

CONTENTS

- Numerical Simulation on the Influence of Bridge Construction on River Flood Control in a Bottleneck Reach** 451
Jianqiao Han, Honglei Wang, Han Luo & Wenzhong Duan
- Development of Hydro-Meteorological Hazard Early Warning System in Indonesia** 461
Armi Susandi, Mamad Tamamadin, Alvin Pratama, Irvan Faisal, Aristyo R. Wijaya, Angga F. Pratama, Olgha P. Pandini & Destika Agustina Widiawan
- Solar Radiation Forecast Using Cloud Velocity for Photovoltaic Systems** 479
Calvin Kong Leng Sing, Tan Lit Ken, Lai Kok Yee, Jane Oktavia Kamadinata, Nor Azwadi bin Che Sidik, Yutaka Asako & Lee Kee Quen
- An Adaptive Skin Detection Approach of Face Images with Unequal Luminance, Color Excursion, and Background Interference** 493
Wei Li, Jian Luo & Yanmei Li
- Settlement Evaluation of a Concrete Face Rock-Fill Dam (CFRD) Using a Back-Analysis Method Based on Measurement Results (A Case Study of Siah-Bisheh Dam)** 516
Mohammad Ali Abedian, Farhang Farrokhi & Reza Rasouli
- Multi-AGV Path Planning for Indoor Factory by Using Prioritized Planning and Improved Ant Algorithm** 534
Yi Zhang, Fuli Wang, Fukang Fu & Zuqiang Su
- Effect of Nutrient Inputs on Water Quality Change and Phytoplankton Growth in Atsumi Bay** 548
Teuku Mahlil, Takanobu Inoue, Yoshitaka Matsumoto, Shinichi Aoki, Shigeru Kato, Kuriko Yokota, Ernawaty Rasul & Makoto Saga
- Advancement in the Analysis of Seepage through Cracked Soils** 566
Sugeng Krisnanto & Harianto Rahardjo
- The Effect of Nanocrystalline Cellulose (NCC) Filler on Polylactic Acid (PLA) Nanocomposite Properties** 578
Daniel I. Simangunsong, Try H. A. Hutapea, Hyung Woo Lee, Jung Oh Ahn & Johnner P. Sitompul

ISSN: 2337-5779



9 1 7 7 2 3 3 7 1 5 7 7 0 0 5

Other Journal published by ITB Journal Publisher:

Journal of Mathematical and Fundamental Sciences, Journal of ICT Research and Applications, Journal of Visual Art and Design

Journal of Engineering and Technological Sciences



ITB Journal Publisher



Indexed by

