

TABLE OF CONTENTS

Volume 4 Number 12A

December 2012

Mathematical Modeling of the Actual Infiltration Process for the Preparation of C/C Composites	
G. Y. Chung, D. G. Hwang, S. S. Hong.....	921
Mitigation of Human Exposure to Electromagnetic Fields Using Carbon Foam and Carbon Nanotubes	
D. Micheli, M. Marchetti.....	928
Effect of the Weaving Density of Aramid Fabrics on Their Resistance to Ballistic Impacts	
J. S. Lim, B. H. Lee, C. B. Lee, I-S. Han.....	944
Migrated Exploding Reflectors in Evaluation of Finite Difference Solution for Inhomogeneous Seismic Models	
M. Nejati, H. Hashemi.....	950
A System for Road Pavement Composite Material Deformation	
V. P. Basuev, V. N. Venik, Y. K. Rybin, A. K. Efa.....	958
Influence of the Chemical Composition of Completion Fluids on the Propagation of Electromagnetic Waves within Oil Wells	
A. A. L. Cunha, M. A. Pacheco, J. R. Bergmann.....	966
Towards a Mathematical Model for Elastic Wave Propagation in Granular Materials	
L. Trujillo, V. Torres, F. Peniche, L. D. G. Sigalotti.....	972

The figure on the front cover is from the article published in Engineering, 2012, Vol. 4, No. 12A, pp. 928-943 by Davide Micheli and Mario Marchetti.