

Journal of Computers

ISSN 1796-203X

Volume 6, Number 3, March 2011

Contents

Special Issue: E-Service and Applications

Guest Editors: Jason C. Hung and Hsing-I Wang

GUEST EDITORIAL

- Foreword of Special Issue on “E-Service and Applications” 387
Jason C. Hung and Hsing-I Wang
-

SPECIAL ISSUE PAPERS

- Measure the Performance of Reducing Digital Divide – the BSC and AHP Approach 389
Hsing-I Wang and Chien-Chih Yu
- A Study on Healthcare Support e-Service Design for Senior Citizens 397
Yuan-Chu Hwang
- An Effective Economic Management of Resources in Cloud Computing 404
Ghalem Belalem, Samah Bouamama, and Larbi Sekhri
- A Study of Travel Agencies’ Human Resources in Relation to Internet Marketing 412
Huang-Wei Su, Li-Tze Lee, Chiang Ku Fan, and Jason C. Hung
- KNN-DTW Based Missing Value Imputation for Microarray Time Series Data 418
Hui-Huang Hsu, Andy C. Yang, and Ming-Da Lu
- Insight of Value-oriented Human Relationship 426
Benjamin Penyang Liao
- Development of Semantic-CBR Framework for Virtual Enterprises in Project Management 434
Chouyin Hsu
- A Diffusion of Innovations Approach to Investigate the RFID Adoption in Taiwan Logistics Industry 441
Yu-Bing Wang, Kuan-Yu Lin, Lily Chang, and Jason C. Hung
- Incremental Mining of Across-streams Sequential Patterns in Multiple Data Streams 449
Shih-Yang Yang, Ching-Ming Chao, Po-Zung Chen, and Chu-Hao Sun
- The Effect of Online Training on Employee’s Performance 458
Shu Ching Yang and Chin Hung Lin
-

REGULAR PAPERS

- A New Intelligent Topic Extraction Model on Web 466
Ming Xie, Chanle Wu, and Yunlu Zhang
-

Web Page Classification Using Relational Learning Algorithm and Unlabeled Data <i>Yanjuan Li and Maozu Guo</i>	474
Workforce Planning of Navigation Software Project Based on Competence Analysis <i>Shangfei Xie and Zhili Sun</i>	480
Does the Valence of Online Consumer Reviews matter for Consumer Decision Making? The Moderating Role of Consumer Expertise <i>Peng Zou, Bo Yu, and Yuanyuan Hao</i>	484
On-line NNAC for a Balancing Two-Wheeled Robot Using Feedback-Error-Learning on the Neurophysiological Mechanism <i>Xiaogang Ruan and Jing Chen</i>	489
Evaluation of Influence of Motorized Wheels on Contact Force and Comfort for Electric Vehicle <i>Li-qiang Jin, Chuan-xue Song, and Qing-nian Wang</i>	497
HHT Fuzzy Wavelet Neural Network to Identify Incipient Cavitations in Cooling Pump of Engine <i>Li-hong Li, Xiang-yang Xu, Yan-fang Liu, Qian-jin Guo, and Xiao-li Li</i>	506
The Smith-PID Control of Three-Tank-System Based on Fuzzy Theory <i>Jianqiu Deng and Cui Hao</i>	514
A Self-Adaptive Differential Evolution Algorithm with Dimension Perturb Strategy <i>Wei-Ping Lee and Chang-Yu Chiang;</i>	524
Study on Partial Least-Squares Regression Model of Simulating Freezing Depth Based on Particle Swarm Optimization <i>Tianxiao Li, Qiang Fu, Fanxiang Meng, Zilong Wang, and Xiaowei Wang</i>	532
A Novel Image Methodology for Interpretation of Gold Immunochromatographic Strip <i>Yurong Li, Nianyin Zeng, and Min Du</i>	540
The Near-Optimal Preventive Maintenance Policies for a Repairable System with a Finite Life Time by Using Simulation Methods <i>Chun-Yuan Cheng</i>	548
Solving DOPF in VSWG's Integrated Power System Using Improved Evolutionary Programming <i>Gonggui Chen, Hangtian Lei, Haibing Fang, and Jian Xu</i>	556
Time-Varying Sliding Mode Adaptive Control for Rotary Drilling System <i>Lin Li, Qi-zhi Zhang, and Nurzat Rasol</i>	564
Delay-dependent Robust H_∞ Control for T-S Fuzzy Descriptor Networked Control System with Multiple State Delays <i>Baoping Ma and Qingmin Meng</i>	571
Numerical Simulation of Air Flow Properties around High Speed Train in Very Long Tunnel <i>Yanfeng Zhu, Xiangyun Liu, and Zhanlin Cui</i>	578
Hybrid Coevolution Particle Swarm Optimization for Linear Variational Inequality Problems <i>Liangdong Qu, Dengxu He, and Yong Huang</i>	586
A Novel Differential Evolution with Co-evolution Strategy <i>Wei-Ping Lee and Wan-Jou Chien</i>	594
Research on Optimization of Relief Supplies Distribution Aimed to Minimize Disaster Losses <i>Yong Gu</i>	603

Dynamic Real-time Optimization of Reservoir Production <i>Kai Zhang, Jun Yao, Liming Zhang, and Yajun Li</i>	610
Study on the Composite ABS Control of Vehicles with Four Electric Wheels <i>Chuanxue Song, Ji Wang, and Liqiang Jin</i>	618
