

ISSN Print: 2074-904X, ISSN Online: 2074-9058  
Volume 5, Number 8, July 2013

International Journal of

# Intelligent Systems and Applications

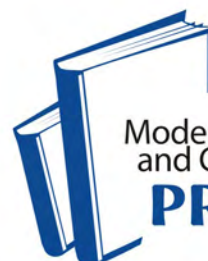
**Vol.5**

No.8 July 2013

**IJISA** **Vol.5**

[Http:// www.mecs-press.org](http://www.mecs-press.org)

Vol. 5 No.8 July 2013



Modern Education  
and Computer Science

**PRESS**

## Contents

---

### REGULAR PAPERS

---

Artificial Intelligence SVC Based Control of Two Machine Transmission System <i>Reza Bayat, Hamed ahmadi</i>	1
The Application of Phasor Measurement Units in Transmission Line Outage Detection Using Support Vector Machine <i>A. Y. Abdelaziz, S. F. Mekhamer, M. Ezzat</i>	9
Economic Load Dispatch by Hybrid Swarm Intelligence Based Gravitational Search Algorithm <i>Hari Mohan Dubey, Manjaree Pandit, B.K. Panigrahi, Mugdha Udgir</i>	21
Managing Lexical Ambiguity in the Generation of Referring Expressions <i>Imtiaz Hussain Khan, Muhammad Haleem</i>	33
Velocity Feedback Control of a Mechatronics System <i>Ayman A. Aly</i>	40
A Hybrid Algorithm for Privacy Preserving in Data Mining <i>Sridhar Mandapati, Raveendra Babu Bhogapathi, Ratna Babu Chekka</i>	47
PSO-Based PI Controller for Shunt APF in Distribution Network of Multi Harmonic Sources <i>Wael M. Elmamlouk, Hossam E. Mostafa, Metwally A. El-Sharkawy</i>	54
LMI Fuzzy Observer Design for Cryptography in Wireless Mobile Communications <i>P.Sivakumar, N.Chitra, M.Rajaram</i>	67
The Complement of Normal Fuzzy Numbers: An Exposition <i>Mamoni Dhar, Hemanta .K. Baruah</i>	73
Robust Fuzzy PD Method with Parallel Computed Fuel Ratio Estimation Applied to Automotive Engine <i>Farzin Piltan, Fatemeh ShahryarZadeh, Mohammad Mansoorzadeh, Marzieh kamgari, Saeed Zare</i>	83

---