

## CONTENTS

### Section A: Marine Engineering, Maritime, and Marine Affair

Effects of Power System Stabilizer on Damping of Inter-Area Oscillation Using Remote Signal .....	905
..... Van-Dien Doan, Ta-Hsiu Tseng, and Pei-Hwa Huang	
Generation Control Schemes for Preventing Overloading of EHV Substation Main Transformer .....	913
..... Yi-Kuan Ke and Pei-Hwa Huang	
Dynamic Economic Relations among Steel Price Indices .....	919
..... Ming-Tao Chou	
Study of Factors Influencing Mobile Ticketing Adoption: Status Quo Bias Perspective .....	926
..... Qun Zhao, Chun-Der Chen, Jin-Long Wang, and Kuang-Ju Wang	
Bearing Boundary Element Method Based on Geometrically Similar Roller Conditions .....	938
..... Xia Yang, Ya-Chao Li, ChuangYan, Guang-ming Liu, Jian-mei Wang, and Hai-lian Gui	
Fuzzy Control via Imperfect Premise Matching Approach for Discrete Takagi-Sugeno Fuzzy Systems with Multiplicative Noises .....	949
..... Wen-Jer Chang, Che-Pin Kuo, and Cheung-Chieh Ku	
Mechanical Strength and Durability of Alkali-Activated Fly Ash/Slag Concrete .....	958
..... Maochieh Chi	
Application of an Extension Neural Network Method for Fault Diagnosis of Three-Level Inverters Used in Marine Vessels .....	968
..... Kuei-Hsiang Chao and Yu-Ren Shen	
Mechanical Behaviors of Piled-Raft Foundation and Diaphragm Wall in Deep Excavation of Taipei Metropolitan .....	980
..... Der-Guey Lin, Wen-Tsung Liu, and Jui-Ching Chou	
Analysis of Wave Interaction with Double Vertical Slotted Walls Using MBEM .....	992
..... Ching-Yun Yueh, Chih-Hao Su, Chun-Chiang Wen, and Shih-Hsuan Chuang	
Robust Mixed $H_2/Passivity$ Performance Controller Design for Uncertain Drum-Boiler System .....	1003
..... Cheung-Chieh Ku	
Ultra-Large Grain Pure Copper Microstructure under Low Cycle Fatigue .....	1011
..... Hsing-Lu Huang, Shih-Wei Mao, Tz-Li Hu, Dershin Gan, and New-Jin Ho	
A Risk Assessment Model for Buildings of Reinforced Concrete Containing High Concentrations of Chloride Ions .....	1016
..... Tsai-Lung Weng	

### Section B: Oceanography, Marine Biology, Fishery Science, and Marine Ecology

Changes in Sublethal Effects and Lead Accumulation in <i>Acanthopagrus Latus</i> Under Various Lead Concentrations and Salinities .....	1026
..... Wen-Ching Tsui, Jiann-Chu Chen, and Sha-Yen Cheng	
Dune Restoration Experiments During a Typhoon Season on Taiwan's Si-Cao Coast .....	1032
..... Xiao-Ling Tong and Tsung-Yi Lin	
Underwater Navigation and Calibration of JIAOLONG Manned Submersible in the Southwest Indian Ridge Hydrothermal Vents .....	1041
..... Xiang Gao, Hong-jun Yu, Kang Ding, Yu Zhang, Sheng-ya Zhao, and Tong-wei Zhang	