

International Conference on Applied Physics and Industrial Engineering 2012

Physics Procedia Volume 24

Part A

Editor:

Dehuai Yang

ISBN: 978-1-62748-740-5

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© by Elsevier B.V.
All rights reserved.

Printed by Curran Associates, Inc. (2014)

For permission requests, please contact Elsevier B.V.
at the address below.

Elsevier B.V.
Radarweg 29
Amsterdam 1043 NX
The Netherlands

Phone: +31 20 485 3911
Fax: +31 20 485 2457

<http://www.elsevierpublishingsolutions.com/contact.asp>

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

Part A

Physics Procedia 24 (2012) Message.....	1
<i>Dehuai Yang</i>	
Distribution Network Based on Heuristic Search to Achieve Fault Recovery System.....	3
<i>Jiang Hanshu, Liang Feng, Zhang Fugang</i>	
Matlab/Simulink-Based Research on Maximum Power Point Tracking of Photovoltaic Generation.....	10
<i>Lijun Qin, Xiao Lu</i>	
Analysis of Stress and Strain of the Rolling Bearing by FEA method	19
<i>Zhang Yongqi, Tan Qingchang, Zhang Kuo, Li Jiangang</i>	
Institutions Function and Failure Statistic and Analysis of Wind Turbine	25
<i>Ma yang, He Chengbing, Feng Xinxin</i>	
Identification of Power System Brittle Risk Sources Based on DC Current and Distribution Factor	31
<i>Guo-qing Li, Jian-jun Gou, Yu-liang Liu, Lei Xue</i>	
Hydropower Computation Using Visual Basic for Application Programming	37
<i>Wang Yan, Hu Hongliang</i>	
Computational Model of Greenhouse Gas Emissions of Power Station Boiler Considering Desulphurization.....	44
<i>Hu Wang, Shaohua Li, Fusheng Lai, Bin Wang</i>	
A New Power Flow Tracing Method Based on Directed Circuit	50
<i>Weimin Zhang, Xiaojing Guo, Yaonian Liu, Defu Ni, Lina Wang, Yanbing Jia</i>	
The Relationship between Electricity Consumption and Economic Growth in China	56
<i>Xiao Shengfeng, Xu Ming Sheng, Zhu Tianxing, Zhang Xuelli</i>	
Design of Power Quality Monitor Based on Embedded Industrial Computer	63
<i>Huang Junfeng, Sun Hao, Wei Xiaolin</i>	
The Numerical Simulation of Enhanced Heat Transfer Tubes.....	70
<i>Li Xiaoyan, Guo Renning, Li Chunyang</i>	
The Application of Immune Genetic Algorithm in Main Steam Temperature of PID Control of BP Network.....	80
<i>Han Li, Zhang Zhen-yu</i>	
Research on Control Strategy of Two Independent Rear Wheels Drive Electric Vehicle	87
<i>Gang Li, Wei Hong, Daming Zhang, Changfu Zong</i>	
Photovoltaic Module Simulink Model for a Stand-alone PV System	94
<i>Chen Qi, Zhu Ming</i>	
The Study of Phase-shift Super-Frequency Induction Heating Power Supply.....	101
<i>Hairun Qi, Yonglong Peng, Yabin Li</i>	
Research on Environmental Economic Dispatch of Power System Including Wind Farm	107
<i>Zhong Jia-qing</i>	
Economical Optimization for Double-stage LiBr Absorption Heat Pumps.....	114
<i>Yang Xiaojing, You Shijun, Zhang Huan</i>	
Effect of Salt Concentration on the Pattern Formation of Colloidal Suspension	122
<i>Wenjie Ma, Yuren Wang</i>	
Distributed On-line Monitoring System Based on Modem and Public Phone Net.....	127
<i>Dandan Chen, Qiushi Zhang, Guiru Li</i>	
Parameters Design of Series Resonant Inverter Circuit.....	133
<i>Xingkun Qi, Yonglong Peng, Yabin Li</i>	
A Three-phase Dual Active Bridge Bidirectional ZVS DC/DC Converter	139
<i>Zhang Xuan, Huang Shenghua, Ning Guoyun</i>	
Research on the Wind-induced Vibration Coefficient of Transmission Tower-line System	149
<i>Wei Chunming, Ma Bin, Su Tingting</i>	
Analysis of a Static Start-up Control Strategy for Pumped Storage Power Plant Unit.....	155
<i>Deshun Wang, Bo Yang, Guanjun Li, Yibin Tao, Bingyu Sang</i>	
A Method of Electric Power Equipment Integrated Modeling Based on Carrier	163
<i>Junzhou Liu, Haibin Zhang, Quanming Yue</i>	
Energy and Exergy Analysis of a Ground Water Heat Pump System	169
<i>Lei Fei, Hu Pingfang</i>	

