Journal of Software

ISSN 1796-217X

Volume 7, Number 7, July 2012

Contents

Special Issue: New Trends in Innovations in Information Technology - Selected Best Papers of the 7th International Conference on Innovations in Information Technology (Innovations'11)

Guest Editors: M. Adel Serhani and A. Benharref

Guest Editorial 1427
M. Adel Serhani and A. Benharref

SPECIAL ISSUE PAPERS

Towards an Approach for Weaving Preferences into Web Services Operation 1429
Zakaria Maamar, Quan Z. Sheng, Yacine Atif, Sujith Samuel Mathew, and Khouloud Boukadi

Simulation-based Feature Selection for Software Requirements Baseline 1440
Rabeb Mizouni and Sanja Lazarova-Molnar

MidWire: Middleware for Web Information Reuse 1451
Nader Mohamed and Jameela Al-Jaroodi

Temporal Logic To Query Semantic Graphs Using The Model Checking Method 1462
Mahdi Gueffaz, Sylvain Rampacek, and Christophe Nicolle

Providing and Evaluating the Mobile Web Service Distribution Mechanisms Using Fuzzy Logic 1473
Feda AlShahwan, Francois Carrez, and Klaus Moessner

Probabilistic Attack Scenarios to Evaluate Policies over Communication Protocols 1488
Samir Ouchani, Yosr Jarraya, Otmane Ait Mohamed, and Mourad Debbabi

Supervision and Control Tool for Collaborative Virtual L@boratory 1496
Djamila Mechta, Saad Harous, Mahieddine Djoudi, and Amel Douar

Session-Based Selection of Servers with Different Classes of Users 1505
Mohamed Vall O. Mohamed Salem

Scheduling Reputation Maintenance in Agent-based Communities Using Game Theory 1514
Mohamed Amine M'hamdi and Jamal Bentahar

REGULAR PAPERS

An Improved Dynamic Password based Group Key Agreement against Dictionary Attack 1524
Wei Yuan, Liang Hu, Hongtu Li, Jianfeng Chu, and Yuyu Sun

Multi-Layer Kernel Learning Method Faced on Roller Bearing Fault Diagnosis 1531
Guangbin Wang, Yilin He, and Kuanfang He

A Method of Line Matching Based on Feature Points 1539
Yanxia Wang, Yan Ma, and Qixin Chen

Multi-attribute Group Decision-making Method Based on Triangular Intuitionistic Fuzzy Number and 2-Tuple Linguistic Information 1546
Xiaoyun Yue, GuoKun Xia, and Yanpo Li

Study the Model of Information Resource Classified Register and Discovery based on Hierarchy in Grid 1554
Mingyong Li, Yan Ma, and Yuanyuan Liang

Research on Pareto Improvement of Two-Stage Supply Chain Based on Return and Penalty Policy 1562
Wenqing Sun

Empirical Study on Senior Managers and Performances in Companies of High-Tech based on SPSS Software Regression Analysis 1569
Liu Ye, Yanbo Zhang, Feng Liang, and Wang Duo

Human Action Recognition algorithm based on Minimum Spanning Tree of CPA Models 1577
Yi Ouyang and Jianguo Xing

Rotor Crack Fault Diagnosis based on Base and Multi-sensor Adaptive Weighted Information Fusion 1585
Jigang Wu, Xuejun Li, and Kuanfang He

Research on Real-Time Software Development Approach 1593
Wei Qiu and Li-Chen Zhang

Assessing Serviceability and Reliability to Affect Customer Satisfaction of Internet Banking 1601
Zhengwei Ma

Research on Verification Tool for Software Requirements 1609
Tao He and Liping Li

Efficient Sports Websites Evaluation System Based on ASP Technology 1617
Yunzhi Peng

Visualization System of Massive 2D Seismic Data 1625
Wenqin Li and Daqing Wang

Research on Component Retrieval Methods 1633
Yan-pei Liu, Yuesheng Gu, and Chen Jun

Efficient Intrusion Detection Based on Multiple Neural Network Classifiers with Improved Genetic Algorithm 1641
Yuesheng Gu, Yongchang Shi, and Jianping Wang

Research on Privacy Preserving on K-anonymity 1649
Yun Pan, Xiao-ling Zhu, and Ting-gui Chen

A Distributed Localization Algorithm for Wireless Sensor Network Based on the Two-Hop Connection Relationship 1657
Yingqiang Ding, Gangtao Han, and Xiaomin Mu

Embracing Composite Metrics in Software Experiments 1664
Mohamed El-Attar, Ravi Inder Singh, and James Miller

Framework and CORBA Implementation of A New Industrialized PL-ISEE Database Platform 1677
Jianli Dong