Contents:

Parallel Artificial Bee Colony(PABC) for Job Shop Scheduling Problems . 1
Sudip Kumar Sahana, Indrajit Mukherjee, Prabhat Kumar Mahanti

A Double-threshold Clustering Cooperative Spectrum Sensing Algorithm
for Cognitive Radio Sensor Networks ......................................................... 12
Wang Yun, Wu Haiqing, Zhang Hongfang, Song Jun

A Proposed OpenFlow based Load Balancing Technique for http Adaptive
Streaming ........................................................................................................... 28
Waleed M. Bahgat, M. Ghali, M.A. Mohamed

Proposal of indicator to support risk management in environments of
software development projects ......................................................................... 41
Julio Menezes Jr., Cristine Gusmão, Hermano Moura

Network flow prediction based on GA-BPNN................................................. 53
XIANG Changsheng

Feature Selection approach for Chemical Compound Classification based
on CSO and PSO ................................................................................................. 60
Ahmed Elsawy, Mahmoud Mousa, Mahmoud Sobhy

Anomaly-based Intrusion Detection Using Deep Neural Networks .......... 70
Fahimeh Farahnakian, Jukka Heikkonen

An Atomicity on Electronic Commerce Protocol Based on Signature ...... 82
Li Zhan-hu, Qi Xiao-ju
Robust and Secure Watermarking Scheme with the Aids of Plaintext Grouping and Chinese Remainder Theorem .................................................................................. 87
Wen-Lan Zhong, Ja-Ling Wu

A novel combination of chaotic maps and Hopfield neural network for Naïve video encryption ............................................................................................................. 116
Adel A. El-Zoghabi, Hany H. Hussien, Mohamed A. Hasanian

Network intrusion detection by using particle swarm optimization and neural network .................................................................................................................. 128
Xiang Changsheng