A Spatial Load Forecasting Method Based on the Theory of Clustering Analysis.....	176
Xiao Bai, Guo Peng-wei, Mu Gang, Yan Gan-gui, Li Ping, Cheng Hong-wei, Li Jie-fu, Bai Yang	
Polymerizer Temperature Cascade Control System Based on Generalized Predictive Control.....	184
Ye Yanfei, Wang Bailin, Shao Mingheng, Zhang Yongqi	
Study on the Calculation of Magnetic Force Based on the Equivalent Magnetic Charge Method	190
Jiangang Li, Qingchang Tan, Yongqi Zhang, Kuo Zhang	
The Research of Static Var Compensator's Time Characteristics and System-level Model of Controlled Current Source	198
Chao Zhang, Qi-rong Jiang, Shou-xin Sun	
The Influence of the Distributed Generation to the Distribution Network Line Protection and Countermeasures	205
Huang Jiadong, Zhang Zeyun, Duan Xiaobo	
Study on Reactive Automatic Compensation System Design.....	211
Sun Zhe, Liang Qingyang, Luo Peiqing, Zhang Chenfei	
Study on the Contribution of CO₂ Emission Reducing of Yellow River Upstream LONGyangxia and LIUjiaxia Cascade Reservoirs	217
Zhang Zezhong, Xu Jianxin, Qi Qingqing, Huang Qiang	
Analysis of Image Rotation for Aerial Remote Sensor with Off-Axis three-Reflective Optical System	225
Yu Chun-feng, Ding Ya-lin, Hui Shou-wen, Zhang Jing-guo, Leng xue	
A Nonlinearity-Retaining State Estimation for Three-Phase Distribution System	233
Sun Guo-qiang, Wei Zhi-nong, Lu Zi-gang, Ye Fang	
Extension Data Mining Knowledge Representation	240
Xie Guangqiang, Li Yang	
Collision Detection Based on Bounding Box for NC Machining Simulation	247
Yao Wang, Yan-juan Hu, Jiu-chen Fan, Yu-feng Zhang, Qi-jiu Zhang	
Simulation for Grid Connected Wind Turbines with Fluctuating.....	253
Ying Ye, Yang Fu, Shurong Wei	
Research and Development of Region Power Grid Wind Hazard Precaution System	261
Xiong Jun, Lin Han, Wang Qinghua, He Junjia	
Particle Swarm Optimization Method Based on Chaotic Local Search and Roulette Wheel Mechanism	269
Xiaohua Xia	
Impacts of P-f & Q-V Droop Control on MicroGrids Transient Stability.....	276
Xiao Zhao-xia, Fang Hong-wei	
Influence of Model of Circuit-breaker on Very Fast Transient Over-voltage	283
Wang Na, Liang Yu	
Sulfidation of a Novel Iron Sorbent Supported on Lignite Chars during Hot Coal Gas Desulfurization	290
Fengkui Yin, Jianglong Yu, Sushil Gupta, Shaoyan Wang, Dongmei Wang, Li Yang, Arash Tahmasebi	
Dynamic Simulation on the Installation Process of HGIS in Transformer Substation.....	297
Tao Lin, Shaohua Li, Hu Wang, Deyong Che, Guangcai Qi, Jianfeng Yao, Qingzhe Zhang	
A Design of Focal-plane Compensation of Aviation Imaging Equipment Based on MS5534C	303
Zheng Lina, Leng Xue, Zhou Jiafei, He Yong, Fu Jinbao	
The Program Analysis on 750/330kV Electric-magnetic Loop Network.....	308
Yang Xinhua, Shi Zhaojie, Zhi Yong	
Study on Relationship of Energy Consumption and Economic Growth in China	313
Li Zhang-wei, Zheng Xun-gang	
Research on a novel Rotor Structure Switched Reluctance Motor	320
Lingquan Zeng, Haiwei Yu	
An Analysis on the Low-carbon Benefits of Smart Grid of China.....	328
Fu Liwen, Zhao Huiru, Guo Sen	
Harmonic Measuring Approach Based on Quantum Neural Network	337
Yueling Li, Xinghua Wu	
The Selection Algorithm for Connection Modes of Medium Voltage Power Distribution Network Based on FAHP-GRA.....	345
Wu Han, Lin Han, Chen Bin, Wu Han, Wen Bu ying	
Preparation and Evaluation of Novel High Temperature Resistance Water Shutoff Agent	354
Jun Wang, Cuiqin Li, Wei Wang, Yang Ye	
Research on Simulation Inspection Detector.....	362
Lixia Sun, Kaibao Wang, Xiangyan Lv, Shengyuan Jiang, Jianbo Jia	
Study of the Assessment Method for N Excretion in Sustainable Heavy Pigs Production	368
Kaijun Guo, Fenghua Liu, Xiaolong Xu, Jianqin Xu, Ivo Zoccarato	

Voltage Flicker Signal Denoising Based on Translation Invariance.....	375
<i>Liu Ronghui</i>	
Detecting High Frequency Weak Signal Using Parameter-Adjusted Frequency Shifting Based on Stochastic Resonance (SR)	382
<i>Lizhu Zhang, Fuzhong Wang, Zhang Hui</i>	
Numerical Simulation Study on Diamond-Shape Inverted Nine-Spot Well Pattern.....	390
<i>Yu Rongze, Bian Yanan, Wang Kaijun, Yang Zhengming, Zhang Xiaoliang</i>	
A New Method for Mechanical Fault Recognition of Extra-high Voltage Circuit Breaker	397
<i>Dongyan Li, Mingzhe Rong, Ting Wang, Xiaohua Wang</i>	
Analysis of Load Stress for Asphalt Pavement of Lean Concrete Base.....	404
<i>Suo Lijun, Wang Xinwu</i>	
Investigation on Cubic Chua's Circuit via Differential Geometry	412
<i>Rongrong Yu, Yong Xie</i>	
Time-frequency Analysis on Low-resistivity Shielding Layer in TEM Soundings.....	418
<i>Xianxin Shi, Kai Wu</i>	
The Research Status and Development Trend of Microbial Flocculant.....	425
<i>Jia Bao-jun, Yu Jiang-mei</i>	
Application of Response Surface Methodology to Optimize Microwave-assisted Extraction of Polysaccharide from Tremella.....	429
<i>Yuzhen Chen, Lei Zhao, Benguo Liu, Sasa Zuo</i>	
Experimental Study on Vehicle Integration of a Compound Regeneration System for Diesel Particulate Filter	434
<i>Xinyun Zi, Weifeng Zhang, Guangtao Yao, Zhengfei Xu, Jinyong He</i>	
Smart Operations in Distributed Energy Resources System	443
<i>Li Wei, Shu Jie, Zhang-Xian Yong, Zhou Qing</i>	
EIFS in China - History, Codes and Standards, Features, and Problems.....	450
<i>Xing Shi, Rui Li</i>	
The Study on Energy Efficiency in Africa	458
<i>Jinduo Wu</i>	
Modeling and Verification of Dependable Electronic Power System Architecture.....	465
<i>Ling Yuan, Ping Fan, Xiao-fang Zhang</i>	
The Coupling Study for Solar Heating System and Membrane Distillation System.....	473
<i>Suying Yan, Tao Zhang, Rui Tian, Wei WeiZhang</i>	
A Study on a Centralized Under-Voltage Load Shedding Scheme Considering the Load Characteristics	481
<i>Jiyu Deng, Junyong Liu</i>	
The Stability of Hybrid Liu Chaotic System with a Sort of Oscillating Parameters under Impulsive Control.....	490
<i>Li Ying-kui</i>	
The Study on DC Capacitor Parameter Determination in Active Power Filter	496
<i>Fu-zhuan Wu, Sheng Peng, Bin-bin Wang</i>	
Multi-Index Nonlinear Coordinated Control for Battery Energy Storage System and Generator Excitation.....	503
<i>Kong Lingyi, Liao Liying</i>	
Research on Power Benefits Assessment of SiPing Hydropower Station under the Operation of Sanliping Hydropower Station	512
<i>Tian Yu, Lei Xiaohui, Yu Qian, Sun Jialan</i>	
Specific Asset Investment in Industry and University Research	518
<i>Jing Tu, Zhonghua Yang</i>	
Application of Morphology on Detecting Edge of Smart Grid Image	524
<i>Yu-min Ge</i>	
The Design and Implement of Tourism Information System Based on GIS.....	528
<i>Fu Chunchang, Zhang Nan</i>	
Accurate TOA-Based UWB Localization System in Coal Mine Based on WSN	534
<i>Guangliang Cheng</i>	
Air-condition Control System of Weaving Workshop Based on LabVIEW	541
<i>Jian Song</i>	
Performance Analysis of ORC Power Generation System with Low-temperature Waste Heat of Aluminum Reduction Cell.....	546
<i>Zhiqi Wang, Naijun Zhou, Guo Jing</i>	

