International Journal of

Intelligent Systems and Applications



IJISA Vol.4
Http://www.mecs-press.org



International Journal of Intelligent Systems and Applications (IJISA)

ISSN Print: 2074-904X, ISSN Online: 2074-9058

Volume 4, Number 5, May 2012

Contents

REGULAR PAPERS	
Neural Network based Modeling and Simulation of Transformer Inrush Current	1
Puneet Kumar Singh,D K Chaturvedi	
An Analysis of the Effect of Communication for Multi-agent Planning in a Grid World Domain	8
Satyendra Singh Chouhan, Rajdeep Niyogi	
Analysis and Design of Tri-Gate MOSFET with High Dielectrics Gate	16
Viranjay M. Srivastava,Setu P. Singh	
Swarm-Optimization-Based Affective Product Design Illustrated by a Mobile Phone Case-Study	23
Koffka Khan, Ashok Sahai	
Time – Delay Simulated Artificial Neural Network Models for Predicting Shelf Life of Processed Cheese	30
Sumit Goyal,Gyanendra Kumar Goyal	
Skin Diseases Expert System using Dempster-Shafer Theory	38
Andino Maseleno, Md. Mahmud Hasan	
Radiation Damage Effects in Heterostructure Light Emitting Diodes (HLEDs) under Proton Irradiation Fields	45
Ahmed Nabih Zaki Rashed	
Real Time Multiple Hand Gesture Recognition System for Human Computer Interaction	56
Siddharth S. Rautaray, Anupam Agrawal	