# Table of Contents

1. **Event Coreference Resolution Based On Heterogeneous Information Network**
   - By Tao Sun, 1 page

2. **Cloud based VoIP Application in Aircraft Data Networks**
   - By Amrutha, R. Thandeeswaran and Jeyanthi N, 11 pages

3. **Incorporating Energy-Aware Mechanism into Workflow Scheduling Policy in Heterogeneous Distributed Systems**
   - By Hong He and Peng Xiao, 19 pages

4. **A Survey on Data Aggregation and Clustering Schemes in Underwater Sensor Networks**
   - By Rakesh Kumar and Navdeep Singh, 29 pages

5. **Securing MapReduce Result Integrity via Verification-based Integrity Assurance Framework**
   - By Yongzhi Wang, Jinpeng Wei and Yucong Duan, 53 pages

6. **Excessive Convergence and M&A Integration of Chinese Regional Cloud Computing Industry**
   - By Jing Hu and Lili Zhang, 71 pages

7. **Analysis of Memory Ballooning Technique for Dynamic Memory Management of Virtual Machines (VMs)**
   - By A B M Moniruzzaman, 81 pages
RUNES II: A Distributed Rule Engine Based on Rete Network in Cloud Computing

Rui Zhou, Guowei Wang, Jinghan Wang and Jing Li

Advanced Mobile Terminal for Heterogeneous Wireless Networks

Tomislav Shuminoski and Toni Janevski

Research on Construction of Enterprise Informatization based on Model of Multi-agent RigidFormation

Li Sun, Ying Liu, Qiang Qu, Lilin Ma, Guang Yang and Hu Cao

Quality Based Solution for Adaptable and Scalable Access Control in Cloud Computing

A. Varalakshmi Harika, Haleema P. K., R. Jaya subalakshmi, N. Ch. S. N. Iyengar

A Location Context Awareness Personalized Mobile Service Prediction Model and it’s Algorithm: Design and Implementation

Minjun Xin, Liyuan Zhou, Han Cao and Zhihua Niu

Evaluation of Airport Capacity through Agent Based Simulation

Yang Peng, Gao Wei, Sun Junqing and Sun Bin

Optimization Model of Reliable Data Storage in Cloud Environment Using Genetic Algorithm

Feng Liu, Haitao Wu, Xiaochun Lu and Xiyang Liu
Comprehensive Research and Application of Cloud Computing in Enterprises 191

Tao Feng and Yun Cheng

Research on Optimal Scheduling of the Cloud Computing Resource based on the Genetic Algorithm in Distributed Computing Environment 201

Baoli Yuan, Bin Geng and Hongmei Sun

Semantic Discovery of Cloud Service Catalog Published Over Resource Description Framework 211

Magesh Vasudevan, Haleema P. K. and N. Ch. S. N. Iyengar

Resource Scheduling Simulation Design of Firefly Algorithm Based on Chaos Optimization in Cloud Computing 221

Yue Miao

A Survey on Clustering based Meteorological Data Mining 229

Wei Tian, Yuhui Zheng, Runzhi Yang, Sai Ji and Jin Wang

Intrusion Detection System for Mobile Ad hoc Networks Based on the Behavior of Nodes 241

S. Mamatha and A. Damodaram

QTBiCGSTAB Algorithm for Large Linear Systemand Parallelized 257

Xiaomei Xu, Jilin Zhang, Jian Wan, Li Zhou and Ming Jiang

Research of Manufacturing Resource Sharing System Based on P2P 275

Yunxia Jiang, Shuqi Wang, Minli Zheng and Dongnan Sun