

2011 IEEE 3rd International Conference on Communication Software and Networks

(ICCSN 2011)

**Xi'an, China
27-29 May 2011**

Pages 1-913



**IEEE Catalog Number: CFP1169F-PRT
ISBN: 978-1-61284-485-5**

TABLE OF CONTENTS

The Research of Cognitive Communication Networks	1
<i>Wu Wei</i>	
An Ant Colony Optimization Algorithm Based on Dynamic Evaporation Rate Fitting	6
<i>Chen Hao, Liu Quan</i>	
An Efficient Equivalent Channel Model for LDPC Coded BICM-ID System	11
<i>Huiyun Jiang, Lei Xie, Huifang Chen</i>	
Resource Allocation Algorithm for Uplink OFDMA-based Cognitive Radio Systems	16
<i>Yanping Wang, Longxiang Yang, Xu Liu</i>	
A k-RSA Algorithm	21
<i>Wang Rui, Chen Ju, Duan Guangwen</i>	
Efficient Algorithm for Extreme Maximal Biclique Mining in Cognitive Frequency Decision Making	25
<i>Fan Zhong-Ji, Liao Ming-Xue, He Xiao-Xin, Hu Xiao-Hui, Zhou Xin</i>	
Modelling a Tractable and Annotated ISP's Router-Level Topology Based on Statistical Data and Geolocation Mapping.....	31
<i>Gang Wang, Chunhong Zhang, Xiaofeng Qiu, Zhimin Zeng</i>	
Levaldi: An Improved Network Distance Prediction Algorithm Based on Network	36
<i>Weizhe Zhang, Boran Cao, Hui He</i>	
A Novel PSO-Based Algorithm for Gateway Placement in Wireless Mesh Networks	41
<i>Vinh Trong Le, Nghia Huu Dinh, Nhu Gia Nguyen</i>	
Joint Design of Channel Coding and Network Coding of Different Channel Models for Wireless Networks	46
<i>Ahmed Hassan M. Hassan, Bin Dai, Huang Benxiong, M. Azhar Iqbal</i>	
Body to Body Network using Zigbee	52
<i>Muhammad Yasir, Ammar J. Malik</i>	
Performance Evaluation of the Integrated Avionics Simulation System based on Grey theory	56
<i>Haibao Tian, Wentian Gao, Yong Wu, Jiandong Zhang</i>	
The Cross-Layer Cognitive Routing with Load Balance in Heterogeneous Wireless Mesh Networks	60
<i>Peng Jun, Li Zheqin, Jiang Fu, Ma Jianjiang, Huang Zhiwu</i>	
Pulse Interval Modulation for UWB Communications with Energy Detection	66
<i>Benzhou Jin, Sheng Zhang, Xuan Zhang, Xiaokang Lin</i>	
Local Maximum Lifetime Algorithms For Strong k-Barrier Coverage With Coordinated Sensors.....	71
<i>Yingying Cao, Liusheng Huang, Kai Xing, Hao Yang</i>	
An Improved Frequency Domain Equalization Algorithm In ATSC DTV	77
<i>Zhou Peng, Cheng Song, Huang Qiuyuan, Long Biqi</i>	
The Improvement of ESPRIT Algorithm Based on the Cross-Correlation Matrix Trace Modulus Curve	82
<i>Li Tong, Guo Hao, Qu Jing Biao</i>	
Resilient Internet Access Using Tunnel-Based Solution for Malicious ISP Blocking	85
<i>Marwan Abu-Amara, Mohammed A. K. Asif, Mohammed H. Sqalli, Ashraf Mahmoud, Farag Azzedin</i>	
An Efficient Loss Rate Estimator in Multicast Tomography and its Validity	90
<i>Weiping Zhu</i>	
Configuring Network Topology Towards Energy-efficient Networks	95
<i>P. Lai, Q. Yang, C. Wu, M. Jiang</i>	
Two-Dimensional Genetic Algorithm for OFDM-Based Cognitive Radio Systems.....	100
<i>Chuyen Khoa Huynh, Won Cheol Lee</i>	
Shrinking MTU to Improve Fairness Among TCP Flows in Data Center Networks	106
<i>Peng Zhang, Hongbo Wang, Shiduan Cheng</i>	
Development of a Wireless Sensor Network for Embedded Monitoring of Human Motion in a Harsh Environment	112
<i>Tanya Le Sage, Axel Bindel, Paul Conway, Sian Slawson, Andrew West</i>	
Unicode-proof Code Injection Attack on Windows CE - A Novel Approach of Evading Intrusion Detection System for Mobile Network	116
<i>Yang Song, Yuqing Zhang, Yingfei Sun, Jingbo Yan</i>	
A Framework for Hybrid Structure P2P Botnet	121
<i>Li Xiao-Nan, Zheng Hua, Liu Yang</i>	
Towards Software Engineering Process for C4I Systems	125
<i>Tazar Hussain, Khalid Naseer Al-Mutib, Abdullah Sharaf Alghamdi</i>	
A Program Vulnerabilities Detection Frame by Static Code Analysis and Model Checking	130
<i>Xin Liu, Wandong Cai</i>	
Performance Analysis of IEEE 802.11s Wireless Mesh Network on RM-AODV Path Selection Protocol	135
<i>Linhan Feng, Zhihong Qian, Dongcheng Jin</i>	
Peer-to-Peer Botnets: Analysis and Defense	140
<i>Li Xiao-Nan, Liu Yang, Zheng Hua</i>	
Study on Survivability Mechanism of Military Optical Fiber Communication Transmission Network	144
<i>Wei Li</i>	
Design of CAN Bus Intelligent Module and OPCDA Server.....	148
<i>Zhiqiang Liu, Zixian Zhao</i>	

