Contents

Image and Template Security for Palmprint .......................... 1
Munaga V. N. K. Prasad and B. Adinarayana

Extending Network Lifetime by Time-Constrained Data Aggregation in Wireless Sensor Networks ..................... 11
K. B. Ashwini and G. T. Raju

The Complex Network Analysis of Power Grid: A Case Study of the West Bengal Power Network ......................... 17
Himansu Das, Gouri Sankar Panda, Bhagaban Muduli and Pradeep Kumar Rath

Comparison and Analysis of Node Deployment for Efficient Coverage in Sensor Network ................................. 31
Ram Shringar Raw, Shailender Kumar, Sonia Mann and Sambit Bakshi

Performance Analysis of Routing Protocols for VANETs with Real Vehicular Traces ........................................ 45
Sanjoy Das, Ram Shringar Raw, Indrani Das and Rajib Sarkar

A Bluetooth-Based Autonomous Mining System ................. 57
Saikat Roy, Soumalya Sarkar and Avranil Tah

Transistor Representation of a Low-Power Reversible 32-Bit Comparator ................................................... 67
A. V. AnanthaLakshmi and G. F. Sudha

Performance Enhancement of Brillouin Distributed Temperature Sensor Using Optimized Fiber ......................... 81
P. K. Sahu and Himansu Shekhar Pradhan
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>To Study the Architectural Designs of a Proposed Comprehensive</td>
<td>91</td>
</tr>
<tr>
<td>Software Extractor for Reengineering Tool: A Literature Survey</td>
<td></td>
</tr>
<tr>
<td>Rashmi Yadav, Abhay Kothari and Ravindra Patel</td>
<td></td>
</tr>
<tr>
<td>Detection of Web-Based Attacks by Analyzing Web Server Log Files</td>
<td>101</td>
</tr>
<tr>
<td>Nanhay Singh, Achin Jain, Ram Shringar Raw and Rahul Raman</td>
<td></td>
</tr>
<tr>
<td>A Survey of Energy-Aware Routing Protocols and Mechanisms</td>
<td>111</td>
</tr>
<tr>
<td>for Mobile Ad Hoc Networks</td>
<td></td>
</tr>
<tr>
<td>Charu Gandhi and Vivek Arya</td>
<td></td>
</tr>
<tr>
<td>Lexical Ontology-Based Computational Model to Find Semantic Similarity</td>
<td>119</td>
</tr>
<tr>
<td>Jagendra Singh and Aditi Sharan</td>
<td></td>
</tr>
<tr>
<td>Energy-Efficient Cluster-Based Aggregation Protocol for Heterogeneous Wireless Sensor Networks</td>
<td>129</td>
</tr>
<tr>
<td>Prakashgoud R. Patil and Umakant P. Kulkarni</td>
<td></td>
</tr>
<tr>
<td>Digital Watermarking Based on Magic Square and Ridgelet Transform Techniques</td>
<td>143</td>
</tr>
<tr>
<td>Rama Seshagiri Rao Channapragada and Munaga V. N. K. Prasad</td>
<td></td>
</tr>
<tr>
<td>Circle of Trust: One-Hop-Trust-Based Security Paradigm for Resource-Constrained MANET</td>
<td>163</td>
</tr>
<tr>
<td>K. M. Imtiaz-Ud-Din, Touhid Bhuiyan and Shamim Ripon</td>
<td></td>
</tr>
<tr>
<td>Design of a Biometric Security System Using Support Vector Machine Classifier</td>
<td>173</td>
</tr>
<tr>
<td>J. Manikandan, V. K. Agrawal and B. Venkataramani</td>
<td></td>
</tr>
<tr>
<td>Impact of Distance Measures on the Performance of Clustering Algorithms</td>
<td>183</td>
</tr>
<tr>
<td>Vijay Kumar, Jitender Kumar Chhabra and Dinesh Kumar</td>
<td></td>
</tr>
<tr>
<td>Gender Identification Using Gait Biometrics</td>
<td>191</td>
</tr>
<tr>
<td>Richa Shukla, Reenu Shukla, Anupam Shukla and Nirupama Tiwari</td>
<td></td>
</tr>
<tr>
<td>A Survey on Business Context</td>
<td>199</td>
</tr>
<tr>
<td>Danijel Novakovic and Christian Huemer</td>
<td></td>
</tr>
</tbody>
</table>
Enhanced Caching for Geocast Routing in Vehicular Ad Hoc Network ........................................ 213 Omprakash Kaiwartya and Sushil Kumar

