



CONTENTS

A modified colorimetric method to determine the chloride profile from the ponding test Chung-Chia Yang and Chih-Hsin Liang	419
Detecting the cracks and seepage line associated with an earthquake in an earth dam using the nondestructive testing technologies Sin-Long Lai, Der-Her Lee, Jian-Hong Wu and Yan-Min Dong	428
Large deflection analysis of cantilever beam under end point and distributed loads A. Kimiaeifar, N. Tolou, A. Barari and J.L. Herder	438
Genetic fuzzy logic traffic signal control with cell transmission modeling Yu-Chiun Chiou and Yen-Fei Huang	446
The path-specific traffic equilibrium problem with generalized cost functions Huey-Kuo Chen	461
Crushing behavior of metallic thin-wall tubes with triggering mechanisms due to quasi-static axial compression Yuen-Sheng Chiu and Syh-Tsang Jenq	469
Stress constraint-based iterative approach for configuration design Chyi-Yeu Lin, Jyh-Yeong Juang and Chen-Yu Chueh	479
Optimization of scale-rotation-translation synthesis after shape synthesis for path generation of planar mechanisms Wen-Yi Lin	497
Quantitative analysis of MTTF of composite web services Tao Hu, Minyi Guo, Song Guo, Hirokazu Ozaki, Kaoru Ota, Long Zheng and Mianxiong Dong	506
A self-adaptable image spam filtering system Tzong-Jye Liu, Cheng-Nan Wu, Chia-Lin Lee and Ching-Wen Chen	517
An economically-oriented neural network approach for optimum estimation of cellular phone subscriptions in noisy and nonlinear markets A. Azadeh, F. Asgarian, R. Mohammadi and M. Sheikhalishahi	529
Statistical modelling of small-scale fading effects for high-altitude platform propagation channels Behnam Rouzbehani and Arash Dana	540
Bi primitive switching crypto system with key generation mechanism for secure applications A. Ruhan Bevi and S. Malarvizhi	547
Corrigendum	556