Data Acquisition System of the Thin Film Pressure Sensor Grid	153
<i>Xiaowen Xie, Beirong Zheng, Wei Xue</i>	
Object Identification on Car Seat based on Rough Sets	157
<i>Xiaowen Xie, Beirong Zheng, Wei Xue</i>	
Robot Experiment Simulation and Design Based on Festo Robotino	160
<i>Xie Nan, Xie Xiaowen</i>	
Simulation of Vehicular Ad Hoc Networks with Real City Scenes	163
<i>Lin Chen, Shutao Wei, Linxiang Shi</i>	
Advanced Routing Algorithm Based on Cycloid Model for P2P Network	167
<i>Zhang Jianzhe</i>	
An Optimal Sum-Dist Localization Scheme for Wireless Sensors Networks	172
<i>Luis A. Brito, Yi Liu, Yalil Garcia</i>	
Design and Application of Multimedia Network Course based on Web	177
<i>Nong Zheng</i>	
ACON: Adaptive Construction of the Overlay Network in CDN-P2P VoD System	182
<i>Peichang Shi, Huaimin Wang, Yin Gang, Xiaoqun Yuan</i>	
A Method for Detecting Buffer Overflow Vulnerabilities	188
<i>Jingbo Yuan, Shunli Ding</i>	
Analysis of Spatiotemporal Instability in the Presence of Simulated Raman Scattering	193
<i>Yan Guo, Liantang Lou, Nan Xu</i>	
Performance Analysis for Selection Combining in Rician Environments	198
<i>Fang Zhang, Wei Chen, Huiling Guo, Xuefei Liu</i>	
Research on Available Resource Management Model of Cognitive Networks Based on Intelligence Agent	201
<i>Qi Jin, Sun Yanfei, Zhang Shunyi, Tan Ling</i>	
Mobile Node Authentication Protocol for Crossing Cluster in Heterogeneous Wireless Sensor Network	205
<i>Shunrong Jiang, Jingjun Miao, Liangmin Wang</i>	
Performance of Dynamic CoMP Cell Selection in 3GPP LTE System Level Simulation	210
<i>Yuan Gao, Yi Li, Hong Yi Yu, Shihai Gao</i>	
Analysis and Improvement on Chord Protocol for Structured P2P	214
<i>Shunli Ding, Xiuhong Zhao</i>	
Zero Latency Applied on a Commercial Data Mart: Real-Time Information in Support of Decision Making	219
<i>Renato Jose Sassi, Adriano Arrivabene, Marcio Romero</i>	
Corporate Sustainability with Security to Investors: Analyses of Business Intelligence Governance Following the Requirements of Sarbanes-Oxley Law	224
<i>Renato Jose Sassi, Marcio Romero</i>	
RSSI Vector Attack Detection Method for Wireless Sensor Networks	229
<i>Yan Guoqiang, Duan Weijun, Ma Chao, Huang Liang</i>	
Design of the Multi-Level Security Network Switch System Which Restricts Covert Channel	233
<i>Xiong Liu, Haiwei Xue, Xiaoping Feng, Yiqi Dai</i>	
The Method of Active Queue Management Based on Air Traffic Network	238
<i>Jun Hu, Qian Li, Yu-Qing Hu</i>	
A Scalable Approach to Real-Time Multiplayer Online In-Game Advertisement via Peer-to-Peer	242
<i>Y. K. Chee, Jay W. Y. Lim, K. W. Lau, Ian K. T. Tan, Poo Kuan Hoong</i>	
A Method for HTTP-Tunnel Detection Based on Statistical Features of Traffic	247
<i>Yao-Jun Ding, Wan-Dong Cai</i>	
A Spectrum Allocation Algorithm to Maximize the System Access Amount in Cognitive Radio System	251
<i>Jie Jia, Chuang Wang, Zhaoyang Zhang, Daming Shi, Yanyan Li</i>	
FSS: A Novel Frame-based Stable Scheduling Scheme as the Complexity Primitive	256
<i>Fang Dong, Xiaomin Ran, Yingchun Chen, Yuxiang Hu</i>	
Reversible Run Length Data Embedding for Medical Images	260
<i>Zhiguo Chang, Jian Xu</i>	
Achieving Fairness and Efficiency for Association Control in the Heterogeneous Wireless Networks	264
<i>Yong Jiang, Jiancheng Qin</i>	
An Efficient Approach Based on Ontology to Optimize the Organizational Knowledge Base Management for Advanced Queries Service	269
<i>Majid Latifi, Hassan Khotanlou, Hamid Latifi</i>	
Design of Radio Frequency Circuit of Reader based on AS3990	274
<i>Man Li, Yue-Shan Wu</i>	
The Utility Evaluation Analysis of Information Technology Based on its Usage Frequency	278
<i>Yang Dan</i>	
Vehicle Forecast Track Based on Virtual Detector	283
<i>Wei Zhiqiang, Zhang Jianfeng, Jiang Shuming, Li Jian, Xu Shijie, Wang Shuai</i>	
A New Near-field Sar Imaging Algorithm	287
<i>Wang Gai-Mei, Liang Hua-Qiang, Zhang Qiu-Shen, Zhang Xiang-Rong</i>	
Thermocouple Signal Conditioning with Genetic Optimizing RBF Neural Networks	290
<i>Guo Li-Hui, Wang Wu, Jiao Xiao-Bo</i>	
Joint Power and Rate Control in Cognitive Network with External Interference	293
<i>Yongxin Wang, Supeng Leng</i>	
Revenue-Driven Dynamic Resource Allocation for Network Virtualization	297
<i>Shun-Li Zhang, Xue-Song Qiu, Luo-Ming Meng</i>	

