

# International Journal of Computer Theory and Engineering

## CONTENTS

---

---

### Volume 5, Number 6, December 2013

Multi Objective Genetic Approach for Solving Vehicle Routing Problem.....	846
<i>Padmabati Chand and J. R. Mohanty</i>	
Application of Pattern Recognition Techniques to Predict Severe Thunderstorms.....	850
<i>Himadri Chakrabarty, C. A. Murthy, and Ashish Das Gupta</i>	
Customer Segmentation Using Clustering and Data Mining Techniques.....	856
<i>Kishana R. Kashwan and C. M. Velu</i>	
Adaptive Modulation and Coding for Utility Enhancement in VMIMO WSN Using Game Theory.....	862
<i>R. Valli and P. Dananjayan</i>	
Confidence in Online Degree Programs.....	867
<i>Tayeb Basta</i>	
An Improved Group-EDF: A Real-Time Disk Scheduling Algorithm.....	873
<i>S. Y. Amdani and M. S. Ali</i>	
Determining Guava Freshness by Flicking Signal Recognition Using HMM Acoustic Models.....	877
<i>Rong Phoophuangpairoj</i>	
Structural Summary Tree with Complete Path Representation for Intelligent Query of Social-Web Documents.....	885
<i>Hsu-Kuang Chang and King-Chu Hung</i>	
Memetic Algorithm to Solve Graph Coloring Problem.....	890
<i>Hasin Al Rabat Chowdhury, Tasneem Farhat, and Mozammel H. A. Khan</i>	
The Tendency for Using Accounting Information Systems in Lebanese Firms.....	895
<i>Al-Khoury Pierre, Ghazzawi Khalil, Kotob Marwan, Ghanem Nivine, and Atwi Tarek</i>	
Fuzzy PID Control Compensation System for Speed of VVVF Induction Motor Drive.....	900
<i>Opas Ruksaboon and Chaiyapon Thongchaisuratkrul</i>	
Forecasting Model Based on LSSVM and ABC for Natural Resource Commodity.....	906
<i>Yuhanis Yusof, Siti Sakira Kamaruddin, Husniza Husni, Ku Ruhana Ku-Mahamud, and Zuriani Mustaffa</i>	
High Power and Low Phase Noise MMIC VCO Using 0.35m GaN-on-Si HEMT.....	910
<i>Hsuan-ling Kao, Bo-Wen Wang, Chih-Sheng Yeh, Cheng-Lin Cho, Bai-Hong Wei, and Hsien-Chin Chiu</i>	
Quad-Core MPSoC Architecture for PID-Based Embedded Control Systems.....	914
<i>Hassan A. Youness, Mahmoud Khaled, and Mohamed Moness</i>	
Secure Remote Data Processing in Cloud Computing.....	920

*Mohd Rizuan Baharon, Qi Shi, David Llewellyn-Jones, and Madjid Merabti*

Finite Element Modeling of Copper Wire Bonding on a Stacked-Die in Semiconductor Devices.....924

*Xin Kai Tam, Pooria Pasbakhsh, N. Q. Guo, Norhazlina Ismail, and Kheng Lim Goh*