

TABLE OF CONTENTS

Volume 3 Number 6

June 2011

Uniaxial Modelling of Behavior of the Concrete in Fast Dynamics: Approach to Seismic Behavior	
A. Baraka, M. B. Benmansour, Y. Abdelaziz, F. Djeddi.....	561
Reactivity of Fine Quartz in Presence of Silica Fume and Slag	
K. Arroudj, A. Zenati, M. N. Oudjit, A. Bali, A. Tagnit-Hamou.....	569
Optimization of Permanent Magnet Skew in Permanent Magnet Linear Synchronous Motors Using Finite Element and Statistical Method	
G. González-Palomino, J. Rivas-Conde, E. Laniado.....	577
Computation of Error in Estimation of Nonlinearity in ADC Using Histogram Technique	
R. S. Gamad, D. K. Mishra.....	583
Improvement of Used Transformer Oils with Activated Bentonite	
L. Nasrat, M. Abdelwahab, G. Ismail.....	588
The Effects of Dimension Ratio and Horizon Length in the Micropolar Peridynamic Model	
Y. Ferhat, İ. Ozkol.....	594
Slope Stability Analysis of Itakpe Iron Ore Mine, Itakpe, Nigeria	
R. A. Adebimpe, J. M. Akande, C. Arum.....	602
Machinability Study of Titanium (Grade-5) Alloy Using Design of Experiment Technique	
K. Dass, S. R. Chauhan.....	609
Fibre-Reinforced Generalized Thermoelastic Medium under Hydrostatic Initial Stress	
P. Ailawalia, S. Budhiraja.....	622
Application of Hypothesis of Replacement at the Analysis of a Slow Flow of a Body by a Viscous Fluid	
A. N. Volobuev, E. S. Petrov.....	632
Microscopic Observation of Nuclear Track Pores in Polymeric Membranes	
N. K. Acharya.....	639
A Combined Probabilistic and Optimization Approach for Improved Chemical Mixing Systems Design	
M. J. Opgenorth, W. E. McDermott, P. Laz, C. S. Lengsfeld.....	643
A Comparative Study on Several Anti-Corrosion Materials for Power FGD System	
Z. Y. Wang, D. S. Mei, W. T. Zhang, E. H. Han, Y. S. Wang.....	653
Electrochemical Deposition and Optimization of Thermoelectric Nanostructured Bismuth Telluride Thick Films	
H. M. A. Soliman, A.-H. B. Kashyout.....	659

The figure on the front cover is from the article published in Engineering, 2011, Vol. 3, No. 6, pp. 643-652, by Matthew J. Opgenorth *et al.*.