

Contents

Optimization of underground mine development system using fuzzy shortest path length algorithm	965
<i>Zoran Milan Gligoric, Cedomir Rajko Beljic, Sasa Miladin Jovanovic and Cedomir Miodrag Cvijovic</i>	
The dynamic performance of a shear thickening fluid viscous damper.....	983
<i>Fang-Yao Yeh, Kuo-Chun Chang, Tsung-Wu Chen and Chung-Han Yu</i>	
Multi-level trajectory learning for traffic behavior detection and analysis	995
<i>Hong-Yu Hu, Zhao-Wei Qu and Zhi-Hui Li</i>	
Performance of CFRP-strengthened RC beams subjected to repeated loads.....	1007
<i>Chin-Tsung Lin, Ying-Han Wu, Wei-Hsine Chin and Min-Lang Lin</i>	
A point-by-point impact vibration method for damage detection in beam-type structures	1018
<i>Chung-Yue Wang, Chin-Kuo Huang, Chin-Shian Chen and Chin-Lung Chiu</i>	
A novel method for evaluating the secondary voltages of transformers in primary substations based on sensitivity coefficients.....	1033
<i>Wen-Chih Su, Sheng-Nian Yeh and Jong-Chin Hwang</i>	
Classification of partial discharge patterns in GIS using adaptive neuro-fuzzy inference system.....	1043
<i>Ruay-Nan Wu, I-Hua Chung and Chien-kuo Chang</i>	
Steganalysis of images based on spatial domain and two-dimensional JPEG array.....	1055
<i>Hassan Farsi and Amir Shahi</i>	
Advanced ART2 scheme for enhancing metrology-data-quality evaluation.....	1064
<i>Yi-Ting Huang, Fan-Tien Cheng, Yu-Hsuan Shih and Yen-Lun Chen</i>	
Ultrasonic wave field effects on hydrogen production by water electrolysis	1080
<i>Ming-Yuan Lin and Lih-Wu Hourng</i>	
A security enhanced mutual authentication scheme based on nonce and smart cards.....	1090
<i>Wenbo Shi and Debiao He</i>	