Study on Development of Higher Vocational School Students' Practical Ability of Entrepreneurship	301
<i>Pan Rongjiang</i>	
Enhanced Turbo Network Coding with Additional Error Protection by Hybrid Iterative Decoding	305
<i>Qiuwen Chen</i>	
Design and Implementation of Electric Power Mobile Terminal Secure Access System	310
<i>Wu Kehe, Zhang Xiaoliang, Liu Peng</i>	
Efficient Testing Model Based on Pareto Distribution	314
<i>Zhou Xiangyun, Li Wenjing</i>	
Architecture and Real-time Characteristics Analysis of the Cyber-physical System	317
<i>Yuchen Zhang, Weijun Duan, Fubao Wang</i>	
Cryptanalysis of Authenticated Multiple Keys Exchange Protocol based on Bilinear Pairings	321
<i>Eun-Jun Yoon, Kee-Young Yoo</i>	
Mesh-based Overlay Enhancing Live Video Quality in Pull-based P2P Systems	326
<i>Houssein Wehbe, Gerard Babonneau, Bernard Cousin</i>	
CoWiMAX: Cooperation-based PMP/Mesh WiMAX	333
<i>Liqiang Zhao, Kaikai Meng, Juan Liu, Hailin Zhang</i>	
The Application of Artificial Neural Network in Wastewater Treatment	338
<i>Weixuan Hu</i>	
The Study of Semantic Query Expansion Based on Improved Vector Space Model	342
<i>Qili Tao, Ling Gao, Zhe Zhang</i>	
Conformance Testing for the Car Lights System Based on AUTOSAR Standard	345
<i>Dezhi Wang, Jishun Kuang, Wenzhi Tan</i>	
Texture Image Retrieval Algorithm with Dual Tree Complex Contourlet and Three Statistical Features	349
<i>Li-Wei Liu, Xin-Wu Chen, Zhi-Wei Ying</i>	
Research on Method of Encrypting Raster Data on Oracle 10g Spatial	353
<i>Guangshi Li</i>	
A Method for Online Signature Verification Based on Neural Network	357
<i>Nan Xu, Yan Guo, Jiali Zhao, Li Cheng, Xiaogang Wu</i>	
Node Deployment Strategy for a Mobile Sink in Wireless Sensor Networks	361
<i>Huiyong Yuan, Jiansheng Xie</i>	
Research on the Selection Algorithm of Precoding Matrix in TDD LTE	365
<i>Weihong Fu, Fei Zhang, Guo Yantao, Zhiting Cui</i>	
Distributed Precoding Technology of Reducing Inter-cell interference in LTE Downlink	369
<i>Weihong Fu, Fan Shi, Naian Liu</i>	
An Effective and Efficiency Anti-Collusion Fingerprint Scheme for Multimedia	373
<i>Huang Jun, Li Qiaoliang</i>	
Improved Hierarchical Routing over 6LoWPAN	377
<i>Hong Yu, Jingsha He</i>	
Interference Suppression in GNSS Receiver Using Space-Time Adaptive Processing	381
<i>Zhao Hongwei, Lian Baowang, Feng Juan</i>	
Adaptive Energy Conservation Strategy for Target Tracking Sensor Networks	386
<i>Feng Juan, Zhao Hongwei</i>	
Robustness Analysis of M-EPON System Architecture in the Mine Communication	392
<i>Jiping Sun, Fan Zhang</i>	
A Simple Analysis on P2P Streaming with Peer Playback Lags	396
<i>Yang Zhao, Hong Shen</i>	
An Image Survivable Storage Scheme Based on Hyperchaotic	401
<i>Xiao-Yuan Yang, Jing-Jing Wang, Wei-Dong Zhong, Xiao-Zhong Pan</i>	
A Novel Steganography Algorithm Based on Motion Vector and Matrix Encoding	406
<i>Li-Yi Zhao, Wei-Dong Zhong</i>	
PAD: Policy Aware Data Center Network	410
<i>Haiwei Xue, Xiong Liu, Xiaoping Feng, Zhiwen Guo, Yiqi Dai</i>	
An Efficient PBA Protocol Based on Elliptic Curves	415
<i>Xiaobo Chu, Yu Qin, Dengguo Feng</i>	
Time-domain Nearfield Wideband Beamforming Based on Fractional Delay Filters	421
<i>Qi-Li Guo, Chao Sun</i>	
Subchannel Allocation Based on Graph Theory in a Single Cell of WRAN	426
<i>Yingting Liu, Hailin Zhang, Xiaofeng Lu, Shuhua Liu</i>	
Device-to-Device Communication in CDMA-based Cellular Systems—Uplink	430
<i>Yongsheng Cheng, Han Han, Xiaokang Lin</i>	
Secure Mechanism based on Concurrent Signature for Mobile Payment Services	435
<i>Tianxiang Lan</i>	
Determination Algorithm of Service Composition based on QoS Relation	439
<i>Yan-Ping Chen, Xiang Li, Qinghua Zheng</i>	
Dictionary Training with Genetic Algorithm for Sparse Representation	444
<i>Zhiguo Chang, Jian Xu</i>	
The Research of Cooperative Location Model in Wireless Sensor Network based on Four-cross Array	448
<i>Qian Long, Weijun Duan, Mingyuan Li</i>	
Design a High Availability Platform for the Carrier Grade Applications	452
<i>Qinlong Qiu, Lingdi Ping, Qifei Zhang, Wenjuan Li</i>	

