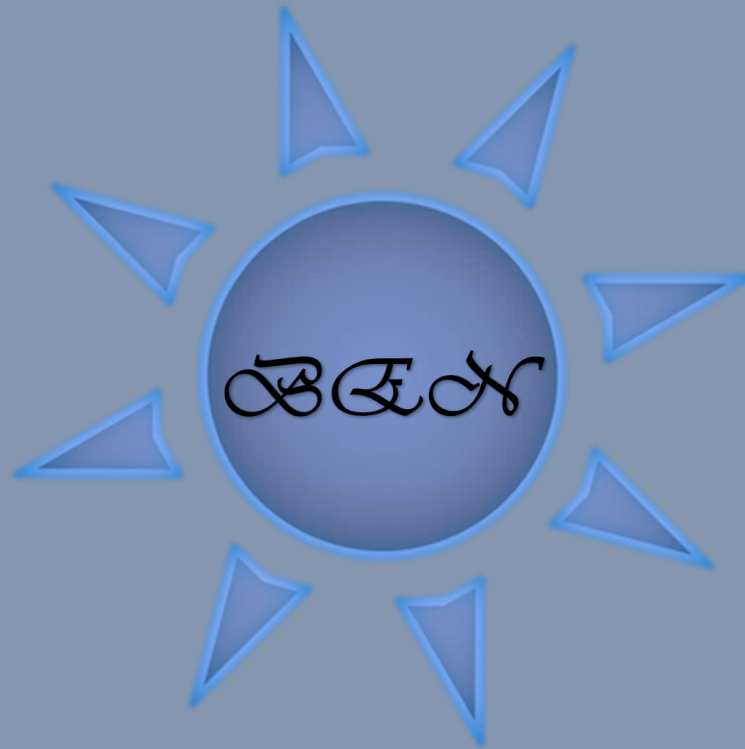


Volume: 3

Issue: 1

January 2022

ISSN: 2687-5195



Brilliant Engineering

Editor: A.C. AYDIN

HEA
Publications

Brilliant Engineering

Editor-in-Chief & Managing Editor

Abdulkadir Cüneyt AYDIN

E-mail: acaydin@atauni.edu.tr

Editorial Board

Ali ALLAHVERDİ

Kuwait University, KUWAIT

Ayhan ÇELİK

Ataturk University, TURKEY

Ayman S. MOSALLAM

University of California, USA

Ayşe YURTCAN BAYRAKÇEKEN

Ataturk University, TURKEY

Bennaceur OUAKİ

ENSMR, MOROCCO

Burak DİKİCİ

Ataturk University, TURKEY

Burak ERKYAMAN

Ataturk University, TURKEY

Ensar OĞUZ

Ataturk University, TURKEY

Ergün YILDIZ

Ataturk University, TURKEY

German DELAFUENTE

Zaragoza University, SPAIN

Hikmet ALTUN

Ataturk University, TURKEY

Hüseyin BİLGİN

EPOKA University, ALBANIA

Hongze WANG

Shanghai Jiao Tong University,
CHINA

İhsan EFEOĞLU

Ataturk University, TURKEY

Jian JIANG

China University of Mining and
Technology, CHINA

Jinyang XU

Shanghai Jiao Tong University,
CHINA

Kadir BİLEN

Ataturk University, TURKEY

Kemal BEYEN

Kocaeli University, TURKEY

Khalil EL-HAMI

University of Hassan, MOROCCO

Mahmood KHALID

King Abdulaziz University,
SAUDI ARABIA

Mahmut FIRAT

Inonu University, TURKEY

Marko SERAFIMOV

Methodius University,
MACEDONIA

Mehmet ERTUĞRUL

Ataturk University, TURKEY

Mehmet İNAN

Oregon University, USA

Mohd NİZAR

HAMIDON Universiti Putra
MALAYSIA

Mojtaba B. SİRJANİ

Norfolk State University, USA

Murat DAL

Munzur University, TURKEY

Naimul HAQUE

East West University,
BANGLADESH

Ömer ÇOMAKLI

Ataturk University, TURKEY

Özgür ANIL

Gazi University, TURKEY

Selim PUL

Karadeniz Technical University,
TURKEY

Taner TEKİN

Ataturk University, TURKEY

Tevhit KARACALI

Ataturk University, TURKEY

Vahid JAHANGIRI

University of Mohaghegh,
IRAN

Yao YU

North Dakota State University,
USA

Yusuf ÖZTÜRK

San Diego State University, USA

Brilliant Engineering is a quarterly published by ACA Publishing, as an international open access journal. Whole of the submitted papers are subjected to peer review process. The manuscripts with high quality original content will be published.

Copyright © ACA Publishing Online ISSN: 2687-5195
Publisher: Abdulkadir Cüneyt AYDIN <ACA Publishing>
Ataturk University, Engineering Faculty
Department of Civil Engineering
25030 Erzurum, TURKEY

Contents

Article ID

Jean de Dieu Gatesi, Bin Shuai, Rachel Mukamana, Jean de Dieu Mutabaruka Study on the Impact of “Gerayo Amahoro Policy” on Road Traffic Accidents Reduction in Rwanda	4197
Saurabh Rai, Sourabh Singla, Prerna Saurabh, Amar Kumar Verma GTN Damage Modelling of the AA6063 Using Image Processing	4400
Saad Issa Sarsam Correlating the Strength Properties of Roller Compacted Concrete	4484
Afroja Sultana, Md. Mostafizur Rahman Suitability Assessment of Construction and Demolition Waste as a Highway Material	4496
Lamara Bitsadze Boundary Value Problems of Thermoelasticity for Porous Sphere and for A Space with Spherical Cavity	4501