Cooperation Enforcement and Collaboration Inducement in Mobile Ad Hoc Networks ................................. 221 Ghyani Umesh Kumar Maurya and Sushil Kumar

Uncoupling of Mobile Cloud Computing Services: An Architectural Perspective ........................................ 233 Sohini De and Suddhasil De

Non-subsampled Contourlet Transform-Based Image Denoising in Ultrasound Images Using Elliptical Directional Windows and Block-Based Noise Estimation ........................................ 241 J. Jai Jaganath Babu and Gnanou Florence Sudha

Marathi Parts-of-Speech Tagger Using Supervised Learning ........... 251 Jyoti Singh, Nisheeth Joshi and Iti Mathur


Genre-Based Classification of Song Using Perceptual Features ...... 267 Arijit Ghosal, Rudrasis Chakraborty, Bibhas Chandra Dhara and Sanjoy Kumar Saha

Novel Distributed Dual Beamforming for Randomly Distributed Sensor by Phase Tracking Using Bilateral Probability Function .......... 277 G. Vaikundam and G. F. Sudha

Electrical Network Modeling of Amino Acid String and Its Application in Cancer Cell Prediction ....................... 293 T. Roy, S. Das and S. Barman

Generation of AES-like 8-bit Random S-Box and Comparative Study on Randomness of Corresponding Ciphertexts with Other 8-bit AES S-Boxes ....................................................... 303 S. Das

BCube-IP: BCube with IP Address Hierarchy .......................... 319 A. R. Ashok Kumar, S. V. Rao and Diganta Goswami
Image Retrieval Using Fuzzy Color Histogram and Fuzzy String Matching: A Correlation-Based Scheme to Reduce the Semantic Gap ........................................... 327
Nidhi Goel and Priti Sehgal

Anil Kumar Sagar and D. K. Lobiyal

Evaluation of English-to-Urdu Machine Translation ............. 351
Vaishali Gupta, Nisheeth Joshi and Iti Mathur

A Novel Edge Detection Technique for Multi-Focus Images Using Image Fusion ........................................... 359
Priya Ranjan Muduli and Umesh Chandra Pati

Event Detection Refinement Using External Tags for Flickr Collections .................................................. 369
Sheba Selvam, B. Ramadoss and S. R. Balasundaram

Proposed Threshold Based Certificate Revocation in Mobile Ad Hoc Networks ........................................... 377
Priti Swapnil Rathi and Parikshit N. Mahalle

“Bin SDR”: Effective Algorithm for Wireless Sensor–Actor Network ........................................... 389
M. E. Sanap and Rachana A. Satao

An Elliptic-Curve-Based Hierarchical Cluster Key Management in Wireless Sensor Network ........................................... 397
Srikanta Kumar Sahoo and Manmanth Narayan Sahoo

Probabilistic Approach-Based Congestion-Aware Swarm-Inspired Load-Balancing Multipath Data Routing in MANETs .......... 409
Subhankar Joardar, Debasis Giri and Vandana Bhattacherjee

Integration of Eco-Friendly POF-Based Splitter and Optical Filter for Low-Cost WDM Network Solutions ............. 423
Archana Rathore

Sensor Cloud: The Scalable Architecture for Future Generation Computing ........................................... 433
Subasish Mohapatra, Banshidhar Majhi and Srikanta Patnaik
Partial Fingerprint Matching Using Minutiae Subset .......................... 445
S. Asha and C. Chellappan

Genetic Algorithm-Based Approach for Adequate Test Data Generation .................................................. 453
Swagatika Swain and D. P. Mohapatra

ISA: An Intelligent Search Algorithm for Peer-to-Peer Networks . . 463
Mahdi Ghorbani, Mohammad Jooyan and Mostafa Safarpour

Modified Graph-Cut Algorithm with Adaptive Shape Prior .............. 473
Adonu Celestine and J. Dinesh Peter

Analysis on Optimization of Energy Consumption in Mobile Ad Hoc Networks .................................................. 481
A. Karmel and C. Jayakumar