Method of Metadata Synchronization in Parallel Distributed Databases.....	457
Hequn Xian, Zhigang Zhao, Jianbo Li	
Knowledge Mining of Traditional Chinese Medicine Constitution Classification Rules Based on Artificial Fish School Algorithm	462
Feng Yang, Guoliang Tang, Hemin Jin	
A Broadcasting Algorithm of Multipath Routing in Narrowband Power Line Communication Networks.....	467
Shucheng Liang, Shumin Chen, Xueli Ding, Cuizhi Zhang, Yuanxin Xu	
Statistical Time Division Multiplexing Based Local System Architecture for Multi-Cluster NoC	472
Wang Jiawen, Li Li, Zhang Yuang, Pan Hongbing, He Shuzhuan, Zhang Rong	
Design and Implementation of EAM System Based on Web Service	477
Chongshan Ran, GuiLi Guo	
A Difference Fitting Residuals Algorithm for Lossless Data Compression in Wireless Sensor Nodes.....	481
Xuejun Ren, Dingyi Fang, Xiaojiang Chen	
Simulation Research on Breakingbulk Control of the Airborne Dispenser	486
Jin Chu, An Zhan, Wentian Gao, Ruijun Chen	
On-the-Fly and Memory-Scalable Implementation of Hierarchical Lapped Transforms with Minimum Memory Requirement.....	491
Jingxu Li, Chunyuan Zhang, Xiongming Zhang	
New Forward-Secure Certificateless Proxy Blind Signature Scheme	496
Juanli Sun, Junyi Wei, Ping Wei	
Video Steganography Using Motion Vector Components	500
Jue Wang, Min-Qing Zhang, Juan-Li Sun	
The Research on Certificateless Hierarchical Key Management in Wireless Mesh Network.....	504
Ding Yi, Guo Xu, Zhang Mingqing	
A Public Cryptosystem from R-LWE	508
Ping Wei, Liqiang Wu, Xiaoyuan Yang, Bin Hao	
Improved Sphere Decoding Algorithm in TD-LTE System	514
Weihong Fu, Chunbao Zhao, Wu Wei, Qingliang Kong	
A New Key Management Scheme Based on Secret Information for WSN	518
Min-Qing Zhang, Wen-Hua Fu, De-Long Li	
Design and Implementation of IPv6-Supported Network Access Control Gateway	522
Jian Wang, Fuxiang Gao, Guang Zhao	
Multiple-Authority-Keys CP-ABE	526
Xiaoyuan Yang, Weiyi Cai, Ping Wei	
The Design of Multimedia Conference System Based on IMS	531
Weiwei Lai, Jian Guo, Yuliang Tang	
Optimal Solution of Uncompressed High-Definition Video Transmission Using Selection Modulation Method	535
Ngoc Anh My Nguyen, Won Cheol Lee	
Adaptive Algorithm of Cluster Head in Wireless Sensor Network Based on LEACH	539
Xinghua Hu, Jian Luo, Zhen Xia, Maomao Hu	
A New Cache Strategy of Multicast and Broadcast Frames in 802.11-Based Wireless Network.....	544
Chenghua Hu, Hailiang Fan, Cheng Liu	
A Distributed Localized Decision Self-Health Monitoring System in WSN Developed for Bridge Diagnoses	548
Haitao Xiao, Harutoshi Ogai	
Variable Length Virtual Output Queue Based Fuzzy Congestion Control at Routers	554
Pramod Kumar Singh, Santosh Kumar Gupta	
Research on Parameters Relationship of MBR in Practical Application.....	559
Wang Gangqiang, Li Chunqing, Wang Tao	
An Ant Colony Optimization-Based QoS Routing Algorithm for Wireless Multimedia Sensor Networks	562
Xiaohua Yu, Jiaxing Luo, Jinwen Huang	
Cognitive Radio CSMA/CA Protocol for Femto-WLANs	567
Liqiang Zhao, Wan Zhang, Wenjie Song, Hailin Zhang	
Design and Implementation of the Telecom Interface between CRM and SFS System Based on SOA	572
Hongmei Yu	
A Differential Alamouti Coding Scheme for OFDM based Asynchronous Cooperative Systems	576
Longwei Liu, Hailin Zhang, Xiaofeng Lu, Yongzhao Li	
The Channel Capacity of CMMB System by Using the Technology of MIMO	582
Zhang Naiqian, Jin Libiao	
A Research on Next Generation of Convergence Network Architecture.....	585
Yang Jungang, Yang Yanfeng, Liang Li	
Information Fusion of Vehicular Ad Hoc Networks Based Bayesian Networks	589
Lin Chen, Wen'An Tan, Linxiang Shi	
A Hierarchical Model for Optimally Configuring Logistics Delivery Networks	593
Ma Li, Su Yang	
Stream-Based Parallel Computation for Discrete Wavelet Transform by Using Graphics Hardware.....	597
Su Yang	
Accuracy Analysis of Open Channel River Flow Multi-beam Monitoring System	602
Xiaoli Zhang, Lin Zhou	
Packet Loss Differentiation of TCP over Mobile Ad Hoc Network Using Queue Usage Estimation.....	606
Mohammad Amin Kheirandish Fard, Sasan Karamizadeh, Mohammad Aflaki	

