International Journal of Engineering and Technology

CONTENTS

Volume 10, Number 4, August 2018

• Building Materials and House Design
  Study on Durability of Grouting Materials for Reinforcement in a Double-Deck Tunnel………………274
    H. S. Heo and B. J. Lee
  A Survey on Seismic Reinforcement Systems of Adobe Buildings in Iran…………………………..280
    S. Farahbakhsh and D. Heydari Beni
  Innovative Methods of Bitumen Modification Used in Waterproofing……………………………..288
    Maria Ratajczak, Michał Babiak, Marcin Bilski, Krzysztof Zieliński, and Jacek Kosno
  Ultimate Stress of the Steel Tube in Circular CFT Stub Columns Subjected to Axial Compression……295
    Siqi Lin and Yan-Gang Zhao
  Thermal Resistance of Two Layers Precast Concrete Sandwich Panels……………………………..300
    Abdul Aziz Farah N. A., Sani Mohammed Bida, Abu Bakar Nabilah, Mohd Saleh Jaafar, and Farzad Hejazi
  The Seismic Behavior of Cross-Laminated-Timber Composite Slab in High-Rise Building……………305
    Xin Yin

• Project Management and Information System
  Aligning Tender Cost Estimation Practices in Iran with BIM…………………………………………..309
    M. Ashtab and M. R. Farzad
  The Implementation of Building Information Modelling (BIM) in Construction Industry: Case Studies in Vietnam……………………………………………………………………………………………………315
    Ngoc Quyet Le, Michael Er, and Shankar Sankaran
  Study on Equity Structure of PPP Project Based on the Balance of Public-Private Interest………………321
    You Siqi, Hou Wenhua, and Zhang Yuqing

• Mechanical Engineering
  Stiffness Characteristics Analysis of a Novel 3-DOF Parallel Kinematic Machine Tool………………….326
    Haiqiang Zhang and Hairong Fang
  Experimental Investigation into the Compressive Behavior of Steel Columns with Flange Joints in Prefabricated Steel Frame Structure………………………………………………………………335
    Jianjun Yang, Huaguo Chen, and Jian Min
  The Simulation of Punching Shear Behavior of Spread Footing with Specially Shaped Columns………..341
    Xiufeng Xu and Zi’ang Kong
• **Energy and Environmental Engineering**
  
  Fuel Station Capacity on Major Arterial Road in Thailand: A Case Study in Chonburi Province, Thailand…346  
  
  *Supornchai Utainarumol and Surachai Ampawasuvan*

Development of Rainfall Intensity-Duration-Frequency Curves for South Western Nigeria………………….353  
  
  *Awofadeju A. S., Akanni, A. O., Ojeleke T. A., and Oguntayo A. A.*