Accuracy of Atomic Transaction Scenario for Heterogeneous Distributed Column-Oriented Databases ....................... 491
Ramesh Dharavath, Amit Kumar Jain, Chiranjeev Kumar and Vikas Kumar

Implantable CPW-fed Double-Crossed-Type Triangular Slot Antenna for ISM Band ............................................. 503
S. Ashok Kumar and T. Shanmuganantham

Training a Feed-Forward Neural Network Using Artificial Bee Colony with Back-Propagation Algorithm ..................... 511
Partha Pratim Sarangi, Abhimanyu Sahu and Madhumita Panda

Prases Kumar Mohanty and Dayal R. Parhi

Performance Estimation of Fuzzy Logic-Based Mobile Relay Nodes in Dense Multihop Cellular Networks ................... 531
Devendra Gurjar, Ajay Bhardwaj and Ashutosh Singh

Local Binary Pattern as a Texture Feature Descriptor in Object Tracking Algorithm ............................................. 541
Prajna Parimita Dash, Dipti Patra and Sudhansu Kumar Mishra
A Sensor-Based Technique for Speed Invariant Human Gait Classification ........................................ 549
Anup Nandy, Soumabha Bhowmick, Pavan Chakraborty and G. C. Nandi

High-Speed 100 Gbps/Channel DWDM System Design and Simulation ........................................ 557
Bijayananda Patnaik and P. K. Sahu

Performance Analysis of Contention-Based Ranging Mechanism for Idle-Mode Mobility .......................... 565
Rajesh Anbazhagan and Nakkeeran Rangaswamy

A Novel Approach to Face Detection Using Advanced Support Vector Machine ................................. 573
Swastik Mohapatra, Asutosh Kar, Satyanarayan Dash, Sidhant Mohanty and Prasant Swain

Concept Based Clustering of Documents with Missing Semantic Information ....................................... 579
E. Anupriya and N. Ch. S. N. Iyengar

Theoretical Validation of New Class Cohesion Metric Against Briand Properties ................................. 591
Sandip Mal and Kumar Rajnish

RF-SEA-Based Feature Selection for Data Classification in Medical Domain ........................................ 599
S. Sasikala, S. Appavu alias Balamurugan and S. Geetha

Optimizing Delay for MAC in Randomly Distributed Wireless Sensor Networks ............................... 609
Ajay Sikandar, Sushil Kumar and Ghyani Umesh Kumar Maurya

An Ontology-Based Software Development Environment Using Upgraded Functionalities of Clojure ........................................ 619
Mary Alias and C. R. Rene Robin

Using a Cluster for Efficient Scalability Evaluation of Multithreaded and Event-Driven Web Servers .......... 627
Syed Mutahar Aaqib and Lalitsen Sharma

