

CONTENTS

Papers

Design Optimal Control of Ship Maneuver Patterns for Collision Avoidance: A Review	111
..... Chia-Hung Shih, Po-Hsuan Huang, Saburo Yamamura, and Chen-Yuan Chen	
The Improvement of Heat Insulation for Roof Steel Plates by TRIZ Application	122
..... Ruey-Sen Chiu and Shao-Tsai Cheng	
Corrosion Related Property Improvement for Cement Mortar Applied to Marine Environment	133
..... Pei-Ying Chung, Hsien Hua Lee, and Meng-Syun Yu	
A Comparative Study on the Forecast of Fresh Food Sales Using Logistic Regression, Moving Average and	
BPNN Methods	142
..... Wan-I Lee, Cheng-Wu Chen, Kung-Hsing Chen, Tsung-Hao Chen, and Chia-Chi Liu	
Effect of Different Types of Shelters on Survival and Growth of Giant Freshwater Prawn, <i>Macrobrachium</i>	
<i>rosenbergii</i>	153
..... Shivananda Murthy, H., Kumarswamy, R., Palaksha, K. J., Sujatha, H. R., and Shankar, R.	
Fabrication of Composite Wick Structure Heat Spreader	158
..... Sheng-Hong Tsai, Yu-Tang Chen, and Shung-Wen Kang	
Numerical Study of Thermophoresis on Aerosol Particle Deposition from Hiemenz Flow through Porous	
Medium onto a Stretching Surface	162
..... Jian-Sheng Huang, Ruey-Yih Tsai, and Kuei-Hsun Huang	
Applying Input-Output Model to Investigate the Inter-Industrial Linkage of Transportation Industry in Taiwan	
..... Rong-Her Chiu and Yu-Chang Lin	173
Thermal Impacts of a Coal Power Plant on the Plankton in an Open Coastal Water Environment	
..... Keun-Hyung Choi, Young-Ok Kim, Joon-Baek Lee, Soon-Young Wang, Man-Woo Lee,	
..... Pyung-Gang Lee, Dong-Sik Ahn, Jae-Sang Hong, and Ho-Young Soh	187
Constructing the Comprehensive Subsurface Structure of Lanyang Plain	195
..... Chih-Hao Hsu, Sao-Jeng Chao, Shuh-Gi Chern, and Howard Hwang	
Slamming Induced Dynamic Response of a Floating Structure	200
..... Mohammad Ali Lotfollahi-Yaghin, Mehdi Rastgar, and Hamid Ahmadi	
Additions to the Taiwan Marine Eel Fauna with First Records of Three Rare Moray Eels (Anguilliformes:	
Muraenidae)	210
..... Kar-Hoe Loh, Kwang-Tsao Shao, and Hong-Ming Chen	
Modeling Pricing and Scheduling Strategies for Air Cargo Carriers as Non-Cooperative Games	216
..... Oliver Feng-Yeu Shyr and Yuan-Lu Lee	
Effects of Circulating Fluidized Bed Combustion Fly Ash on the Properties of Alkali-Activated Slag Cement	
Mortars	223
..... Hui-Mi Hsu	
Double-Power Double-Heterostructure Light-Emitting Diodes in Microalgae, <i>Spirulina platensis</i> and	
<i>Nannochloropsis oculata</i> , Cultures	233
..... Yean-Chang Chen and Meng-Chou Lee	
Possibility Estimation of Generating Internal Waves in the Northwest Pacific Ocean Using the Fuzzy Logic	
Technique	257
..... Jia-Xun Li, Ren Zhang, Bao-Gang Jin, and Hui-Zan Wang	