

International Journal of Computer and Communication Engineering

CONTENTS

Volume 3, Number 3, May 2014

Supporting Authorization Reasoning Based on Role and Resource Hierarchies in an Ontology-Enriched XACML Model.....	155
<i>Ha Duc Son Van, Tuan Anh Dang, and Tran Khanh Dang</i>	
Using TAM to Study the User Acceptance of IT in the Yemeni Public Sector.....	160
<i>Esmat Abdulmajid Wahdain, Mohammad Nazir Ahmad, and Nor Hidayati Zakaria</i>	
Camera-Captured Writing System Recognition of Logosyllabic Han Character.....	166
<i>Maria Christina Aragon, Melissa Juanillo, and Rosmina Joy Cabauatan</i>	
Development of College Completion Model Based on K-means Clustering Algorithm.....	172
<i>Allen M. Paz, Bobby D. Gerardo, and Bartolome T. Tanguilig III</i>	
A Comparative Study on RTN Deconvolution of Richardson-Lucy and Proposed Partitioned Means for Analyzing SRAM Fail-Bit Prediction Accuracy.....	178
<i>Worawit Somha and Hiroyuki Yamauchi</i>	
Detection of Intra-Sentential Code-Switching Points Using Word Bigram and Unigram Frequency Count....	184
<i>Arianna Clarisse R. Bacatan, Bryan Loren D. Castillo, Marjorie Janelle T. Majan, Verlia F. Palermo, and Ria A. Sagum</i>	
Pest Detection and Extraction Using Image Processing Techniques.....	189
<i>Johnny L. Miranda, Bobby D. Gerardo, and Bartolome T. Tanguilig III</i>	
Parallel GPU Implementation of η_T Pairing over Fields of Characteristic Two.....	193
<i>M. Ishii, A. Inomata, and K. Fujikawa</i>	
The Application of Genetic Algorithm in Motion Detection for Data Storage Optimization.....	199
<i>John Carlo M. Butil, Ma Lei Frances Magsisi, John Hart Pua, Prince Kevin Se, and Ria Sagum</i>	
Generating Licensure Examination Performance Models Using PART and JRip Classifiers: A Data Mining Application in Education.....	203
<i>Ivy M. Tarun, Bobby D. Gerardo, and Bartolome T. Tanguilig III</i>	
Correlation of Different Parameters for Canopy Performance.....	208
<i>S. M. Jahangir Alam, M. Rabiul Alam, and Guoqing Hu</i>	
Adaptive Pointing Theory (APT) Artificial Neural Network.....	212
<i>Kamal R. Al-Rawi and Consuelo Gonzalo</i>	
A Web-Based Multiple Regressor for Data Analysis Using <i>R</i>	216
<i>Chien Ho Wu</i>	

An Improved Data Mining Mechanism Based on PCA-GA for Agricultural Crops Characterization.....	221
<i>Geraldin B. Dela Cruz, Bobby D. Gerardo, and Bartolome T. Tanguilig III</i>	
Analytical Model of Multihop IEEE 802.15.4 with Unslotted CA/CSMA.....	226
<i>Ola Hussein, Nayera M. Sadek, Said Elnoubi, and Mohamed R. M. Rizk</i>	