An Overview of Detection Techniques for Metamorphic Malware .................................................. 637
Pratiksha Natani and Deepti Vidyarthi
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temporal Forensics of MPEG Video Using Discrete Wavelet Transform and Support Vector Machine</td>
<td>645</td>
</tr>
<tr>
<td>Sunil Jaiswal and Sunita Dhavale</td>
<td></td>
</tr>
<tr>
<td>Securing the Root Through SELinux</td>
<td>653</td>
</tr>
<tr>
<td>Ananya Chatterjee and Arun Mishra</td>
<td></td>
</tr>
<tr>
<td>Automatic Ontology Extraction from Heterogeneous Documents for E-Learning Applications</td>
<td>661</td>
</tr>
<tr>
<td>J. Jeslin Shanthamalar and C. R. Rene Robin</td>
<td></td>
</tr>
<tr>
<td>An Appraisal of Service-Based Virtual Networks and Virtualization Tools Paves the Way Toward Future Internet</td>
<td>667</td>
</tr>
<tr>
<td>Bhisham Sonkar, Devendra Chaphekar and Gupteshwar Gupta</td>
<td></td>
</tr>
<tr>
<td>Comparative Analysis and Research Issues in Classification Techniques for Intrusion Detection</td>
<td>675</td>
</tr>
<tr>
<td>Himadri Chauhan, Vipin Kumar, Sumit Pundir and Emmanuel S. Pilli</td>
<td></td>
</tr>
<tr>
<td>An Apriori-Based Vertical Fragmentation Technique for Heterogeneous Distributed Database Transactions</td>
<td>687</td>
</tr>
<tr>
<td>Ramesh Dharavath, Vikas Kumar, Chiranjeev Kumar and Amit Kumar</td>
<td></td>
</tr>
<tr>
<td>A Speech Recognition Technique Using MFCC with DWT in Isolated Hindi Words</td>
<td>697</td>
</tr>
<tr>
<td>Neha Baranwal, Ganesh Jaiswal and G. C. Nandi</td>
<td></td>
</tr>
<tr>
<td>Mechanism for Preventing Registration Flooding Attack in SIP</td>
<td>705</td>
</tr>
<tr>
<td>Bosco Sebastian, Paromita Choudhury and C. D. Jaidhar</td>
<td></td>
</tr>
<tr>
<td>A Combined Approach: Proactive and Reactive Failure Handling for Efficient Job Execution in Computational Grid</td>
<td>713</td>
</tr>
<tr>
<td>P. Latchoumy and P. Sheik Abdul Khader</td>
<td></td>
</tr>
<tr>
<td>A Comparative Analysis of Keyword- and Semantic-Based Search Engines</td>
<td>727</td>
</tr>
<tr>
<td>Yogender Singh Negi and Suresh Kumar</td>
<td></td>
</tr>
<tr>
<td>Slicing MATLAB Simulink/Stateflow Models</td>
<td>737</td>
</tr>
<tr>
<td>Adepu Sridhar and D. Srinivasulu</td>
<td></td>
</tr>
<tr>
<td>Link Mining Using Strength of Frequent Pattern of Interaction</td>
<td>745</td>
</tr>
<tr>
<td>Seema Mishra and G. C. Nandi</td>
<td></td>
</tr>
</tbody>
</table>
Integration of HSV Color Histogram and LMEBP Joint Histogram for Multimedia Image Retrieval
K. Prasanthi Jasmine and P. Rajesh Kumar

753

DBC Co-occurrence Matrix for Texture Image Indexing and Retrieval
K. Prasanthi Jasmine and P. Rajesh Kumar

763

M-Band and Rotated M-Band Dual-Tree Complex Wavelet Transform for Texture Image Retrieval
K. Prasanthi Jasmine and P. Rajesh Kumar

775

A Rank-Based Hybrid Algorithm for Scheduling Data- and Computation-Intensive Jobs in Grid Environments
Mohsen Abdoli, Reza Entezari-Maleki and Ali Movaghar

785

Performance Evaluation of Video Communications Over 4G Network
Gaurav Pande

797

Online Hybrid Model for Online Fraud Prevention and Detection
Ankit Mundra and Nitin Rakesh

805

An Efficient Approach to Analyze Users’ Interest on Significant Web Access Patterns with Period Constraint
M. Thilagu and R. Nadarajan

817

Efficient Privacy Preserving Distributed Association Rule Mining Protocol Based on Random Number
Reena Kharat, Madhuri Kumbhar and Preeti Bhamre

827

Directional Local Quinary Patterns: A New Feature Descriptor for Image Indexing and Retrieval
Santosh Kumar Vipparthi and S. K. Nagar

837

Data Mining Approach for Developing Various Models Based on Types of Attack and Feature Selection as Intrusion Detection Systems (IDS)
H. S. Hota and Akhilesh Kumar Shrivas

845

Facial Expression Recognition Using Local Binary Patterns with Different Distance Measures
Sarika Jain, Sunny Bagga, Ramchand Hablani, Narendra Chaudhari and Sanjay Tanwani

853
Cluster-Based Routing for Optimal Communication in Port Logistics ........................................... 863
J. Thejo Kishan, M. M. Manohara Pai and Radhika M. Pai

Secure Adaptive Traffic Lights System for VANETs ................. 873
Kishore Biradar, Radhika M. Pai, M. M. Manohara Pai and Joseph Mouzana

Analysis of Image Segmentation Techniques on Morphological and Clustering ........................................ 885
M. Sivagami and T. Revathi

Performance Impact of TCP and UDP on the Mobility Models and Routing Protocols in MANET ...................... 895
Sunil Kumar Singh, Rajesh Duvvuru and Jyoti Prakash Singh

A Survey on Video Segmentation ........................................ 903
Dalton Meitei Thounaojam, Amit Trivedi, Kh. Manglem Singh and Sudipta Roy