Comprehensive Evaluation of Logistics Level for Provinces/Cities Based On Methods of Multivariate Statistical Analysis	611
<i>Yu Niu, Deng Xudong</i>	
A Study of the Security Monitoring System in Coal Mine Underground Based On WSN	616
<i>Li Rong</i>	
Improve Tagging Recommender System Based on Tags Semantic Similarity	619
<i>Chen Hang, Zhang Meifang</i>	
Modeling and Simulation of Ethernet Passive Optical Network (EPON) Experiment Platform based on OPNET Modeler	624
<i>Zhiwen Peng, Pj Radcliffe</i>	
A New Algorithm for Power Allocation in MIMO-OFDM Systems with a Beamforming Scheme	630
<i>Hamidreza Rabiee, Hojjat Allah Rohi, Hadi Dehbovid</i>	
A Trusted Inter-Domain Routing Protocol Based on Bayesian Inference Theory	635
<i>Wei Wang, Jianghong Wei, Dongnian Cheng</i>	
Construction and Application of Electric Energy Information Acquisition System	639
<i>Enguo Zhu, Xuan Liu</i>	
Verification and Validation of UML 2.0 Sequence Diagrams using Colored Petri Nets	642
<i>Maryam Mozaffari, Ali Harounabadi</i>	
Reducing Receive Buffer Blocking in CMT Based on SCTP Using Retransmission Policy	647
<i>Yang Tao, Pan Li, Jian Li, Hongcheng Huang, Jun Wu</i>	
Regular Network Low Density Parity Check Codes for Multiple-Access Relay Channel	651
<i>Guanghui Song, Jun Cheng, Yoichiro Watanabe</i>	
An Improved Target Tracking Accuracy Algorithm Based on Particle Filtering in WMSN	656
<i>Juan-Yi Zheng</i>	
Joint Symbol Detection of Multi-antenna Signals Based on EM	660
<i>Ning Zhuang, Hong-Yi Yu, Ge Wang</i>	
A Fault Tolerant Adaptive Routing Algorithm in 2D Mesh Network on Chip	665
<i>Wang Yongqing, Zhang Minxuan, Xiao Canwen</i>	
Multi-class Scene Recognition based on Codal Module and Neural Network	670
<i>Yin Wu, Wei Pan</i>	
The Design of Shock Wave Pressure Test System Based on AVR8515	675
<i>Suhua Liu, Sanmin Shen, Qi He, Jijun Xiong</i>	
A Cooperative Strategy Based on Nash Bargaining Solution Under Spectral Mask Constraint in Cooperative Relay Networks	679
<i>Brima Fallah, Huang Benxiong, Yin Weihua</i>	
Research on Design of FORCEnet Top-level System Achitecture	685
<i>Qisheng Guo, Ge Mu, Huankai Yu, Yadong Yan, Wei Wang</i>	
A Step Detection Algorithm Based-on Chain Code	689
<i>Suyi Li, Zhenbao Ling, Jinghua Cao, Kun Li, Guangda Liu</i>	
All-optical ASK Label Swapping on CSRZFSK Payload in Optical Packet Networks	693
<i>Zhou He, Fanjian Hu, Fei Ye, Bo Huang, Wei Li, Zhiyong Tao, Zhen Cao, Wen Cheng, Zhujuan Wang</i>	
ASK Labeling and All-Optical Label Swapping on 33%RZFSK Payload	696
<i>Zhou He, Fanjian Hu, Fei Ye, Bo Huang, Wei Li, Zhiyong Tao, Zhen Cao, Wen Cheng, Zhujuan Wang</i>	
Research of Intrusion Detection System Based on Neural Networks	699
<i>Jinguo Zhao, Min Chen, Qinyun Luo</i>	
Research on Digital Watermarking Algorithms for 2D Graphics	704
<i>Zhang Junfeng, Xue Bing</i>	
Network Security Risk Assessment Based On Support Vector Machine	709
<i>Jun Chen, Xionggang Tu</i>	
Higher Vocational The Computerized Accountancy Teaching Innovation Reform Research	713
<i>Zou Zhenhua</i>	
Trend Analysis and its Application for Software Testing	716
<i>Meng Gui-Fang, Zhu Wei, Wan-Li Cheng</i>	
Virtualization Safety Problem Analysis	720
<i>Nan Zhang</i>	
Research of Sketch-based Inkwash Drawing Technology	723
<i>Wang Jun, Cao Qingmei</i>	
An Edge Detection New Algorithm based on Laplacian Operator	727
<i>Cheng Xiansheng</i>	
Morphology of Chaucerian English: with Reference to the Portrait of the Prioress	732
<i>Xiaoyi Zheng</i>	
Expert System for De-Adaptation Diagnosis and Treatment	738
<i>Penghai Zhang, Pengtian Zhang, Ting Chen</i>	
Study and Practice of Import Scrum Agile Software Development	742
<i>Hu Guang-Yong</i>	
Computer Software Engineering Management Measures	746
<i>Wang Jing, Zhuang Guanglei, Wang Zongchen</i>	
Second Wavelet Transform Automated Threshold for Partial Discharge Signal Extraction	750
<i>Hong-Xia Luo, Xue-Feng Zhang, Tian-Yun Li</i>	

