

International Journal of Information and Electronics Engineering

CONTENTS

Volume 2, Number 5, September 2012

Incremental Convex Hull as an Orientation to Solving the Shortest Path Problem.....	652
<i>Phan Thanh An and Tran Van Hoai</i>	
Enhanced Patricia Tree with Reordering and Fast Incremental and Decremental Update Functions.....	656
<i>Shin-ichi Ishida, Koji Ikehara, and Hiroaki Nishi</i>	
Interaction Model for Emotive Video Production.....	661
<i>Hiroko Mitarai and Atsuo Yoshitaka</i>	
Generalized Backstepping Method Based Control Chen Chaotic System Using Adaptive Neuro-fuzzy Inference System	667
<i>A. R. Sahab and M. Taleb Ziabari</i>	
Effective Hash-based Filtering Architecture for High-throughput Regular-Expression Matching.....	672
<i>Hayato Yamaki, Yasutsugu Nagatomi, and Hiroaki Nishi</i>	
Performance Comparison between Round Robin and Proportional Fair Scheduling Methods for LTE.....	678
<i>Mohammad T. Kawser, Hasib M. A. B. Farid, Abduhu R. Hasin, Adil M. J. Sadik, and Ibrahim K. Razu</i>	
Occupational Stress Level among Information Technology Professionals in Iran.....	682
<i>Alireza Bolhari, Ali Rezaeian, Jafar Bolhari, and Sona Bairamzadeh</i>	
Method for Classification of Images in the Medical Field: The Nose case.....	686
<i>Mehdi Louizi and Mohamed Mohsen Gammoudi</i>	
Presenting Reusable Service Models in Model-Driven Service Engineering.....	691
<i>Selo Sulistyo</i>	
Efficient and Semantic OLAP Aggregation Queries in a Peer to Peer Network.....	697
<i>Yang Kehua and Agnes Manirakiza</i>	
Research Issues in Wireless Sensor Network Applications: A Survey.....	702
<i>Edwin Prem Kumar Gilbert, Baskaran Kaliaperumal, and Elijah Blessing Rajsingh</i>	
Limiting HARQ Retransmissions in Downlink for Poor Radio Link in LTE.....	707
<i>Mohammad T. Kawser, Nafiz Imtiaz Bin Hamid, Md. Nayeemul Hasan, M. Shah Alam, and M. Musfiqur Rahman</i>	
Reliability Modeling of Context Aware Wireless Sensor Network.....	710
<i>Latha Venkatesan, Chandrasekaran Subramaniam, and Shanmugavel S.</i>	
Maputo Bay Wireless Network Cost Analysis.....	716
<i>Henriques M. Marcelino and Hua-Shen Zeng</i>	

