International Journal of Modeling and Optimization

CONTENTS

Volume 2, Number 4, August 2012
Modeling Suspicious Email Detection Using Enhanced Feature Selection
Comparative and Quantitative Study of Fundamental Approaches on Digital Aerial Image Deblurring378 <i>Z. Mao Ye and H. Mohamadian</i>
Quantitative Analysis of Feature Detection Using Adaptive Canny Edge Detector and Enhanced Ant Colony Optimization
A Feature-based Approach to Segmentation of Online Persian Cursive Script
Reducing Chaotic Oscillations in Potential Transformers
Damping Nonlinear Oscillations in Potential Transformers Including Hysteresis Effect
Performance Evaluation of Different Line Detection Algorithms
Behavioral Queueing: An Agent Based Modeling Approach
A New Agent-Based Modeling Approach to Simulate Intersection Traffic
Simulating Business Processes – A Review of Tools and Techniques
Packet Switched Networks for Communications within Large Multi-Core Systems on Chip
Airhockey on An Interactive Table Top Surface
Modeling Passenger-Flow in Real-Time Bus Tracking System
Modeling of Corrosion Degradation for PCCP for Condition Monitoring Simulation Using Equivalent Circuit and Artificial Neural Networks (A Simulation Study in GMRA)

Rajesh Singla and Arun Khosla Applications
Maritime Surveillance Scenario Simulator
ANFIS based 48-Pulse STATCOM Controller for Enhancement of Power System Stability
Study and Simulation of the SVC and STATCOM Effect on Voltage Collapse and Critical Fault Clearing Time
Champa Nandi, Sumita Deb, Minakshi Deb Barma, and A.K. Chakraborty
Performance Evaluation for Routing Protocols of MANET in Different Mobility Speed Models
Facilitation of Spatial Database Model for Disaster Management
Off-line Signature Verification based on Angular Features
Platform-Based Extensible Hardware-Software Video Streaming Module for a Smart Camera System482 Jai Gopal Pandey, Shashwat Purushottam, Abhijit Karmakar, and Chandra Shekhar
Intrusion Detection System Using New Ensemble Boosting Approach
A New Adaptive Ensemble Boosting Classifier for Concept Drifting Stream Data
Simulation Modeling of Manufacturing System in Relation to Route Flexibility Degree, Open Rate of Operations and Production Type
Comparison of Wavelet Based Decomposition Techniques for the Analysis of Masses and Calcification in Mammogram Detection
Identification of Nonlinear Systems in Presence of Outliers Using Robust Norm and Differential Evolution
Estimation of Switching Angles by Using PSO of Three Phase Voltage Source Inverter
Real-time Modeling and Simulation for Cochlear Implantation; Visualization and Force Rendering during Virtual Prosthetic Insertions
A Multiagent Based System for Resource Allocation and Scheduling of Distributed Projects

Seema U. Purohit, Venkatesh Mahadevan, and Anjali N. Kulkarni
ECA Rule Learning for Resource Management in Grid Computing: Fuzzy Approach
Introduction of a Robust Fault Detection Filter Model Based on Continuous Kalman Filter for a Real Drum Boiler System
Ladan Khoshnevisan, Hamid Reza Momeni, and Ali Ashraf-Modarres
A New Low Power Single Bit Full Adder Design with 14 Transistors using Novel 3 Transistors XOR
Gate
Novel Model of Circuit Breaker for 275kv Substation
Game Theoretic Inventive Mechanism for Shielding Collaborative Wireless Network
Security Visualization Collaborative Security Framework for Service Oriented Architecture
WordNet Based Term Selection for Pseudo Relevance Feedback Query Expansion Model