

CONTENTS

A study on the dynamic characteristics and ultimate capacity of steel transmission towers <i>Chia-Yu Lee, Norden E. Huang, Ching-Churn Chern and Sheng-Chung Su</i>	273
A method for testing the strength of concrete using uniaxial direct tension <i>Wei-Ting Lin, An Cheng, Ran Huang and Tsan-Ching Cheng</i>	295
Solving a similarity transformation between two reference frames using hybrid geometric control features <i>Jen-Yu Han and Jen-Jer Jaw</i>	304
Seismic response analysis of a double-deck long-span cable-stayed bridge under multi-support excitations <i>Changke Jiao, Aiqun Li, Xiaoping Wu and Xin Dong</i>	314
Acoustic signals and geophone response of rainfall-induced debris flows <i>Hsien-Ter Chou, Yu-Lung Chang and Shu-Cheng Zhang</i>	335
A novel intelligent fuzzy estimator for uniform load determination on a beam with varying boundary conditions <i>Ming-Hui Lee and Iau-Teh Wang</i>	348
Second-order statistics of dual-hop transmission with an amplify-and-forward relay over Rician and Weibull fading channels <i>Yawgeng A. Chau and Karl Y.-T. Huang</i>	360
Integrating speaker-nonspecific timbre transformation to an HNM-based speech synthesis scheme <i>Hung-Yan Gu and Chen-Lin Tsai</i>	371
Reliability assessment for a stochastic manufacturing system with reworking actions <i>Yi-Kuei Lin and Ping-Chen Chang</i>	382
Optimizing the SmCP phase bent-core mesogen characteristics by introducing dimeric liquid crystals <i>Wei-Hsiang Lin, Yong Chang, Chien-Tung Liao, Hua-Shan Tai and Jiunn-Yih Lee</i>	391
Algebraic decoding of the binary systematic (71, 36, 11) quadratic residue code <i>Hung-Peng Lee, Hsin-Chiu Chang and Shao-I Chu</i>	399
Deception jammer rejection using pulse diversity in joint slow/fast-time domain <i>Gang Lu and Bin Tang</i>	405

