Journal of Software

ISSN 1796-217X

Volume 9, Number 11, November 2014

Contents

REGULAR PAPERS

An Approach for Identifying Detecting Objects of Null Dereference
Yukun Dong

A Defense Model of Reactive Worms Based on Dynamic Time
Haokun Tang, Shitong Zhu, Jun Huang, and Hong Liu

An Improved Algorithm of Quantum Particle Swarm Optimization
Yan-xia Jin, Jing Xue, and Zhi-bin Shi

Haptic Data Compression Based on a Linear Prediction Model and Quadratic Curve Reconstruction
Fenghua Guo, Caiming Zhang, and Yan He

Business Intelligence Fusion Based on Multi-agent and Complex Network
Mingliang Chen and Sainan Liu

A Graph Based Approach to Trace Models Composition
Youness Laghouaouta, Adil Anwarb, Mahmoud Nassara, and Bernard Coulettec

Automatic Indexing for Research Papers Using References
Wei Liu

P4P Network Communication Components Based on Half-Sync/Half-Async and Pipe/Filter Patterns
Cheng Wang and Zhicong Liang

Algorithms for Minimal Dependency Set and Membership Based on XML Functional Dependency and Multi-valued Dependency
Zhongping Zhang and Chunzhen Fang

Subject Perception Semantic Model for Information Retrieval in Tourism
Lingling Zi, Xin Cong, and Yaping Zhang

Factor Analysis Method for Text-independent Speaker Identification
Tingting Liu and Shengxiao Guan

An Automatic Software Requirement Analysis Approach Based on Intelligent Planning Technology
Hong He and Dongbo Liu

Research on Automated Software Test Case Generation
Daisen Wei, Longye Tang, Xueqing Li, and Ling Shang

A Study of Dependency Features for Chinese Sentiment Classification
Pu Zhang, Zhongshi He, and Lina Tao

A Construction Model of Ancient Architecture Protection Domain Ontology Based on Software Engineering and CLT
Zhenbo Bi, Huiqin Wang, and Ying Lu
Socio-Technical Dependencies in Forked OSS Projects: Evidence from the BSD Family
M.M. Mahbubul Syeed and Imed Hammouda

Optimal Selection System of Internal Fixation Methods for Femoral Neck Fracture
Monan Wan

Using Game Theory to Analyze Strategic Choices of Service Providers and Service Requesters
Yi Sun, Zhiqiu Huang, and Changbo Ke

Brain Tumor Segmentation Based on Structuring Element Map Modification and Marker-controlled Watershed Transform
Xiaopeng Wang, Shengyang Wan, and Tao Lei

A Cloud Computing-based Television Program Opinion Monitoring and Analysis System
Dingguo Yu, Huxiong Li, and Zhiwen Hu

A Spatial Skyline Query for a Group of Users
Mohammad Shamsul Arefin, Geng Maz, and Yasuhiko Morimoto

An Effective Method to Solve Flexible Job-shop Scheduling Based on Cloud Model
Xiaobing Liu, Xuan Jiao, Tao Ning, and Ming Huang

A Software Platform Design for Objective Video QoE Assessment
Yitong Liu, Hao Liu, Yuchen Li, Yun Shen, Jianwei Wu, and Dacheng Yang

Grid Resource Discovery Algorithm Based on Distance
Zhongping Zhang, Long He, and Chao Zhang

Single-channel Speech Separation Using Orthogonal Matching Pursuit
Haiyan Guo, Xiaoxiong Li, Lin Zhou, and Zhenyang Wu

A Partner Selection Method for Forming Innovation Alliance
Yang Yang, Wendai Lv, Guangming Hou, and Junpeng Wang