International Journal of Computer and Communication Engineering

CONTENTS

Volume 2, Number 1, January 2013
Performance Boost-Up by Using an Efficient Network Management Schemes in Wireless Sensor Network
Imran Khan Memon and Muhammad Khalid Khan
Reducing Overall Delay in Multi-Radio WOBAN
Routing in the Front-End of WOBAN with Reduced Processing in the Intermediate Nodes
An Innovative Control Architecture for Autonomous Mobile Robots by Displacement of Computing Operations to Operator Stations
Improving the Performance of the IEEE 802.11 Distributed Coordination Function
Reliable Routing Scheme for VANETs in City Environment
Research of an Improved Apriori Algorithm in Data Mining Association Rules
Implementation of Multi-Way Partitioning Algorithm
Adoption of SMS and Web Based System to Measure Usability and Effectiveness of Text Alert System as Broadcast Communication for Managing and Disseminating Information
Proposal of Tasks and Techniques for a Requirements Conceptualization
Using AHP for Prioritizing the XP User Stories from the Developers and Customers Perspectives
A Community Cloud Platform Model Supporting Cross-Domain Business Collaboration
FCM Image Segmentation Algorithm Based on Color Space and Spatial Information
Particle Swarm Optimization and Its Hybrids

M. Fikret Ercan and Xiang Li

Diagnosis of Coronary Artery Disease Using Artificial Bee Colony and K-Nearest Neighbor Algorithms	56
İsmail Babaoğlu, Mustafa Servet Kıran, Erkan Ülker, and Mesut Gündüz	
B-Spline Curve Approximation Using Pareto Envelope-Based Selection Algorithm – PESA	60
The Research for the Factors Affecting on the Success of the Students by Using Apriori and Decision Tree Algorithms	64
U. Ekim, G. Tezel, and H. Kodaz	
A Pre-Processing Approach Based on Artificial Bee Colony for Classification by Support Vector Machine	68
Ahmet Babalık, İsmail Babaoğlu, and Ahmet Özkış	
Formal Modeling of Product-Line Variant Requirements	71
Requirements Engineering Process Model for Informal Structural Domains	75
Increasing the Accuracy of Analogy Based Software Development Effort Estimation Using Neural	
Networks	78
Privacy Preferences for Geo-Calendar Based SMS Using Intelligent Text Configurator	82