

International Journal of Computer Theory and Engineering

IJCTE

Table of Contents

Volume 1 Number 1, April 2009

A Novel Genetic Algorithm for Static Task Scheduling in Distributed Systems.....	1
<i>Amir Masoud Rahmani, Mojtaba Rezvani</i>	
Speckle Noise Reduction in Ultrasound Images by Wavelet Thresholding Based on Weighted Variance.....	7
<i>S. Sudha, G. R. Suresh, and R. Sukanesh</i>	
Efficient Job Scheduling in Grid Computing with Modified Artificial Fish Swarm Algorithm.....	13
<i>Saeed Farzi</i>	
A Sensor Network Data Aggregation Technique.....	19
<i>Mohamed Watfa, William Dahir and Hisham Al Azar</i>	
Compounded Uniqueness Level: Geo-Location Indexing Using Address Parser.....	27
<i>M. Shoaib Jameel and Tejbanta Singh Chingtham</i>	
An Object-Oriented Approach to UML Scenarios Engineering and Code Generation.....	35
<i>A. Jakimi and M. El Koutbi</i>	
Some Observations on Semantic Web Service Processes, Tools and Applications....	42
<i>Kuldeep Kumar and Sandeep Kumar</i>	
QoS Based Power Aware Routing in MANETs.....	47
<i>Vinay Rishiwal, S. Verma, and S. K. Bajpai</i>	
Atmospheric Temperature Prediction using Support Vector Machines.....	55
<i>Y. Radhika and M. Shashi</i>	
Probability Analysis of channel collision between IEEE 802.15.4 and IEEE 802.11b using Qualnet Simulation for various Topologies.....	59

G. M .Tamilselvan, A. Shanmugam

Location Updating Strategies in Moving Object Databases.....65
H. M. Abdul-Kader

Dynamic and Auto Responsive Solution for Distributed Denial-of-Service
Attacks Detection in ISP Network.....71
B. B. Gupta, R. C. Joshi, and Manoj Misra

Velocity Control of DC Motor Based Intelligent methods and Optimal
Integral State Feedback Controller.....81
M. B. B. Sharifian, R. Rahnavard and H. Delavari

Parallel form of the Pipelined Lifting-based VLSI Architectures for
Two-dimensional Discrete Wavelet Transform.....85
Ibrahim Saeed Koko and Herman Agustiawan

Modeling of Fluid Industry Based on Flexible Neural Tree.....97
QU Shou-ning, LIU Zhao-lian, CUI Guang-qiang, and FU Ai-fang