A New Paradigm for Open Source Software Development ........ 913
Sushil Kumar, Ranjeet Ranjan and Amit Kumar Trivedi

A Real-Time Signature Verification Technology Using Clustering and Statistical Analysis ................................ 919
Joshane Kelsy and Rajib Sarkar

Component-Aspect Separation-Based Slicing of Aspect-Oriented Programs ........................................ 931
Jagannath Singh, Durga Prasad Mohapatra and Pabitra Mohan Khilar

Evaluation of Software Understandability Using Rough Sets .... 939
D. Srinivasulu, Adepu Sridhar and Durga Prasad Mohapatra

HCDLST: An Indexing Technique for Current and Recent-Past Sliding Window Spatio-Temporal Data .................... 947
Kuleshwar Sahu, Sangharatna J. Godbole and S. K. Jain

Solving Planar Graph Coloring Problem Using PSO with SPV Rule ................................................... 955
Vaibhav Bhardwaj and Sudhanshu Prakash Tiwari
Weather Prediction Using Error Minimization Algorithm on Feedforward Artificial Neural Network .............................................. 967
Arti R. Naik, Pathan Mohd. Shafi and Shyamsunder P. Kosbatwar

Mining Association Rules Using Adaptive Particle Swarm Optimization .................................................................................. 975
K. Indira, S. Kanmani, V. Ashwini, B. Rangalakshmi, P. Divya Mary and M. Sumithra

Study of Framework of Mobile IP and MANET Integration .............. 985
Devendra Chaphekar, Bhisham Sonkar and Gupteshwar Gupta

Delay Analysis of Various Links Using OPNET Simulator .............. 993
Pooja Singh, Chitosia Anamika, C. K. Jha and Anup Bhola

GenSeeK: A Novel Parallel Multiple Pattern Recognition Algorithm for DNA Sequences ......................................................... 1001
Kaliuday Balleda, D. Satyanvesh and P. K. Baruah

Improvement of PAPR in OFDM Systems Using SLM Technique and Digital Modulation Schemes ................................................. 1007
Srinu Pyla, K. Padma Raju and N. BalaSubrahmanyam

Radioactive Pollution Monitoring Using Triangular Deployment in Wireless Sensor Network ...................................................... 1019
Ankit Khare and Nitin Nitin

Securing Networks Using Situation-Based Firewall Policy Computations .................................................................................. 1029
Vijender Kumar Solanki, Kumar Pal Singh, M. Venkatesan and Sudhanshu Raghuwanshi

Color Image Quantization Scheme Using DBSCAN with K-Means Algorithm ................................................................. 1037
Kumar Rahul, Rohit Agrawal and Arup Kumar Pal

A Novel Approach to Text Steganography Using Font Size of Invisible Space Characters in Microsoft Word Document .......... 1047
Susmita Mahato, Dilip Kumar Yadav and Danish Ali Khan

Personalizing News Documents Using Modified Page Rank Algorithms ........................................................................ 1055
S. Akhilan and S. R. Balasundaram
Understanding Query Vulnerabilities for Various SQL Injection Techniques ............................... 1063
U. Chandrasekhar and Digvijay Singh

Effective Ontology Alignment: An Approach for Resolving the Ontology Heterogeneity Problem for Semantic Information Retrieval .......................................................... 1077
Ankita Kandpal, R. H. Goudar, Rashmi Chauhan, Shalini Garg and Kajal Joshi

Classification Technique for Improving User Access on Web Log Data ........................................... 1089
Bina Kotiyal, Ankit Kumar, Bhaskar Pant and R. H. Goudar

A Review on Methods for Query Personalization .......................... 1099
Shivangi Sharma and Prachi Gupta

A Wideband Compact Microstrip Antenna for DCS/PCS/WLAN Applications ........................................ 1107
Vinod Kumar Singh, Zakir Ali, Ashutosh Kumar Singh and Shahanaz Ayub

Analysis of Type-2 Fuzzy Systems for WSN: A Survey .................. 1115
Megha Sharma and Ashutosh Kumar Singh

Fusion of Entropy-Based Color Space Selection and Statistical Color Features for Ripeness Classification of Guavas ........................ 1125
Suchitra Khoje and S. K. Bodhe

