Contents

REGULAR PAPERS

Artificial Intelligence SVC Based Control of Two Machine Transmission System
Reza Bayat, Hamed ahmadi .................................................. 1

A. Y. Abdelaziz, S. F. Mekhamer, M. Ezzat ................................ 9

Economic Load Dispatch by Hybrid Swarm Intelligence Based Gravitational Search Algorithm
Hari Mohan Dubey, Manjaree Pandit, B.K. Panigrahi, Mugdha Udgir .......... 21

Managing Lexical Ambiguity in the Generation of Referring Expressions
Imtiaz Hussain Khan, Muhammad Haleem ................................. 33

Velocity Feedback Control of a Mechatronics System
Ayman A. Aly ........................................................................ 40

A Hybrid Algorithm for Privacy Preserving in Data Mining
Sridhar Mandapati, Raveendra Babu Bhogapathi, Ratna Babu Chekka ...... 47

PSO-Based PI Controller for Shunt APF in Distribution Network of Multi Harmonic Sources
Wael M. Elmamlouk, Hossam E. Mostafa, Metwally A. El-Sharkawy ...... 54

LMI Fuzzy Observer Design for Cryptography in Wireless Mobile Communications
P.Sivakumar, N.Chitra, M.Rajaram ............................................. 67

The Complement of Normal Fuzzy Numbers: An Exposition
Mamoni Dhar, Hemantra K. Baruah .......................................... 73

Robust Fuzzy PD Method with Parallel Computed Fuel Ratio Estimation Applied to Automotive Engine
Farzin Piltan, Fatemeh ShahryarZadeh, Mohammad Mansoorzadeh, Marzieh kamgari, Saeed Zare .......... 83