

Contents

Customization of Recommendation System Using Collaborative Filtering Algorithm on Cloud Using Mahout	1
<i>Thangavel Senthil Kumar, Swati Pandey</i>	
A Result Verification Scheme for MapReduce Having Untrusted Participants	11
<i>Gaurav Pareek, Chetanya Goyal, Mukesh Nayal</i>	
Quantifying Direct Trust for Private Information Sharing in an Online Social Network	21
<i>Agrima Srivastava, K.P. Krishnakumar, G. Geethakumari</i>	
A Heuristic for Link Prediction in Online Social Network	31
<i>Ajeet Pal Singh Panwar, Rajdeep Niyogi</i>	
P-Skip Graph: An Efficient Data Structure for Peer-to-Peer Network	43
<i>Amrinderpreet Singh, Shalini Batra</i>	
Localization in Wireless Sensor Networks with Ranging Error	55
<i>Puneet Gour, Anil Sarje</i>	
Dynamic Job Scheduling Using Ant Colony Optimization for Mobile Cloud Computing	71
<i>Rathnakar Achary, V. Vityanathan, Pethur Raj, S. Nagarajan</i>	
Enhancing the Security of Dynamic Source Routing Protocol Using Energy Aware and Distributed Trust Mechanism in MANETs	83
<i>Deepika Kukreja, Sanjay Kumar Dhurandher, B.V.R. Reddy</i>	

Dir-DREAM: Geographical Routing Protocol for FSO MANET	95
<i>Savitri Devi, Anil Sarje</i>	
Extending Lifetime of Wireless Sensor Network Using Cellular Automata	107
<i>Manisha Sunil Bhende, Sanjeev Wagh</i>	
Computer Network Optimization Using Topology Modification	117
<i>Archana B. Khedkar, Vinayak L. Patil</i>	
Mobile Sensor Localization Under Wormhole Attacks: An Analysis	129
<i>Gaurav Pareek, Ratna Kumari, Aitha Nagaraju</i>	
Hash Based Incremental Optimistic Concurrency Control Algorithm in Distributed Databases	139
<i>Dharavath Ramesh, Harshit Gupta, Kuljeet Singh, Chiranjeev Kumar</i>	
Evaluating Travel Websites Using WebQual: A Group Decision Support Approach	151
<i>Oshin Anand, Abhineet Mittal, Kanta Moolchandani, Munezasultana M. Kagzi, Arpan Kumar Kar</i>	
Location-Based Mutual and Mobile Information Navigation System: Lemmings	161
<i>Simon Fong, Renfei Luo, Suash Deb, Sabu M. Thampi</i>	
Neural Network Based Early Warning System for an Emerging Blackout in Smart Grid Power Networks	173
<i>Sudha Gupta, Faruk Kazi, Sushama Wagh, Ruta Kambli</i>	
Hybrid Genetic Fuzzy Rule Based Inference Engine to Detect Intrusion in Networks	185
<i>Kriti Chadha, Sushma Jain</i>	
Enhancement of Data Level Security In MongoDB	199
<i>Shiju Sathyadevan, Nandini Muraleedharan, Sreeranga P. Rajan</i>	
SemCrawl: Framework for Crawling Ontology Annotated Web Documents for Intelligent Information Retrieval	213
<i>Vandana Dhingra, Komal Kumar Bhatia</i>	
OWLSGO: An Owl-S Based Framework for E-Government Services	225
<i>Hind Lamharhar, Laila Benhlma, Dalila Chiadmi</i>	