The Research on The Fusion Technology of Wireless LANs and Personal Area Networks for Emergency Secure in Coal Mine	554
<i>Li Chiyuan</i>	
The Activity Chain Safety and Liveness Specification of Composite Web Services.....	560
<i>Bo Chen, Xiaomei Huang</i>	
Multi-Index Nonlinear Coordinated Control for Battery Energy Storage System and Generator Excitation.....	566
<i>Kong Lingyi, Liao Liying</i>	
A Novel Double Hysteresis Current Control Method For Active Power Filter.....	572
<i>Wang Huasheng, Xia Hufeng</i>	
A Buffered-State Front Line Approach in Multi-tier Supplier Collaborative Project Controlling.....	580
<i>Xinghan Wang, Fanbin Kong, Xinguo Ming, Lei Wang</i>	
The ISM Analysis on Influence Factors of Cost Control in the Wind Power Construction Project.....	587
<i>Wu Yunna, Bian Qing, Lin Ping</i>	
Multi-Path Relay Selection Algorithm Based on the Broadcast TV.....	591
<i>Chaoyi Zhang, Linlin Luan, Muqing Wu</i>	
Research of Energy Substitution Strategy of China	598
<i>Lifeng Zhang, Chen kai</i>	
Rough Set Model Under a Limited Asymmetric Similarity Relation and an Approach for Incremental Updating Approximations.....	603
<i>Mingyuan Cui</i>	
A New Stopping Criterion for BICM-ID System Based on Cross-Entropy	611
<i>Xiao Ying, Yang Fei, Ding Kuangzheng, Li Jianping</i>	
An Improved Symbol Mapping on 8-ary Constellation for BICM-ID1	618
<i>Liu Na, Che Qing, Li Jianping</i>	
The Application of the Pso Based BP Network in Short-Term Load Forecasting	626
<i>Pian Zhaoyu, Li Shengzhu, Zhang Hong, Zhang Nan</i>	
Research on Influencing Factors of Salespeople's Empowerment Readiness in Green Energy Enterprise.....	633
<i>Yuan Dong, Xiaohui Liu</i>	
The Thinking of Cloud Computing in the Digital Construction of the Oil Companies	640
<i>Oizhilin CaoLei, Lei Dengsheng</i>	
Application of CAN-bus Network in Intelligent Parking	645
<i>WU Jianjun, Hu Juan</i>	
The Secondary Development Based on MapX -GIS of Tourism Design and Implementation	651
<i>Fu Chunchang</i>	
An Empirical Analysis on the Consumption Structure of Town Residents, Jiangxi Province—Based on the Extended Linear Expenditure System Model (ELES).....	660
<i>Xu Bin, Xu Renjing</i>	
An Empirical Research on the Factors Impacting the Development Scale of Chinese Higher Education.....	667
<i>Xu Bin, Xu Liang</i>	
Research on Image Fusion of Missile Team Based on Multi-agent Cooperative Blackboard Model	674
<i>Guo Sen, Li Munan</i>	
Denoising Algorithm Based on Wavelet Adaptive Threshold	678
<i>Wang Chunli, Zhang Chunlei, Zhang pengtu</i>	
Study on Computer Numerical Simulation of Driving Static Pressure Pile Original Research Article	686
<i>Ji Hong, Yu Xueyi</i>	
Research on Flow in 90° Curved Duct with Round Section Original Research Article	692
<i>Tao Sun, Yi Zhang, Zhongyi Wang</i>	
Analysis on Energy Comprehensive Utilization of Iron & Steel Industry Original Research Article	700
<i>Dong Huizhong, Yin Xiuqing</i>	
Research on Duplication Dynamics and Evolutionary Stable of Reverse Supply Chain Original Research Article	705
<i>Dong Huizhong, Song Hongli</i>	
A Discrete Modeling Approach for Buck Converter Original Research Article	710
<i>Leng Zhaoxia, Liu Qingfeng, Sun Jinkun, Wang Huamin</i>	

Volterra Series Modeling for Analog to Digital Converters	
Original Research Article	717
<i>Yang Yang, Chen Yueyang, Zhong Shun'an, Li Linyue</i>	
Volterra Kernels Measurement and the Application in Post Calibration of ADCs	
Original Research Article	724
<i>Yang Yang, Chen Yueyang, Zhong Shun'an, Ma Minshu</i>	
(2,1)-Total Labelling of Trees with 3,4 Are Not in D^Δ	
Original Research Article	731
<i>Haina Sun</i>	
Performance Analysis of Hybrid Solar-Hydrogen Energy System	
Original Research Article	735
<i>Jinsheng Xiao, Xuehua Guan</i>	
A Novel UWB Filters Design Based on Hybrid Neural Network	
Original Research Article	743
<i>Hong fu Deng</i>	
Dual Bandwidth of the Product of Two Paths	
Original Research Article	749
<i>Yao Weili, Lu Xiao xu</i>	
Research on Robustness of Tree-based P2P Streaming	
Original Research Article	756
<i>Chen Chu, Jinyao Yan, Kuangzheng Ding, Xi Wang</i>	
Optimized Hypergraph Clustering-based Network Security Log Mining	
Original Research Article	762
<i>Jianhua Che, Weimin Lin, Yong Yu, Wei Yao</i>	
Human-computer Interaction System Based on GRBF & HMM	
Original Research Article	769
<i>Wang Juan</i>	
Numerical Simulation on the Aerodynamic Effects of Blade Icing on Small Scale Straight-bladed VAWT - Original Research Article.....	774
<i>Fang Feng, Shengmao Li, Yan Li, Wenqiang Tian</i>	
Torque Characteristics Simulation on Small Scale Combined Type Vertical Axis Wind Turbine	
Original Research Article	781
<i>Fang Feng, Shengmao Li, Yan Li, Dan Xu</i>	
Design and implementation of integration of Geographical Information System and Second-generation Video Surveillance System - Original Research Article	787
<i>Wenjing Chen</i>	

Part B

Implementation for Model of Adsorptive Hydrogen Storage Using UDF in Fluent	793
<i>Feng Ye, Jinsheng Xiao, Binxiang Hu, Pierre Benard, Richard Chahine</i>	
Low Carbon Development of Hainan.....	801
<i>Feng Yi, Zhang Kun</i>	
A Flexible Electronic Commerce Recommendation System	806
<i>Songjie Gong</i>	
A Personalized Collaborative Recommendation Approach Based on Clustering of Customers.....	812
<i>Pu Wang</i>	
The Personalized Information Retrieval Model Based on User Interest.....	817
<i>Songjie Gong</i>	
The Circuit Design of Residual Voltage Test For Electric Products	822
<i>Qian Xiaoyao, Yuan Jia, Qian Jiawei, Zhu Jiang, Wang Yu</i>	
Prognostics and Health Management for Complex System Based on Fusion of Model-based Approach and Data-driven Approach	828
<i>Wang Hong-feng</i>	
Power Grid Maintenance Scheduling Intelligence Arrangement Supporting System Based on Power Flow Forecasting.....	832
<i>Chang Xie, Jing Wen, Wenyng Liu, Jiaming Wang</i>	
Virtual Reality Platform Based Simulation System of Environmental Noise Abatement Research.....	838
<i>Liu Yijun, Fang Yu, He Xiaoman, Wang Yongyou</i>	