Analysis on the Problems in the Incentives for Double-Qualified Teachers in China's Higher Vocational Education.....	754
<i>Qingwen Li</i>	
Analysis on Financing Problems for Small and Medium-sized Enterprises.....	757
<i>Xu Guanghua, Lu Ming</i>	
Enhance Countermeasure Analysis on Education in Ideology and Politics for College Students	761
<i>Yu Zhiwei, Yuan Dan</i>	
Revelation from the U.S Tennessee Valley Management Legislation on Yangtze Valley Legislation	764
<i>Zhang Yan Fang, Shi Yan Zi</i>	
The Strategy of Training the Students Autonomous Study in English Speaking	767
<i>Wei Xianmei, Han Kun</i>	
Software Process Metrics and Control Optimization Analysis Orientated to Project Management.....	770
<i>Hu Li Ping</i>	
Survey on Interaction Between Modern E-learning and English Teachers' Self-directed Learning	775
<i>Huang Dapeng, Wu Xiuling</i>	
A Study of the Curriculum Setup of Web-Page Designing in Multi-media Major	779
<i>Yao Yuju, Wang Jing, Li Zongying</i>	
The Existence of Periodic Solution to Two-Dimensional Time-Varying Delay Cohen-Grossberg	781
<i>Xiang Chen, Hong Liu, Huiqin Wu, Xudong Ling</i>	
Research and Design of Storage Systems with High Availability in Campus Network.....	787
<i>Li Sen, Ma Yan</i>	
A Fast Fuzzy Stator Condition Monitoring Algorithm using FPGA.....	792
<i>Li Jing-Kui</i>	
Research on the Problem of Network Security Based on Marketing	798
<i>Wang Dongdong</i>	
Study on the Adaptive Error Concealment Technique for Mobile Video.....	801
<i>Xiaoyu Ma, Kun Mu</i>	
Construction of Physical Education Online Course in Vocational College in China	805
<i>Guo Quan</i>	
A Feedback Predistortion Technique for Power Amplifiers Based on Amplitude and Phase Signal Processing	809
<i>Ping Cao, Songbai He, Fei You</i>	
Research and Implementation of Cooperation Method Based on BPEL in Mobile Workflow System	813
<i>Wenjun Yang, Guanping Xu, Jinghui Wang</i>	
Design of Acquisition and Controlling System for Multi-channel Digital-analog Signal Based on FPGA	817
<i>Zhang Yanjun, Hong Yingping, Liu Wei, Jiang Wei</i>	
Plain Discussion of Data Mining Technology Research	821
<i>Zhang Xiaodan</i>	
Vertical Vias Models for LTCC Circuits Based on BP Neural Networks.....	824
<i>Zhang Jingxian, Gu Youqi, Wang Lei</i>	
Using MongoDB to Implement Textbook Management System instead of MySQL	828
<i>Zhu Wei-Ping, Chen Huan, Li Ming-Xin</i>	
A Agent-based Decentralized Algorithm for Resource Semantic Discovery in Economic Grid	831
<i>Asghar Mirzaee, Parisa Rahimzadeh</i>	
VLSI Implementation of Synchronizer and Pipelined CORDIC in OFDM Receiver for Fourth Generation Wireless LAN Applications	837
<i>Sudhakara Reddy Penubolu, Ramachandra Reddy Gudheti</i>	
Combined Sparse Representation Based on Curvelet Transform and Local DCT for Multi-layered Image Compression.....	841
<i>Changsheng Lang, Hong Li, Guangzheng Li, Xiujuan Zhao</i>	
A RGPS-Based Framework for Service-Oriented Requirement Evolution of Networked Software.....	846
<i>Songlin Zhang, Junsong Yin, Rong Liu</i>	
Development and Application of Desktop Virtualization Technology	851
<i>Li Yan</i>	
Target Tracking Algorithm Based on Dynamic Template and Kalman Filter	855
<i>Hong-Man Wang, Ling-Ling Huo, Jing Zhang</i>	
The Security Operations Center Based on Correlation Analysis.....	859
<i>Shuhong Yuan, Chijia Zou</i>	
Design and Implementation on Motion Control System of AGV Based on DSP	863
<i>Yanchun Shen, Jinli Yuan, Yinpuzhang</i>	
Study on New GIS Support Platform of Telecommunications.....	868
<i>Chun Yang</i>	
Hardware/Software Partitioning Algorithm Based on Wavelet Mutation Binary Particle Swarm Optimization.....	872
<i>Yuan Jianliang, Peng Manman</i>	
SVD-Based Denoising Algorithm for TH-PPM UWB Signal in AWGN Channel	876
<i>Jianmin Xu, Yufeng Wang</i>	
A Novel Features from Accelerated Segment Test Algorithm Based on LBP on Image Matching	880
<i>Lisha Guo, Junshan Li, Yinghong Zhu, Zongqi Tang</i>	
Development And Application Of Planting Resources Management Decisionmaking System	884
<i>Cheng-Ping Ruan</i>	
An Improved Hybrid Video Watermarking Scheme	889
<i>Wei-Dong Zhong, Geng-Rui Wu, Ke Niu, Wei-Wei Ding</i>	

Study on Sparse Channel Estimation Algorithm Based on Compressive Sensing for OFDM Systems	893
<i>Shi Hui Song Renwang, Wang Gangfei</i>	
The Improvement for Extraction Technology to Target Tissue of Medical Image	897
<i>Xuemei Huang, Xiuting Wei, Weihong Liu, Xiaojuan Dong</i>	
A Selective Image Encryption Algorithm Based on Hyper-Chaos	901
<i>Ping Xu, Jianjun Zhao, Dihua Wang</i>	
Ant Colony Optimization for PON Network Design	905
<i>Weicheng Xiong, Chande Wu, Libing Wu, Xiaojun Guo, Yibo Chen, Ming Xie</i>	
Object Tracking Using SIFT Features in a Particle Filter	909
<i>Yue Yan, Jingling Wang, Chuanzhen Li, Zhenxing Wu</i>	
A Wavelength Reuse OFDM-WDM-PON Architecture with Downstream OFDM and Upstream OOK Modulations	914
<i>Miaoqing Hu, Shibao Wu, Ming Fang, Lei Tang</i>	
A Flexible Configuration Approach for Fault-tolerant Multicast/Unicast	918
<i>Wenmin Hu, Zhonghai Lu, Axel Jantsch, Hengzhu Liu, Shixian Wang, Dongpei Liu</i>	
Design of Routing Protocol Based on MAC Layer for Ad Hoc Networks	922
<i>Shumin Chen, Qiang Yu, Minjue Ma, Kai You, Yuanxin Xu</i>	
Cognitive Radio Simulation Environment Realization Based on Autonomic Communication	927
<i>Shixian Wang, Hengzhu Liu, Luguo Xie, Wenmin Hu</i>	
Research on the code distributed protocol of Wireless Sensor Network	933
<i>Li Haiyan, Qian Kaiguo, Wang Liying</i>	
Application Specific Parallel Memory Architecture for Software Defined Radio	936
<i>Botao Zhang, Hengzhu Liu, Shixian Wang, Dongpei Liu</i>	
Security of Li's Authentication and key Agreement with Smart Card	941
<i>Xiaoyi Duan, Xiyiing Li</i>	
An Improved Algorithm of ODMRP for Controlling Packet Flooding	944
<i>Rui-Juan Yang, Shu-Chun Yang, Xiao-Meng Cui, Mei-Rong Huang</i>	
The Development of Management System for Building Equipment Internet of Things	948
<i>Shen Bin, Zhang Guiqing, Wang Shaolin, Wei Dong</i>	
Research the Office Automation System Software Based on Workflow Technology	953
<i>He Junhua</i>	
A Novel Approach for WLAN-based Outdoor Fingerprinting Localization	957
<i>Qingyuan Zhao, Sheng Zhang, Jinguo Quan, Xiaokang Lin</i>	
Achievable Rates with Lattice Codes for a Multicast Channel with Relays	962
<i>Aamir Shahzad, Rongke Liu</i>	
A Secure Publishing Scheme in e-Government	967
<i>Jiang Hong, Dai Jiazhu</i>	
Research on Web-Based Teaching and Learning System	970
<i>Yan Zhang, Yun Chen, Yonghua Zhang, Hao Wang, Dongdong Liu</i>	
Cluster Based Addressing Scheme in VANET	975
<i>Sadique Ahmed Bugti, Xia Chunhe, Li Wie, Ejaz Hussain</i>	
Approximate Controllability for Semi-Linear Retarded Stochastic Systems with Levy Noise	980
<i>Xiangfeng Yin</i>	
Developing Model of ERP Systems Strategies for E-business Companies	984
<i>Lijuan Liang, Yang Hai</i>	
ZigBee based Energy Efficient Reliable Routing in Wireless Sensor Network: Study and Application	989
<i>Yuejun Dong, Zhiyong Dong, Shugui Zhang, Yan Cui</i>	
The Research and Application in Intelligent Parking Management System of RFID Anti-Collision Algorithm	993
<i>Yuejun Dong, Fangfang Shan, Yan Cui, Zhiyong Dong</i>	
An Optimized Mapping Design of 8PSK for BICM-ID	997
<i>Jiaye Wang, Huaging Zhang, Yadong Lv</i>	
The Research of SOA Based Marine Environmental Data Warehouse Architecture	1001
<i>Fangning Zhang, Fengjing Shao</i>	
The Design of Algorithm for Data Mining System Used for Web Service	1005
<i>Ren Yanna, Lv Suhong, Wang Qiang</i>	
Research on Acquisition System of Multichannel Weak Photocurrent	1009
<i>Hai-Ying Jiang, Xiang-Yang Mou, Cheng-Nan Gao, Yu-Liang Ma</i>	
Online Course Quality Maturity Model Based on Evening University and Correspondence Education(OCQMM)	1013
<i>Dan Gu, Jing Chen, Wandong Pu</i>	
Using Students' Tracking Data in E-learning: Are We Always Aware of Security and Privacy Concerns?	1018
<i>Madeth May, Sebastien George</i>	
A Distance and Pixel Intensity Relation for Disparity Mapping in Region of Interest	1023
<i>R. A. Hamzah, M. S. Hamid, H. N. Rosly, N. M. Z. Hashim</i>	
Cruise Control Technique at Zero Speed Using Matlab	1028
<i>Sandhiya Kumar, R. Arvindraj, S. Karthik</i>	
A Teaching Method of Single Chip Machine Based on Small Project	1033
<i>Wen-Cheng Wang</i>	
Broaden the Knowledge of College Students for General Education Purpose in the Context of Climate Change and Renewable Energy Development	1036
<i>Zhang Chengcheng, Xu Zigang, Guo Shiying, Wang Fei</i>	

