International Journal of Engineering and Technology

CONTENTS

Volume 10, Number 3, June 2018

Concrete Design and Building Materials Management
pplication and Mechanics Analysis of Multi-function Construction Platforms in Prefabricated-concrete
onstruction
Rong Xu, Meihua Wang, Rongshuai Li, and Wenze Zhang
lassification of Travertine Tiles with Supervised and Unsupervised Classifiers and Quality Control22 Nazan Kemaloglu, Tuncay Aydogan, and Sedat Metlek
fulti-agent Simulation-Based Collaborative Inventory Management to Architecture Prefabricated Component
Du Juan, Gao Bonan, and Yuan Fan
orosity and Water Absorption of Aerated Concrete with Varying Aluminium Powder Content
sing CFRP NSM Technique with Roots Planted in Concrete to Strength of Prism Beam for Shear23 Douread R. Hassen, Abdul Aziz Abdul Samad, Noridah Binti Mohamad, Alyaa A. Azeez, and Ali Norityah
Geological Engineering and Environmental Management
ARich Past A Smart and Sustainable Future
onstruction of 3D Rainfall Threshold Surface for Debris Flow Warning
Hybrid Model of Max-Min Ant System with Genetic Algorithm For Improved To Travelling Salesman oblem
Tuncay Aydoğan and Raed Al-Badri
pplying Principle Component Analysis to Explore Climatic Variability in Northern of Thailand25 D. Prangchumpol
Mechanical and Electrical System Design and Control
esign Optimization of Disc Brake for Reducing Squeal Noise by Frequency Sensitivity Analysis26
Bawoo Cha, Taeksu Jung, Yunhwa Hong, Sungsu Park, Cheongmin Kim, Younghoon Hong, and Chongo ho
esign of Simulation for Transient Stability Analysisin Smart Grid by Using Critical Clearing Time Index26 Hartono and Ming-Tse Kuo