An Research on Electrical Vehicle'S Charge-Discharge Behavior Based on Logit Model	845
<i>Wang Xiaoyin, Liu Junyong</i>	
Industry Software Trustworthiness Criterion Research Based on Business Trustworthiness	851
<i>Jin Zhang, Jun-fei Liu, Hai-xing Jiao, Yi Shen, Shu-yuan Liu</i>	
Psychological Delaying Model of Bicycle Passing Events on Physically Separated Bicycle Roadways in China	856
<i>De Zhao, Wei Wang, Zhibin Li, Xiaonian Shan, Xin Sun</i>	
A New LDPC Encoder for CMMB Based On RU Algorithm	864
<i>Zhibin Zeng, Xiangran Sun</i>	
Design and Implementation of Network Management System Based on Mixed-mode	871
<i>Xianmin Wei</i>	
Heterogeneous Database Integration Middleware Based on Web Services	877
<i>Xianmin Wei</i>	
Current Loop High Performance Compensation Control Strategy Analysis of Active Power Filter	883
<i>Qiangqian Yuan</i>	
Research on How to Enhance the Chebyshev DC/DC Filter's Performance 1	891
<i>Zhang Lixia, Gui Jianting, Chen Xing, Zhang He, Zhan Guangxing</i>	
Green Packaging Management of Logistics Enterprises	900
<i>Guirong Zhang, Zongjian Zhao</i>	
Factor Analysis of the Northeast Economic Zone's Logistics Competition	906
<i>Wei Shen, Jiaxin Wang, Tingting Li</i>	
Partial Discharge Signal Obtain Based on Adaptive Wavelet with Mathematical Morphology	912
<i>Zheng Wei, Zhou Xi-chao, X.U Hong-lei, Zhi Yong, Wang Wei-zhou</i>	
Algorithm of Reducing the Non-uniformity of Images in LED Display Panel1	918
<i>Feng Chang, Rui-guang Wang, Xi-feng Zheng, Tie-fu Ding</i>	
Research on Web-based Scientific Computing Legacy Application Sharing	926
<i>Yong Zhang, Bin-Ge Cui</i>	
Electronic Shore Power Station Based on Matrix-style Frequency Algorithm	932
<i>Li Jia-sheng, Jiang Lian-jun, Qiu Biao, Yang Wu-mei</i>	
A Novel Parameter for Ramp Metering and Evaluation	938
<i>Jian Li, Yuanhua Jia, Yong Zhang, Feng Chen, Guchang Ao</i>	
Study on Optimization Strategy for Voltage and Reactive Power Control of Wind Farm	945
<i>Q. Lu, L. Shi, N. Chen</i>	
Vehicle Monitor System for Public Transport Management Based on Embedded Technology	953
<i>Guilin Li, Deying Zhang, Jie Zeng, Shaohua Chen</i>	
Study on Safety Monitoring System for Submarine Power Cable on the Basis of AIS and Radar Technology	961
<i>Wang Jie, Fan Yao-Tian</i>	
A Data Stream Mining Algorithm Used in Power Grid Disturbance Identification	966
<i>Zhao-yan Qu, Liang Zhang, Guo-liang Ding</i>	
A Hamiltonian Model of Generator With AVR and PSS Parameters	971
<i>Jing. Qian, Yun. Zeng, Lixiang. Zhang, Tianmao. Xu</i>	
Discussion on Accuracy Degree Evaluation of Accident Velocity Reconstruction Model	979
<i>Tiefang Zou, Yingbiao Dai, Ming Cai, Jike Liu</i>	
Study on the Uneven cells Problem of the Power Battery Pack in the Automotive Application by ECM	984
<i>Wang Jiayuan, Sun Zechang, Wei Xuezhe, Dai Haifeng</i>	
A New Control Strategy of Three Phase Voltage Source PWM Rectifiers	997
<i>Jiuhe Wang, Hongren Yin, Shengsheng Xu</i>	
Design and Control Implementation of AC Electric Power Steering System Test Bench	1006
<i>Weidong Zhang, Yibo Ai</i>	
System Integration of Digital Real Estate-Management Based on Service	1012
<i>Xuexiang Li, Fulin Bian, Yongge Shi</i>	
Power System's Damping Analysis Based on RBF Neural Network	1018
<i>Bu Jing, Jiang Ning-qiang</i>	
Impact Analysis and Testing of Harmonic of Electrified Railway on Energy Metering	1024
<i>Wenpin Hu, Xiaobo Duan, Quan Li, Lei Zhang</i>	
Study on Model and Algorithm of Inventory Routing Problem	1031
<i>Fengjiao Wan</i>	
The Research of Mobile GIS Power Distribution Line Inspection Based on Mobile SVG/J2ME	1038
<i>Qiang Zhao, Fengxia Deng, Wenbin Zhang, Xuan Zeng</i>	

Study on Foundation's Stability of Theodolite	1044
<i>Feng Dong-yan, Gao Yun-guo</i>	
Effect of Traffic Information on the Stability Pedestrian Flow	1052
<i>Xiaomei Zhao, Dongfan Xie, Haizou Li</i>	
Vehicle Fault Diagnose Based on Smart Sensor	1060
<i>Li Zhining, Wang Peng, Mei Jianmin, Li Jianwei, Teng Fei</i>	
Prospects of Brand Choice Behavior Research from Cognitive Perspective	1068
<i>Xiaohui Wang, Lin Lin</i>	
Price Decisions of New Product Based on Subsidy-pricedepending and Payment-sharing.....	1073
<i>Gu Qiaolun, Gao Tiegang</i>	
Elementary Introduction to the Green Management of the Construction in Whole Process.....	1081
<i>Yun Na Wu, Hong Yu Yan, Zhi Jun Huang</i>	
Cooperative Factors, Cooperative Innovation Effect and Innovation Performance for Chinese Firms: An Empirical Study	1086
<i>Xuemei Xie</i>	
An Equivalent Model of Pattern Generator in Jitter Testing	1092
<i>Donglv Wang, Junfeng Yang, Yanfang Wang</i>	
The Control System Design of Rotary Li/MnO₂ Button Battery Product Line Based on Human-computer Interface	1100
<i>Qi Xiangyang, Lin Shuzhong, Sun Lixin</i>	
Study on Base Management Pattern of Food Producing Enterprise.....	1108
<i>Weibin Zhang</i>	
The Strategic Management of Store Brand Perceived Quality.....	1114
<i>Defeng Yang</i>	
An Extended Keyword Extraction Method	1120
<i>Bao Hong, Deng Zhen</i>	
An Improved Modeling Method Based on Colored Petri Net.....	1128
<i>Wang Chun-jian, Liu Yong-zhi, Xiao Fan</i>	
A Novel Nonlinear Precoding Detection Algorithm for VBLAST in MIMO-MC-CDMA Downlink System.....	1133
<i>Hongliang Fu, Yong Tao</i>	
A Function Analysis Model Based on Granular Computing and Practical Example in Product Data Management.....	1140
<i>Cai Chi-lan, Bai Yue-wei, Xia Yan-chun, Wang Xiao-gang, Liu Kai</i>	
Research on Intellectual Property Conflicts Identification in Knowledge Transferring among EC Enterprises	1147
<i>Shibin Su</i>	
The Influence of Consumer Goals and Marketing Activities on Product Bundling.....	1152
<i>Wang Haijun</i>	
Apply TQM to E-Government Outsourcing Management	1159
<i>Jinmei Huai</i>	
Grid-based DBSCAN Algorithm with Referential Parameters	1166
<i>Huang Darong, Wang Peng</i>	
Fast Algorithms of the Simulation Analysis of the Thermal Stresses on Concrete Dams during Construction Periods	1171
<i>Li Yangbo, Huang Dahai, Ouyang Jianshu</i>	
Fuzzy Controllers Based Multipath Routing Algorithm in MANET	1178
<i>Shangchao Pi, Baolin Sun</i>	
Application of Fuzzy C-Means Clustering Algorithm Based on Particle Swarm Optimization in Computer Forensics.....	1186
<i>Deguang Wang, Baochang Han, Ming Huang</i>	
An Emperical Analysis of the Corporate Ownership Concentration on the Operation Performance after IPOs of Chinese Listed SMEs	1192
<i>Li Jiming, Sun Xing</i>	
Research of the Remote Experiment System Based on Virtual Reality	1199
<i>Liangyu Lei, Jianjun Liu, Xiufang Yang</i>	
Research about Short- Term Production Capacity Decision-Making.....	1207
<i>Zhang bi-xi, Song jing, Yu xiu-li</i>	
Systematic Analysis on the Environment of Innovative Small and Medium Enterprises.....	1214
<i>Tao Guo, Zhuqing Shi</i>	