A Survey on the Outline of National Long-Term Education Reform and Development Plan	1040
<i>Zhang Chengcheng, Xu Zigang, Guo Shiyi, Wang Fei</i>	
School Score Mining - First Step	1044
<i>Dongning Rao, Zhihua Jiang</i>	
A New Wavelet Transform Convolution Algorithm.....	1049
<i>Zhang Shu, Meng Lei</i>	
On Construction of Entrepreneurship Education Community: The View from Student Satisfaction.....	1053
<i>Yueyu Xu</i>	
WKMSD: Using Knowledge Base for Work Flows of Distributed Integrated Systems by a Proposed Algorithm with Data Mining Mechanism	1057
<i>Arash Ghorbannia Delavar, Majid Feizollahi, Nasim Anisi</i>	
To Be the People You Want to Be - Research on Harvard's Education as A Case Study	1062
<i>Xue Jiang</i>	
Customized Continuous Assessment Online Version, Using Scientific WorkPlace	1065
<i>Plinio Del Carmen Teheran Sermen, Rafael David Castro Torres, Julio Cesar Leon Luquez</i>	
ERPDRT : A Novel Real-time Framework in Integrated Distributed System Resources, Secure with Data Mining Mechanisms.....	1069
<i>Arash Ghorbannia Delavar, Behrouz Noori Lahrood, Mehdi Zekriyapanah Gashti</i>	
A Web-based Immediate Diagnosis System for Efficient ERM Learning	1074
<i>Jian-Wei Lin</i>	
Evaluation of E-Learning Websites in Jordan Universities based on ISO/IEC 9126 Standard.....	1079
<i>Mahmoud Baklizi, Salah Alghyalyne</i>	
A Timed Automata Testing Model for Component-based Embedded Real-time Software.....	1082
<i>Xiaoming Ding, Xiaohan Zhou, Xiaomei Zhang</i>	
An Effective Recommender Attack Detection Method based on Time SFM Factors.....	1086
<i>Tong Tang, Yan Tang</i>	
Study on Input Hypothesis in CALL Environment.....	1090
<i>Peng Li</i>	
Innovation Capacity Appraisal of Junior College Engineering Students Based on AHP-TOPSIS	1093
<i>Dong Chunhua</i>	
System Construction of Comprehensive Occupational Abilities of Engineering Students in Junior College	1097
<i>Dong Chunhua</i>	
A Two-Level Theoretical Model on Digital Divide in Individual Ecommerce Utilization in China	1100
<i>Shizhan Zhu</i>	
Design and verification of Secure Channel based on UMLsec	1105
<i>Ling Shen</i>	
A Review of Statistical and Cognitive Learning for Sentence Processing.....	1109
<i>Yi Guo, Yan Li, Zhiqing Shao</i>	
A Semantic Processing Model for Sentence Understanding based on Cognitive Learning	1114
<i>Yi Guo, Yan Li, Zhiqing Shao</i>	
Research on Standardization of Marine Simulator Training and Assessment	1119
<i>Jinbiao Chen, Tingting Chen</i>	
A Multi-layered Emulation Platform to Verify the Effectiveness of Consistency Control Approaches about Message Ordering.....	1123
<i>Hangjun Zhou, Sha Fu</i>	
Analysis of Bilingual Education of Computer Culture Foundation Course in Colleges	1127
<i>Jiao Weiwei</i>	
The Construction and Practice of "Software Foundation" Exquisite Course	1130
<i>Fang Zhigang, Xu Jie, Gu Zhengyuan, Bao Fuliang</i>	
An Experiment Teaching of NAT Application in Firewall.....	1134
<i>Liu Ping Feng, Liang Bin Zheng, Lin Hong Li</i>	
Research and Practice of Bilingual Education of C Language Programming	1137
<i>Jiao Weiwei</i>	
A Case Study of Improving Image Processing Competence by Gagne Learning Conditional Theory	1140
<i>Liang-Yuan Hsiung</i>	
GellCast: Gossip-enhanced Low-latency Multicast for Virtual English Classroom.....	1145
<i>Min Sun, Xiao Sun</i>	
Evaluation of Outcome-Based Approach in Computer Science Education at Sub-degree Level.....	1150
<i>Gary K. W. Wong, H. Y. Cheung</i>	
A Fuzzy Approach to Bilingual Education Assessment and Analysis	1155
<i>Yuanchun Ding, Minkang Tang</i>	
Performance-Oriented Design Model of the Content & Style of Software Engineering Textbook for Undergraduate Computer Software Related Majors	1160
<i>Shui Wang, Xiaomin Zhang</i>	
The Application Research of GAE on E-learning - Taking Google CloudCourse for example	1164
<i>Huibin Yin, Jun Han, Jing Liu, Jing Dong</i>	
Social Support Based Multi-Agent Framework for Designing an e-Learning Course	1168
<i>Richa Sharma, Punam Bedi, Hema Banati</i>	
Training Students Self-confidence in the College Tennis Teaching.....	1173
<i>Zhao Feng</i>	

