CONTENTS

Volume 4, Number 5, October 2015

• Computer Network and Communication Technology
  A Comparative Analysis of the Social Graph Model and Multiparty Access Control Model for Online Social Networks.................................................................290
    Gabriela Suntaxi-Oña and Vijay Varadharajan

Constructing Resource Constrained Multicast Trees on WDM Networks with Limited Light-Splitting.........299
    Wen-Lin Yang, Chun-Tao Yang, and Yu-Chung Huang

A Community-Based Data Dissemination Scheme in Opportunistic Networks................................................305
    Chun-Chih Lo, I-Hsun Chuang, Pey-Wen Lai, Bing-Jie Guo, and Yau-Hwang Kuo

    Sarika Yadav and Rama Shankar Yadav

An Integrated Secure Inter-mobility IPv4/IPv6 Address Translation Architecture for Corporate Networks....316
    J. Amutha and S. Albert Rabara

Role of Body Area Sensor Networks in Smart Health Care........................................................................320
    Neelanjana Basu Roy and Debasis Das

• Image Processing and Filter Design
  An Implementation and Pragmatic Analysis of the Digital Image Forgery Detection Schemes.........................324
    Hansoo Kim and Joong Lee

Dynamic Analysis of Coupled Binary Cow Patch Cellular Neural Networks.................................................328
    Min Li, Lequan Min, and Mian Wang

Accurate 3D Human Pose Recognition via Fusion of Depth and Motion Sensors...................................336
    S. B. Nam, S. U. Park, J. H. Park, M. D. Zia Uddin, and T. S. Kim

Impulsive Noise Reduction Method Based on Clipping and Adaptive Filters in AWGN Channel.................341
    Sumrin M. Kabir, Alina Mirza, and Shahzad A. Sheikh

All Optical Communication Filter Based on Photonic Crystal Structure................................................346
    Hamed Alipour-Banaei, Farhad Meh dizadeh, and Behnaz Amini

• Data Engineering Theory and Technology
  Addressing Churn Prediction Problem with Meta-Heuristic, Machine Learning, Neural Network and Data
  Mining Techniques: A Case Study of a Telecommunication Company................................................350
    Abbas Keramati and Ruholla Jafari Marandi

An Enhanced Meteorological Observation System for Water-Related Disaster Assessment........................358
Ponthip Limlahapun and Hiromichi Fukui

High Dimensional Data Mining Systems by Kernel Orthonormalized Partial Least Square Analysis.................364

Shian-Chang Huang, Nan-Yu Wang, and Tung-Kuang Wu