The Research on Collaborative Commerce of Enterprise Application Integration	1221
<i>Zhong Liu</i>	
Risk Assessment of Communication Network of Power Company Based on Rough Set Theory and Multiclass SVM.....	1226
<i>Xi He, Wei Wang, Xinyu Liu, Yong Ji</i>	
New Thoughts of Customer Value Study.....	1232
<i>Hong Sun, Zhuqing Su</i>	
Inter-firm Networks, Organizational Learning and Knowledge Updating: An Empirical Study	1238
<i>Su-rong Zhang, Wen-ping Wang</i>	
Design of Viterbi Decoder Based on FPGA	1243
<i>Xiumin Wang, Yang Zhang, Haowei Chen</i>	
Direct Feedback Linearization Based Control in Variable Air Volume Air-conditioning System	1248
<i>Zhigang Shi, Xuquan Li, Songtao Hu</i>	
Improved Bags-of-Words Algorithm for Scene Recognition	1255
<i>Liu Gang, Wang Xiaochi</i>	
Indoor Unmanned Airship System Airborne Control Module Design.....	1262
<i>Gao YongXia, Li YiBo</i>	
Study on the Simulation and Evolution Model of Unexpected Emergencies' Spreading Network.....	1269
<i>Yue-tang Bian, Jian-min He, Ya-ming Zhuang</i>	
New Method of Controlling Grinding Accuracy with Dynamic Compensatory.....	1277
<i>Huibin Xu, Jianwu Tao, Xiang Gao</i>	
Fuzzy AHP Analysis on Enterprises' Independent Innovation Capability Evaluation	1285
<i>Yu Zhu, Huai-ying Lei</i>	
Harmonic Control Based on Fuzzy Logic.....	1292
<i>Shihong Wu, Gang Dang, Jun Wang, Xiaohui Li, Zhixia Zhang, Fengli Jiang</i>	
Analysis and Research on Haier Group's Website Construction Based on Cybermarketing-orientation	1298
<i>Zhao Hong, Bao Yintao</i>	
Research on the Influence of Perceived Risk in Consumer On-line Purchasing Decision.....	1304
<i>Zhao Hong, Li Yi</i>	
The Research on Fuzzy PID Control of the Permanent Magnet Linear Synchronous Motor	1311
<i>Ying Wu, Hang Jiang, Min Zou</i>	
Performance Analysis of Web Applications Based on User Navigation.....	1319
<i>Quanshu Zhou, Hairong Ye, Zuohua Ding</i>	
The Analysis of PWR SBO Accident with RELAP5 Based on Linux.....	1329
<i>Zhimin Xia, Dafa Zhang</i>	
The Relationship Between Incentives to Learn and Maslow's Hierarchy of Needs	1335
<i>Wenling Wu</i>	
An Empirical Study on the Effect of Work/Life Commitment to Work-Life Conflict	1343
<i>Li Ma, Jie-lin Yin</i>	
An Improved License Plate Location Method Based On Edge Detection.....	1350
<i>Rongbao Chen, Yunfei Luo</i>	
Dynamic Models and Coordination Analysis of Reverse Supply Chain with Remanufacturing	1357
<i>Nina Yan</i>	
Achieving Optimal Solution of Linear Programming Based on Mobile Agent Technology	1364
<i>Guo-feng Ma, Jun-hong Yang, Ping-chuan Zhang</i>	
Incremental Particle Swarm Optimization.....	1369
<i>Xiaohua Xu, Zhoujin Pan, Yanqiu Xi, Ling Chen</i>	
The Construction of Shapley Value in Cooperative Game and its Application on Enterprise Alliance.....	1377
<i>Xu Xiaofeng, Ruan Aiqing</i>	
An Gen2 Based Security Authentication Protocol for RFID System.....	1385
<i>Xiaolu Yi, Liangmin Wang, Dongmei Mao, Yongzhao Zhan</i>	
Intelligent Quality Prediction Using Weighted Least Square Support Vector Regression.....	1392
<i>Yaojun Yu</i>	
Optimization Research of Generation Investment Based on Linear Programming Model.....	1400
<i>Juan Wu, Xueqian Ge</i>	
Application of Improved SAX Algorithm to QAR Flight Data.....	1406
<i>Yang Hui, Meng Fanxing</i>	
An Ant Colony Clustering Algorithm Improved from ATTA	1414
<i>Jinbiao Wang, Ailing Tu, Hongwei Huang</i>	
Security Policy Configuration Analysis for Web Services on Heterogeneous Platforms.....	1422
<i>Ji Hongbin, Zhao Fengyu, Xu Tao</i>	