Business Model Framework for Knowledge Intensive Organizations.....	720
<i>Nastaran Hajiheydari, Reyhaneh Dehghan Dehnavi, and Leili Habibi</i>	
A Success Model for Business Process Management Implementation.....	725
<i>Zeinab Dabaghkashani, Nastsran Hajiheydari, and Manijeh Haghhighinasab</i>	
An Empirical and Architectural Study of Using an SSD-Aware Hybrid Storage System to Improve the Performance of the Data Intensive Applications.....	730
<i>A. Aldahlawi, E. El-Araby, S. Suboh, and T. El-Ghazawi</i>	
Detection of a Specific Musical Instrument Note Playing in Polyphonic Mixtures by Extreme Learning Machine and Particle Swarm Optimization.....	741
<i>Pat Taweewat</i>	
Energy Optimization through Position Responsive Routing Protocol (PRRP) in Wireless Sensor Network....	749
<i>Noor Zaman and Azween B. Abdullah</i>	
Voltage Control of PEMFC Using A New Controller based on Reinforcement Learning.....	752
<i>M. Karimi, M. Imanzadeh, P. Farhadi and N. Ghadimi</i>	
Downlink SNR to CQI Mapping for Different Multiple Antenna Techniques in LTE	757
<i>Mohammad T. Kawser, Nafiz Imtiaz Bin Hamid, Md. Nayeemul Hasan, M. Shah Alam, and M. Musfiqur Rahman</i>	
Determining the integrated marketing communication tools for different stages of customer relationship in digital era.....	761
<i>Amir Ekhlassi, Vahid Maghsoodi, and Shiva Mehrmanesh</i>	
Design Considerations for Optimizing Real-Time Control and Communication for the Kiira Electric Vehicle.....	766
<i>Gerald Baguma, Sandy Stevens Tickodri-Togboa, Paul Isaac Musasizi, Nancy Senabulya, and Pauline Korukundo</i>	
Daily Discharge Forecasting using Support Vector Machine.....	769
<i>Mahdi Moharrampour, Abdulhamid Mehrabi and Mahya Katouzi</i>	
Robust Control of Inverted Pendulum Using Fuzzy Sliding Mode Control and Genetic Algorithm.....	773
<i>Mohamad Reza Dastranj, Mahbubeh Moghaddas, Younes GHezi, and Modjtaba Rouhani</i>	
Surveying Learners' Attitudes Toward a Saudi e-Learning System.....	777
<i>J. Zouhair</i>	
Genetic-Based Approach for Efficient RFID Reader Antenna Positioning.....	780
<i>Nazish Irfan, Mustapha C. E. Yagoub, and Khelifa Hettak</i>	
Determination of the Initialization Number of Clusters in K-Means Clustering Application Using Co-occurrence Statistics Techniques for Multispectral Satellite Imagery.....	785
<i>Kitti Koonsanit, Chuleerat Jaruskulchai, and Apisit Eiumnoh</i>	
A Novel Multi-Client Authentication Method Using Infection of Bacteria	790
<i>Rezvan Dastanian, Arash Karimi, and Hadi Shahriar Shahhoseini</i>	
An Improved Visual Cryptography Scheme Using Scrambling Pixels in Color Images.....	795
<i>Rezvan Dastanian and Hadi Shahriar Shahhoseini</i>	

Optimal Control with Fuzzy State Space Modeling Using Riccati Equation.....	800
<i>Venkata Ramu G., Padmanabhan K., and Ananthi S.</i>	
Applying Data Analytics to Development of the Web-based Information Security Career Systems.....	806
<i>Ming Wang, Hong Liu, and Drew Hwang</i>	
On the Feasibility of Key Compromise Impersonation Attacks against the Elliptic Curve version of the MTI/C0 Key Agreement Protocol.....	810
<i>Maurizio Adriano Strangio</i>	
Research Outline on Reconfigurable Manufacturing System Production Scheduling Employing Fuzzy Logic.....	815
<i>Taravatsadat Nehzati, Napsiah Ismail, Faieza Abdul Aziz, and Seyed Ali Hosseini</i>	
Implementation Issues for Developing Credit Card Software for Mobile Phones.....	817
<i>Sukhwant Kaur, Mritunjay Ojha, and Anand Pardeshi</i>	
Implementation of Multiplayer Bluetooth Memory Game for Mobile Phones.....	821
<i>Sukhwant Kaur, Mritunjay Ojha, and Anand Pardeshi</i>	
Design and Simulation of Miniaturized Multiband Fractal Antennas for Microwave Applications.....	825
<i>S. Suganthi, D. Kumar, and S. Raghavan</i>	
Secure Session Key Generation Technique for Group Communication.....	831
<i>Anurag Singh Tomar, Jaidhar C. D., and S. Tapaswi</i>	
The Best Performance Practices in Project Management of SAP ERP Accomplishment.....	835
<i>Durga Prasad Sharma, Arvind Kumar Sharma, and Narpat Singh Shekhawat</i>	
Secure Multilevel Cryptography Using Graceful codes.....	840
<i>Usha Devi G. and R. S. D. Wahida Banu</i>	

