

Volume: 3 Issue: 3

July 2022

ISSN: 2687-5756



# Civil Engineering Beyond Limits

Editor: A.C. AYDIN



# Civil Engineering Beyond Limits

Volume: 3 Issue: 3

July 2022

ISSN: 2687-5756

## Contents

## Article ID

**Oday Al-Mamoori , J. Enrique Martinez-Rueda**

Rectangular C-Device with Circular Transitions: Modelling Approaches and Development of an Equivalent Nonlinear Inelastic Spring for Seismic Analysis

1579

**Saad Issa Sarsam**

Influence of Micro-Crack Healing on Viscoelastic Properties of Moisture Damaged Asphalt Concrete

1703

**Nirmal Chandra Roy , Md. Belal Hossain , Md. Saifullah Mansur , Md. Sifat Ahmed , Md. Shaidur Rahman**

Factors of Fatigue on Long-route Drivers in Bangladesh

1726

**Hany el-Kady , Osama Amer , Ashraf Shawky , Ahmed H. Ali , Hesham Haggag**

Quasi-static Cyclic In-plane Testing of Slender GFRP-Reinforced Concrete Shear Walls

1737

**Barış Bayrak, Mahmut Kılıç, Mahyar Maali, Oğuzhan Çelebi, Abdulkadir Cüneyt Aydın**

The Behavior of Hybrid Fiber RC Shear Walls Subjected to Monolithic Pure Torsion: An Analytical Study

1745

**Editor-in-Chief & Managing Editor**

**Abdulkadir Cüneyt AYDIN**

E-mail: [acaydin@atauni.edu.tr](mailto:acaydin@atauni.edu.tr)

Civil Engineering Beyond Limits 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:2687-5756

Publisher: Fatma AYDIN <ACA Publishing>

Ataturk University, Engineering Faculty, Department of Civil Engineering  
25030 Erzurum, TURKEY