SAR Target Feature Extraction and Recognition Based on 2D-DLPP	1431
<i>Ping Han, Jingxian Wu, Renbiao Wu</i>	
Sensitivities of Spatial-resolved Diffuse Reflectance for Biological Tissue to First-order Parameters.....	1437
<i>Xiaojuan Zhang, Ying Liu</i>	
Parameters Analysis to Pattern Null Placement Based on the Cross Entropy Method	1444
<i>Li Bian</i>	
Novel Method for Measuring Structure and Semantic Similarity of XML Documents Based on Extended Adjacency Matrix	1452
<i>Xue-Liang Zhang, Ting Yang, Bao-Quan Fan, Xu Wang, Jin-Mao Wei</i>	
A Reliable Primary-Backup Routing Algorithm in Wireless Sensor Network.....	1462
<i>Jing Weipeng, Wu Qu, Liu Yaqiu, Zhang Qianlong</i>	
The Study of Pre-sight for the Air Transportation Systems	1469
<i>Wenzhi Zhao, Zhi Guo</i>	
Theoretical and Empirical Studies of Productivity Growth in the Agricultural Economics - Cases of China and the United States	
Original Research Article	1475
<i>Lan Xu</i>	
Computational Analyses of Simple Sequence Repeats on Human Tissue Specific Genes Promoters	
Original Research Article	1482
<i>Zhao FeiFei, Gong XiuJun, Liu XinMi, Dong LiFeng</i>	
The Idea to Promote the Development of E-Government in the Civil Aviation System	
Original Research Article	1488
<i>Jiang Renliang</i>	
Network Partition of Switched Industrial Ethernet by Using Novel Particle Swarm Optimization	
Original Research Article	1493
<i>Chunguo Fei, Fang Ding, Xinlong Zhao</i>	
Distribution Free Approach for Coordination of a Supply Chain with Consumer Return	
Original Research Article	1500
<i>Jinsong Hu, Yuanji Xu</i>	
Initially Researches for the Development of SSME under the Background of IOT	
Original Research Article	1507
<i>Kun Han, Shurong Liu, Dacheng Zhang, Ying Han</i>	
Research On QAR Data Mining Method Based On Improved Association Rule	
Original Research Article	1514
<i>Qiao yongwei, Yang Hui, Dong Tingjian</i>	
Algorithm of Finding Hypo-Critical Path in Network Planning	
Original Research Article	1520
<i>Jianxun Qi, Xiuhua Zhao</i>	
One Improvement Method of Reducing Duration Directly to Solve Time-Cost Tradeoff Problem	
Original Research Article	1530
<i>Qi Jian-xun, Sun Dedong</i>	
The Study of CIQ Inspection Rate's Setting Problem Based on Gray-fuzzy Comprehensive Evaluation	
Theory - Original Research Article.....	1541
<i>Liu Hui, Liu Wen Ding</i>	
Aero-Engine Condition Monitoring Based on Support Vector Machine	
Original Research Article	1546
<i>Chunxiao Zhang, Nan Wang</i>	
Customer Decision Making in Web Services with an Integrated P6 Model	
Original Research Article	1553
<i>Zhaohao Sun, Junging Sun, Grant Meredith</i>	
A Strategic Model of Trust Management in Web Services	
Original Research Article	1560
<i>Junqing Sun, Zhaohao Sun, Yuanze Li, Shuliang Zhao</i>	
Research on Urban Road Traffic Congestion Charging Based on Sustainable Development	
Original Research Article	1567
<i>Sun Ye</i>	
Using Principal Component Analysis and Choquet Integral To Establish A Diagnostic Model of Parkinson Disease - Original Research Article	1573
<i>Xiuming Cao, Jinjie Song, Caipo Zhang</i>	

Part C

Logistics Enterprise Evaluation Model Based On Fuzzy Clustering Analysis	1583
<i>Pei-hua Fu, Hong-bo Yin</i>	
Error Protection of Wavelet Scalable Video Streaming Using Wyner-Ziv Technique Over a Lossy Network	1588
<i>Benjian Liu, Ke Xu</i>	
Research on the Priority of China's Internet Development	1595
<i>Chen Yuqing, Ding Xiaoyue, Yu Liping</i>	
Research on Air Traffic Control Automatic System Software Reliability Based on Markov Chain	1601
<i>Xinglong Wang, Weixiang Liu</i>	
Analysis of Human Gait Radar Signal Using Reassigned WVD	1607
<i>Jun Zhang</i>	
Intrusion Detection Technology Research Based on Apriori Algorithm.....	1615
<i>Li Hanguang, Ni Yu</i>	
Directed Hidden-Code Extractor for Environment-Sensitive Malwares	1621
<i>Chunfu Jia, Zhi Wang, Kai Lu, Xinhai Liu, Xin Liu</i>	
A Tentative Study on the Evaluation of Community Health Service Quality.....	1628
<i>Zhi-qiang Ma, Yong-yue Zhu</i>	
Web Services Security Problem in Service-oriented Architecture	1635
<i>Hua Yue, Xu Tao</i>	
Application of Factor Restructuring Analysis in Enterprise Safety Culture Evaluation	1642
<i>Yihong Wang, Liming Xia, Jinshuang Pan, Hengheng Zong</i>	
Discussion of Planning and Operating of Chongming Qianwei Village's Nongjiale Tourism Site.....	1649
<i>Qingqing Guo, Min Liu</i>	
Research on Comprehensive Evaluation of Knowledge Capital of Power Enterprise Based on Membership Conversion	1655
<i>Yao Ligen, Li Miaomiao</i>	
Multivariate Statistical Methods the Level of Our Comprehensive Analysis of All Regions	1663
<i>Qian Xiaoxin</i>	
LQR Self-adjusting Based Control for the Planar Double Inverted Pendulum	1669
<i>Jiao-long Zhang, Wei Zhang</i>	
Research of Hybrid Programming with C#.net and Matlab	1677
<i>Yu Zhang, Jian-Ping An, Pan Chen</i>	
A Self-Adaptive Decoding Scheme for BICM-ID Embedded Turbo Codes.....	1682
<i>Liu Shuyang, Li Jianping</i>	
Improved PCA + LDA Applies to Gastric Cancer Image Classification Process	1689
<i>Lan Gan, Wenya Lv, Xu Zhang, Xiuming Meng</i>	
WIFI and WIMAX Optimization Design of Transmission and Application	1696
<i>Peng Wang, Xian Li Wu</i>	
Natural-Landmark Scene Matching Vision Navigation Based on Dynamic Key-frame.....	1701
<i>Yaojun Li, Quan Pan, Chunhui Zhao</i>	
A Graph Summarization Algorithm Based on RFID Logistics	1707
<i>Yan Sun, Kongfa Hu, Zhipeng Lu, Li Zhao, Ling Chen</i>	
A Shell Multi-dimensional Hierarchical Cubing Approach for High-Dimensional Cube	1715
<i>Shuzhi Zou, Li Zhao, Kongfa Hu</i>	
An Algorithm for Mining Frequent Closed Itemsets in Data Stream	1722
<i>Caiyan Dai, Ling Chen</i>	
A New Method of Feature Selection for Flow Classification.....	1729
<i>Meifeng Sun, Jingtao Chen, Yun Zhang, Shangzhe Shi</i>	
The Research of the Generalized Fibonacci Sequence-based Propagation.....	1737
<i>Aihua Gu, Yingying Xu</i>	
A Rank-based Prediction Algorithm of Learning User's Intention	1742
<i>Jie Shen, Ying Gao, Cang Chen, HaiPing Gong</i>	
Multi-Level Sequential Pattern Mining Based on Prime Encoding.....	1749
<i>Sun Lianglei, Li Yun, Yin Jiang</i>	
A New Data Randomization Method to Defend Buffer Overflow Attacks	1757
<i>Yan Fen, Yuan Fuchao, Shen Xiaobing, Yin Xinchun, Mao Bing</i>	
An Network Attack Modeling Method Based on MLL-AT.....	1765
<i>Yan Fen, Yin Xinchun, Huang Hao</i>	

