Journal of Software

ISSN 1796-217X

Volume 8, Number 9, September 2013

Contents

Special Issue: Artificial Intelligence Applications for E-services

Guest Editors: Chen-Shu Wang and Wen-Chih Chang

Guest Editorial Chen-Shu Wang and Wen-Chih Chang	2105				
SPECIAL ISSUE PAPERS					
Integration of Situated Learning and Context Awareness System for Learning Basic Chinese David Tawei Ku and Chia-Chi Chang					
Apply HIP to Handover Procedures in Hybrid Access Mode LTE Femtocells Shih-Jung Wu, Jen-Chih Lin, and Lin Hui	2114				
An Adaptive e-Service for Bridging the Cloud Services by an Optimal Selection Approach Chih-Kun Ke, Shih-Fang Chang, and Zheng-Hua Lin					
An Energy Conserving Cooperative Caching Policy for Ad Hoc Networks Yungho Leu, Hsin-Chang Lin, and Chi-Chung Lee	2127				
Student Team Creativity in Information System Development: Social Capital Perspective Hsiu-Hua Cheng	2134				
Integrating Event-Driven-Based with Grey Relational Analysis for Role Engineering Me-Yu Wu	2142				
A Study of Stock Dynamism in Asian Emerging Markets after the 2008 Economic Crisis Deng-Yiv Chiu and Agus Andria	2147				
A Game-based Learning System using the ARCS Model and Fuzzy Logic Ming-Hsiung Ying and Kai-Ting Yang					
Urban Mining Service Design: Roadmap for Recycling Industry Transformation Pin-Rui Hwang and Chun-Hwa Chang	2163				
Using Curiosity and Group-buying Navigation to Explore the Influence of Perceived hedonic Value, Attitude, and Group-buying Behavioral Intention Wen-Lung Shiau and Hsiao-Chi Wu	2169				
REGULAR PAPERS					
Automated Quality Assurance Analysis: WRF-A Case Study John Collins, Brian Farrimond, Mark Anderson, Darryl Owens, Darryl Bayliss, and David Gill	2177				
Efficient Bug Triaging Using Text Mining Mamdouh Alenezi, Kenneth Magel, and Shadi Banitaan	2185				

A Generic Framework for Automated Quality Assurance of Software Models Supporting Languages of Multiple Paradigms Darryl Owens and Mark Anderson	2191
Real-Time Feature Descriptor Matching via a Multi-Resolution Exhaustive Search Method <i>Chi-Yi Tsai, An-Hung Tsao, and Chuan-Wei Wang</i>	2197
Towards a Taxonomy of Dynamic Reconfiguration Approaches Mohammad Charaf Eddin	2202
Framework of A Hybrid Image Compression Algorithm for View-dependent Visualization Yanshan Bian, Lingda Wu, Chao Yang, and Bo Li	2208
A Structural Method for Online Sketched Symbol Recognition Wei Deng, Lingda Wu, Chao Yang, and Zhongwen Zhao	2213
A New Estimation Model for Small Organic Software Project Wan-Jiang Han, Tian-Bo Lu, Xiao-Yan Zhang, and Li-Xin Jiang	2218
Human Detection using HOG Features of Head and Shoulder Based on Depth Map Qing Tian, Bo Zhou, Wen-hua Zhao, Yun Wei, and Wei-wei Fei	2223
Harmony Search Algorithm with Chaos for Training RBFNN Jiaqi Di and Nihong Wang	2231
Human Action Recognition Using APJ3D and Random Forests Ling Gan and Fu Chen	2238
The Simulation and Application Research of an Improved SSI Algorithm Xiao-Dong Wang, Kai Zhou, Qing-Wei Ye, and Li-Gang Wu	2246
Production Planning with Postponement Strategy Based on Classification of Product Differentiations <i>Ying Lu and Peng Jing</i>	2253
Mobile-C Based Agent System for Detecting Improper Computer Usage at Computer Laboratories <i>Zhixin Tie</i>	2262
The Research on Fatigue Driving Detection Algorithm Zhui Lin, Lide Wang, Jieqiong Zhou, and Tao Wang	2272
An Extended Contract-Net Negotiation Model Based on Task Coalition Xiang Lin and Haijun Tao	2280
Station Segmentation with an Improved K-Means Algorithm for Hangzhou Public Bicycle System <i>Haitao Xu, Jing Ying, Fei Lin, and Yubo Yuan</i>	2289
Development of a Data Integration and Visualization Software for LIDC Chao Zeng, Hongli Lin, and Weisheng Wang	2297
New Algorithm for Level Set Evolution without Re-initialization and Its Application to Variational Image Segmentation Cunliang Liu, Zhenkuan Pan, and Jinming Duan	2305
An Improved Topic Detection Method for Chinese Microblog Based On Incremental Clustering Gongshen Liu, Kui Meng, and Jing Xie	2313
Maximum Lifetime Routing Based on Fuzzy Set Theory in Wireless Sensor Networks Jianhui Li, Guiping Liao, Fang Wang, and Jinwei Li	2321

Research on Image Semantic Information Mining Based On Latent Dirichlet Allocation Model Sa Yang	2329
A Novel Gray Image Encryption Algorithm Based on Modified Transcendental Equation Li Tu, Yan Wang, Ni Li, and Saiqiu Guo	2336
A Credit Risk Evaluation Index System Establishment of Petty Loans for Farmers Based on Correlation Analysis and Significant Discriminant Linpeng Hai, Baofeng Shi, and Guorong Peng	2344
Improved Data Mining Algorithms Based on an Early Warning System of College Students Lijuan Zhou, Yuyan Chen, and Shuang Li	2352
A Fast Algorithm for Facility Location Problem Wenhao Shu	2360
Successful Adoption of Software Process Improvement Models: A Cultural-Methodological Proposal Jorge R. Aguilar Cisneros and Ricardo Valerdi	2367
An Insensitivity Fuzzy C-means Clustering Algorithm Based on Penalty Factor Jiashun Chen, Dechang Pi, and Zhipeng Liu	2379
An Exponential Power Ratio Index based Algorithm for Analysis of Alcoholic EEG Signal Mingyue Yan	2385