

Contents

Crowd Counting Using Wireless Infrared Distance Sensors for Indoor Environments	1
Liu Yan, Liu Chao, Peng Ke Wei, and Shao Tao	
Target Detection in Infrared Images Using Block-Based Approach	9
S. Rajkumar and P.V.S.S.R. Chandra Mouli	
Participatory and Collaborative Design in the Creation of Applications for Societal Development	17
Bimlesh Wadhwa, Clarence Cai, and Colin Tan	
Cloud Service Brokers: Addressing the New Cloud Phenomenon	29
Bimlesh Wadhwa, Aditi Jaitly, Nidhi Hasija, and Bharti Suri	
Hybrid Intelligent System for Lung Cancer Type Identification	41
Yenatfanta Shifferaw and Kumudha Raimond	
Auditing Mechanism to Verify the Integrity of Remote Data in Cloud	51
V. Nirmala, R. Shanmugalakshmi, and M. Kiruthika	
An Efficient and Secure Location Update Protocol Using Fractal-Based Public Keys in Mobile IP Networks	61
Senthilkumar Mathi and M.L. Valarmathi	
A Novel-Based Multi-agent Brokering Approach for Job Scheduling in a Cloud Environment	71
G. Nithya, R. Engels, H. Rahul Das, and G. Jayapratha	
A Comprehensive Survey on Data-Intensive Computing and MapReduce Paradigm in Cloud Computing Environments	85
Girish Neelakanta Iyer and Salaja Silas	
Efficiently Scheduling Hadoop Cluster in Cloud Environment	95
D. Raghuram, N. Gayathri, and G. Sudha Sadasivam	

FTMXT: Fault-Tolerant Immediate Mode Heuristics in Computational Grid	103
Sanjaya Kumar Panda, Pabitra Mohan Khilar, and Durga Prasad Mohapatra	
Assurance System in Traditional Body Area Network for Medical Diligence	115
Ankit Agarwal, Burla Rajesh, and K. Aanandha Saravanan	
Ensemble Classifier for Concept Drift Data Stream	127
S. Senthamilarasu and M. Hemalatha	
Automatic Adaptation of Frames Using NSEW Affine Translation	139
D. Raveena Judie Dolly, G. Josemin Bala, and J. Dinesh Peter	
Tracking of Unique Colored Objects: A Simple, Fast Visual Object Detection and Tracking Technique	149
Emmanuel Joy and J. Dinesh Peter	
Iteration-Free Fractal Image Compression Using Pearson's Correlation Coefficient-Based Classification	157
M.L. Valarmathi, M. Sobia, and R. Babyla Devi	
A Resilient Digital Watermarking Exploiting Spatial and Frequency Domain Against Image Hackers	167
R. Kalpanasonika and S. Akila Agnes	
Index	173

Informatics and Communication Technologies for
Societal Development

Proceedings of ICICTS 2014

Rajsingh, E.B.; Bhojan, A.; Peter, D. (Eds.)

2015, IX, 176 p. 66 illus., 34 illus. in color., Hardcover

ISBN: 978-81-322-1915-6