Construction Financing Problem of Local Government in China	1773
<i>Yan Bin, Li Quan</i>	
Research on the Application of Artificial Neural Networks in Tender Offer for Construction Projects	1781
<i>Zhang Minli, Qiao Shanshan</i>	
A Game Between Enterprise and Employees About the Tacit Knowledge Transfer and Sharing	1789
<i>Zhao Yuqin, Wang Guijun, Bao Zhenqiang, Pan Quanke</i>	
Dynamic Programming Example Analysis of a Pump Station	1796
<i>Kairong Li, Kui Zuo, Juanni Wang, Weiying Gao</i>	
Research on Dam Simulation System Based on OpenGL	1801
<i>Kairong Li, Juanni Wang, Kui Zuo, Jian Yun</i>	
Adaptive Control of Nonlinear Time-varying Delay Systems with Unknown Control Gain Signs	1807
<i>Qiuqin Zhu, Tianping Zhang</i>	
Fuzzy Comprehensive Evaluation Method Applied in the Real Estate Investment Risks Research	1815
<i>Zhang Minli, Yang Wenpo</i>	
Image De-noising and Granularity Detection Based on Morphology	1822
<i>Xuelong Hu, Min Zhang, Weiping Yang, Nan Jiang, Xiang Yin</i>	
Study on Parallel 2-DOF Rotation Mechanism in Radar	1830
<i>Ming Jiang, Xuelong Hu, Lei Liu, Yunfei Yu</i>	
A Computer Fault Inquiry System of Quick Navigation	1836
<i>Yin Guo-cheng</i>	
Random Coding for Distributed Network Based on the Vandermonde Matrix	1845
<i>Gong Maokang, Song Qi</i>	
Inquiry Learning' Implementation and Evaluation in the Teaching of Information Technology	1851
<i>Lu Xue-song, Liu Qi-hui, Chen Jie</i>	
Survey on Ontology Mapping	1857
<i>Junwu Zhu</i>	
Research on the Complex Network of the UNSPSC Ontology	1863
<i>Yingying Xu, Shengrong Zou, Aihua Gu, Li Wei, Ta Zhou</i>	
Research on Capturing of Customer Requirements Based on Innovation Theory	1868
<i>Ding junwu, Yang dongtao, Bao zhengqiang</i>	
Study on the Application of Knowledge Management in E-teaching	1881
<i>Zhou Caiying, Chen Jie, Liu Qihui</i>	
The Research and Development of an Educational Platform Based on Integrable Ware	1887
<i>Zhou Caiying, Liu An, Chen Jie, Liu Qihui</i>	
An E-learning System Based on Affective Computing	1893
<i>Sun Duo, Lu Xue Song</i>	
Personalized E- learning System Based on Intelligent Agent	1899
<i>Sun Duo, Zhou Cai Ying</i>	
Research on Production Scheduling System with Bottleneck Based on Multi-agent	1903
<i>Bao Zhengqiang, Wang Weiye, Wang Peng, Quanke Pan</i>	
An Optimized NBC Approach in Text Classification	1910
<i>Zhao Yao, Chen Zhi-Min</i>	
Controlling Discrete Time T-S Fuzzy Chaotic Systems via Adaptive Adjustment	1915
<i>Yibei Nian, Yongai Zheng</i>	
Stabilizing a Class of Chaotic Systems by Using Adaptive Feedback Control	1922
<i>Dejin Wang, Yongai Zheng</i>	
An Extension Dynamic Model Based on BDI Agent	1928
<i>Wang Yu, Zhu Feng, Geng Hua, Zhu WangJing</i>	
Collaborative Information Retrieval Framework Based on FCA	1935
<i>Cencheng Shen, Yun Li, Yan Sheng, Luan Luan</i>	
Secure Communication with Network Coding	1943
<i>Zhanghua Cao, Yuansheng Tang, Jingquan Luo</i>	
An Agent-based Distributed QoS Multicast Routing Algorithm	1951
<i>Gu Shen-jun, Chen Jie, Tian Hao-cheng, Xu Ping, Yang Yun</i>	
Block-based Kernel Semi-supervised Discriminant Projection	1959
<i>Yiming Yu, Caikou Chen</i>	
Unsupervised Discriminant Analysis Based on the Local and Non-local Mean	1967
<i>Caikou Chen, Jun Shi, Pu Huang</i>	
An Improved Ant Algorithm for Grid Task Scheduling Strategy	1974
<i>Laizhi Wei, Xiaobin Zhang, Yun Li, Yujie Li</i>	