Optimal Positioning of Base Station in Wireless Sensor Networks: A Survey ........................................ 1135
Prerna Meena, Devendra Gurjar, Ashutosh Kumar Singh and Shekhar Verma

Testing and Implementation Process in Automation of a University .................................................. 1145
Vaibhav Sharma, Jyoti Singh and A. S. Zadgaonkar

Performance of Spectral Efficiency and Blocking Probability Using Distributed Dynamic Channel Allocation ............. 1153
Y. S. V. Raman, S. Sri Gowri and B. Prabhakara Rao
An Effective Content-Based Image Retrieval Using Color, Texture and Shape Feature
Milind V. Lande, Praveen Bhanodiya and Pritesh Jain

Underwater Communication with IDMA Scheme
Tanuja Pande, Kulbhushan Gupta, M. Shukla, Prachi Tripathi and Ashutosh Singh

M-ARY PSK Modulation Technique for IDMA Scheme
Pratibha Verma, Sanjiv Mishra, M. Shukla and Ashutosh Singh

A Novel Approach for Eye Gaze and Tilt Estimation
Sambit Bakshi, Rahul Raman and Pankaj K. Sa

Enhanced Single-Pass Algorithm for Efficient Indexing Using Hashing in Map Reduce Paradigm
Piyush Kumar Sinha, Prashant Joshi, Pooja Pundir, Manisha Negi and R. H. Goudar

Data Structures for IP Lookups, A Comparative Analysis with Scalability to IPV6
Soumyadeep Ghosh, Oaindrila Das and Arindam Majumdar

Multiobjective Clustering Using Support Vector Machine: Application to Microarray Cancer Data
Anita Bai

Prediction of Warning Level in Aircraft Accidents using Classification Techniques: An Empirical Study
A. B. Arockia Christopher and S. Appavu Alias Balamurugan

Fuzzy TOPSIS Method Applied for Ranking of Teacher in Higher Education
H. S. Hota, L. K. Sharma and S. Pavani

Performance Analysis of Transformation Methods in Multi-Label Classification
P. K. A. Chitra and S. Appavu Alias Balamurugan

Predictive Data Mining Techniques for Forecasting Tamil Nadu Electricity Board (TNEB) Load Demand: An Empirical Study
T. M. Usha and S. Appavu Alias Balamurugan
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Novel Approach for Finding Patterns in Product-Based Enhancement</td>
<td>1249</td>
</tr>
<tr>
<td>Using Labeling Technique</td>
<td></td>
</tr>
<tr>
<td>Hemant Palivela, H. K. Yogish, N. Shalini and S. N. Raghavendra</td>
<td></td>
</tr>
<tr>
<td>Optimal Path and Best-Effort Delivery in Wireless Sensor Networks</td>
<td>1257</td>
</tr>
<tr>
<td>Vipin Kumar and Sushil Kumar</td>
<td></td>
</tr>
<tr>
<td>Spanning-Tree-Based Position-Based Routing in WSNs</td>
<td>1267</td>
</tr>
<tr>
<td>Vipin Kumar and Sushil Kumar</td>
<td></td>
</tr>
<tr>
<td>Feature Extraction and Classification of Microarray Cancer Data</td>
<td>1277</td>
</tr>
<tr>
<td>Using Intelligent Techniques</td>
<td></td>
</tr>
<tr>
<td>Anita Bai and Anima Pradhan</td>
<td></td>
</tr>
<tr>
<td>Survey of Route Choice Models in Transportation Networks</td>
<td>1285</td>
</tr>
<tr>
<td>Madhavi Sharma, Jitendra Kumar Gupta and Archana Lala</td>
<td></td>
</tr>
<tr>
<td>Secure Routing Technique in MANET: A Review</td>
<td>1291</td>
</tr>
<tr>
<td>Aartika Chandrakar and Rajib Sarkar</td>
<td></td>
</tr>
<tr>
<td>About the Editors</td>
<td>1309</td>
</tr>
<tr>
<td>Author Index</td>
<td>1311</td>
</tr>
</tbody>
</table>
Intelligent Computing, Networking, and Informatics
Proceedings of the International Conference on
Advanced Computing, Networking, and Informatics,
India, June 2013
Mohapatra, D.P.; Patnaik, S. (Eds.)
2014, XXV, 1314 p. 550 illus., Softcover
ISBN: 978-81-322-1664-3