

Table of Contents

Volume 3 Number 4

November 2015

Parameters Optimization for Piezoelectric Harvesting Energy from Pavement Based on Taguchi's Orthogonal Experiment Design	
C. H. Sun, H. B. Wang, G. Q. Shang, J. H. Du.....	149
Conjunctive Use of Engineering and Optimization in Water Distribution System Design	
E. Batchabani, M. Fuamba.....	158
Performance Evaluation and Measurements of 3G Mobile Communication Networks: A Case Study	
K. A.-P. Agyekum, E. T. Tchao, E. Affum.....	176
Post-Buckling Behavior of Laminated Composite Cylindrical Shells Subjected to Axial, Bending and Torsion Loads	
Y. V. Narayana, J. B. Gunda, R. R. Pinninti, M. Ravvala.....	185
Effect of Probabilistic Pattern on System Voltage Stability in Decentralized Hybrid Power System	
N. K. Saxena, A. Kumar.....	195
Model of Maintenance Planning Based on Trend of Machines Failures with Two Priorities	
E. Prada, A. Pešková, M. Valášek.....	205
Design of a Novel Multi-Mode LED Dimming and Color Control System	
Y. W. Wang, L. Shen, X. X. Li, B. Zhang, Z. J. Lu.....	211
Design Optimization of TBM Disc Cutters for Different Geological Conditions	
Y. M. Xia, K. Zhang, J. S. Liu.....	218
Study on Synchronous Generator Excitation Control Based on FLC	
Z. T. Guo, H. Song, P. G. Wen, Z. Z. Fan.....	232
Application of Steel Fiber in Increasing the Strength, Life-Period and Reducing Overall Cost of Road Construction (by Minimizing the Thickness of Pavement)	
A. Ahad, Z. R. Khan, S. D. Srivastava.....	240
Rock Slope Stability Problems in Wadi Quaz-Dam Site No. 2, Jeddah-Saudi Arabia	
A. A. M. Alzahrani.....	251
Laws of Heat Radiation from Surfaces and Gas Volumes	
A. N. Makarov.....	260

A Critical Review of Machine Loading Problem in Flexible Manufacturing System

R. Singh, R. Singh, B. K. Khan.....271

Assessment of Seagoing Ships Longitudinal Strength in the Context of International Rules, Important Factor for Safe Operation

D. Lupascu, I. Chirica.....291

Impacts of the Financial Factors on Schedule Delays Risk of the International Contracting Projects: Evidence from Highway BOT Projects in Vietnam

H.-A. Vu, J. Q. Wang, L. X. Min, T.-N. Nguyen.....311

Design and Fabrication of Ginger Harvesting Machine

M. R. Sanjay, G. R. Arpitha, L. L. Naik, B. Yogesha.....320