Multi-relational Clustering Based on Relational Distance	1982
<i>Luan Luan, Yun Li, Jiang Yin, Yan Sheng</i>	
Research on an Efficient Method of License Plate Location	1990
<i>Yuren Du, Wen Shi, Caiyun Liu</i>	
Research on Reverse Logistics Location Under Uncertainty Environment Based on Grey Prediction	1996
<i>Bao Zhenqiang, Zhu Congwei, Zhao Yuqin, Pan Quanke</i>	
A Web Services Composition Design framework based on Agent Organization	2004
<i>JiaJia Li, Bin Li, Xiaowei Zhang</i>	
A Goal-driven Self-adaptive Software System Design Framework based on Agent	2010
<i>Tieshan Wang, Bin Li, Lingjun Zhao, Xiaowei Zhang</i>	
A Dynamic Interval Decision-Making Method Based on GRA	2017
<i>Tang Xue-jun, Chen Jia</i>	
Personalized Learning Network Teaching Model.....	2026
<i>Zhou Feng</i>	
The Research and Implementation of a Unified Identity Authentication in E-government Network	2032
<i>Zhou Feng</i>	
Application of Dynamic Interface Technology in Scientific Research Management System	2039
<i>Yan Bi-peng, Li Zhi-qiang</i>	
The Model of Lake Operation in Water Transfer Projects Based on the Theory of Water-Right	2043
<i>Yan Bi-peng, Liu Chao, Tang Fang-ping</i>	
A Composite PWM Control Strategy for Boost Converter.....	2053
<i>Liu Qingfeng, Leng Zhaoxia, Sun Jinkun, Wang Huamin</i>	
Innovation Research in E-Learning	2059
<i>Bing Wu, WenXia Xu, Jun Ge</i>	
Experience Effect in E-Learning Research.....	2067
<i>Bing Wu, WenXia Xu, Jun Ge</i>	
A Novel SVM-Based Edge Detection Method.....	2075
<i>Wu Peng, Chen Qichao</i>	
Design of Temperature Controller for Heating Furnace in Oil Field.....	2083
<i>Dou Zhenhai, Sun Lianyun</i>	
Application Research of GMRES Algorithm in dynamic light scattering Particles Size Distribution Inversion	2089
<i>Dou Zhenhai, Sun Lianyun</i>	
The Design of Auto-control System on Overflow Dyeing Machine	2094
<i>Shuiying Xie</i>	
Constrained Regularization Inversion of PCS Based on Interior Point Algorithm	2099
<i>Wei Peiyu, Dou Zhenhai</i>	
The Study on Business Growth Process Management Entropy Model	2105
<i>Duan Jing</i>	
The Study on Educational Technology Abilities Evaluation Method.....	2111
<i>Duan Jing</i>	
The Faults Diagnosis of Optical Fiber Fusion Based on Wavelet Analysis.....	2117
<i>Zhang Zhen, Liu San-jun</i>	
Application of Wavelet Analysis Technique in the Signal Denoising of Life Sign Detection.....	2124
<i>Zhang Zhen, LIU. Fang</i>	
Exergy Analysis of Energy Consumption for Primary Return Air Conditioning System.....	2131
<i>Xia Xiao-xia, Wang Zhi-qi, Xu Shun-sheng</i>	
Application of SVM Classifier in IR Target Recognition.....	2138
<i>Feng Wen-ge</i>	
Processing of Hydraulic Pressure Sensor Signal Based on Wavelet Analysis.....	2143
<i>Xin Shi, Xiang-mo Zhao, Fei Hui, Lan Yang</i>	
Research on Design Information Management System for Leather Goods.....	2151
<i>Lei Lu, Wen-li Peng</i>	
Four Methods for Roundness Evaluation	2159
<i>Wentao Sui, Dan Zhang</i>	
Research on Intelligent Glue-coating Robot Based on Visual Servo	2165
<i>Zhigang Yang, Yi An, Yanbin Sun, Jingchun Zhang</i>	
The Research of Petroleum Enterprise Information System Architecture Based on the G/S Model	2172
<i>Liu Rui, Guo Xirong, Miao Fang</i>	
The Application of Semantics Web in Digital Library Knowledge Management	2180
<i>Du Liangxian, Qi Junxia, Guo Pengfei</i>	

A Library Book Intelligence Classification System based on Multi-agent.....	2187
<i>Guo Pengfei, Du Liangxian, Qi Junxia</i>	
The Study on Network Examinational Database based on ASP Technology.....	2194
<i>Yanfu Zhang, Yuxiao Han, Yanshuang Zhou</i>	
The study of Genetic Algorithm by Hierarchical Coded for the MMRCPS.....	2200
<i>Xie Shi-man, Jian-wei Chen, Zhao-yan Xuan</i>	
A New Layout Method Allowing the Overlapped Configuration of Photos	2207
<i>Chen Xiaobing</i>	
Three-dimensional Virtual Simulation of Oil Spill of Yangtze River in Chongqing Area Based on Emergency Decision.....	2214
<i>Shuzhe Chen, Liwen Huang</i>	
Opinion Summarizationof Customer Comments.....	2220
<i>Miao Fan, Guoshi Wu</i>	
Least Squares Support Vector Machine Regression with Equality Constraints	2227
<i>Kun Liu, Bing-Yu Sun</i>	
Learning by Doing Approach in the Internet Environment to Improve the Teaching Efficiency of Information Technology.....	2231
<i>X.-S. Zhang, Hua Xie</i>	
Discriminant Subspace Learning for Microcalcification Clusters Detection.....	2237
<i>X.-S. Zhang, Hua Xie</i>	
A Humble Opinion on the Development Strategies for Bohai Rim Cultural Tour Industry.....	2245
<i>Zhaochuan Qi, Qianghua Li</i>	
t(G) and the Existence of Factors.....	2250
<i>YaYa Wang, Yun Gao, Xiangguang He, Wei Gao</i>	
Salary Management System for Small and Medium-sized Enterprises	2255
<i>Zhang Hao, Xu Guangli, Zhang Yuhuan, Lei Yilong</i>	
The Research of Paper Datum Mmanagement Information System	
Original Research Article	2261
<i>Ji Zhigang, Niu Gaifang, Liu Lingxi</i>	
A Research of Weapon System Storage Reliability Simulation Method Based on Fuzzy Theory	
Original Research Article	2266
<i>Yonggang Shi, Xuguang Wu, Haijian Chen, Tingxue Xu</i>	
The Design of the Digital Multiplexer based on Power Carrier Communication on Sports Venues	
Original Research Article	2273
<i>Ming-jing Lu, Li Liang, Xiao-yan Yu</i>	
Asymptotic Stablity of Global Solutions for Some Nonlinear BBM Equations	
Original Research Article	2279
<i>Yaojun Ye</i>	
A New Fuzzy Parameters Reliability Analysis Model	
Original Research Article	2286
<i>Haijun Chen, Xijuan Lou</i>	
A Novel College Network Resource Management Method Using Cloud Computing	
Original Research Article	2293
<i>Chen Lin</i>	
Control Strategy on Worms Spread in Complex Networks	
Original Research Article	2298
<i>Fang Xianmei</i>	
Algorithm Design on Network Game of Chinese Chess	
Original Research Article	2304
<i>Fang Xianmei</i>	
The Design Of Students-oriented Personal Knowledge Management System	
Original Research Article	2310
<i>Li Jing, Sun Yahui, Zheng Ning, Lv Xin</i>	
How to Continue the Beauty of Traditional Architecture of Dong Village - The Exploration of Cultural Protection - Original Research Article	2314
<i>Fan Wen, Zhu Xiaohua</i>	
Building Energy Efficiency and the Use of Raw Materials	
Original Research Article	2318
<i>Luo Yuan</i>	

On the Concept of Culture Goods Sales	
Original Research Article	2322
<i>Xiao-Rong Luo</i>	
A Novel Green Cloud Computing Framework for Improving System Efficiency	
Original Research Article	2326
<i>Chen Lin</i>	
An Exploratory Study on Application of Multimedia Technology in College English Teaching and Learning - Original Research Article	2334
<i>Aiqin Liu</i>	
The Modeling of Virtual Environment Distance Education	
Original Research Article	2339
<i>Chang Xueqin</i>	
The Building of 3G Mobile Learning System Using Ajax Technology	
Original Research Article	2347
<i>Chen Xiulan, Wang Jing</i>	
A New Web-based Application Optimization Model in Multicore Web Server	
Original Research Article	2353
<i>Guohua You, Ying Zhao</i>	
Hierarchical Video Summarization Extraction Algorithm in Compressed Domain	
Original Research Article	2360
<i>Li Xiang-wei, Zhao Li-dong, Zhao Kai</i>	
Author Index	