Experiencing a Town of the Middle Ages: An Application for the Edutainment in Cultural Heritage	1177
<i>Lucio T. De Paolis, Giovanni Aloisio, Maria G. Celentano, Luigi Oliva, Pietro Vecchio</i>	
Numerical Simulation for the Pile Group in Soft Soil	1183
<i>Ke-Jian Cai</i>	
Applying Model Driven to Software Development: A University Library Case Study	1187
<i>Li Dan, Li Danning</i>	
A Modified Gauss-Seidel Iterative Algorithm for H-matrix with Centrosymmetric Structure	1192
<i>Di Zhao, Hongyi Li</i>	
A Modified Algorithm for the Perron Root of a Nonnegative Matrix with Centrosymmetric Structure	1196
<i>Di Zhao, Hongyi Li</i>	
Grain Identification Of Polarising Images With Level Set Method	1200
<i>Bibo Lu, Zhonghua Lin, Hui Wang</i>	
Performance Appraisal of Student Affairs Management Based on Group Analytic Hierarchy Process	1204
<i>Yezhi Xiao, Sha Fu</i>	
Application of Situational Teaching in Higher Vocational College English Vocabulary Teaching	1209
<i>Zheng Gangqiang</i>	
RQSG-I: An Optimized Real time Scheduling Algorithm for Tasks Allocation in Grid Environments	1213
<i>Vahe Aghazarian, Arash Ghorbannia Delavar, Nima Ghazanfari Motlagh, Mohsen Khajeh Naeini</i>	
Exploration in Mathematical Basic Courses of Higher School under Mathematics Cultural Perspective	1219
<i>Sheng Ding</i>	
Innovation Pedagogy and Improving Quality in Higher Education in Web-Based Environments	1223
<i>Fei Li, Li Liu</i>	
Lego Robotics and Group Learning - Exploring the Effects of Gender, Age, and Family Background	1227
<i>Kuo Hung Huang, Pei-Li Huang</i>	
Effective Assessment for Full-time Engineering Postgraduate Education	1231
<i>Yuanchun Ding, Minkang Tang</i>	
Embedded Teaching Mode Exploration and Teachers Team Training	1235
<i>Liu Taian, Lu Jun, Shao Hongqiang, Li Han, Fan Fang</i>	
A New Rule Ranking Model for Associative Classification Using A Hybrid Artificial Intelligence Technique	1239
<i>Moath M. Najeeb, Asim El Sheikh, Mohammed Nababteh</i>	
An Integrated Approach to Self-regulated Learning Platform Enhanced with Web2.0 Technology	1244
<i>Yu Tang, Aihua Fan</i>	
Guiding Undergraduate Students to Collaborate in the Design and Development of Concept Cartoon with the Support of TINS	1248
<i>Min-Jin Lin, Ching-Dar Lin</i>	
Can We Transform the E-Teacher Community to be a Learning Organization to Promote School Teachers' Professional Development	1253
<i>Ching-Dar Lin, Xin-Sheng Zhang, Min-Jin Lin</i>	
Utilization of Main Memory by Reallocation of Pages and User based Process Scheduling	1258
<i>Praveen C. Ganapathy</i>	
University Teaching Management Reform Mindset	1263
<i>Yu Xinxia</i>	
Research on Evaluation Model for College Students' Listening and Speaking Competence Based on Fuzzy Matter-element	1267
<i>Li Yan</i>	
Facilitating Online Student Group Work Assignments	1271
<i>Lisa Soon, Campbell Fraser</i>	
Exploration and Practice of Training Practical IT Professionals by the Cooperation of the University and Enterprises	1276
<i>Xu Peng</i>	
Undergraduate Students: Interactive, Online Experiences and ePortfolio Development	1280
<i>Wendy Beresford, David Cobham</i>	
Design of User-defined Visual Report Component	1284
<i>Deng Shiyang</i>	
Practice of Improving the Interest in Algorithm Curriculum	1288
<i>Chunzhi Xie, Yajun Du</i>	
A New Extension on Job Allocation with the Aim of Optimizing DCSS in Industrial Manufacturing Environments	1291
<i>Seyedehfarzaneh Nojabaei, S. H. Tang, P. Bayat, S. Sulaiman</i>	
Optimization of Reliability Based on Job Scheduling	1294
<i>Seyedehfarzaneh Nojabaei, S. H. Tang, P. Bayat, S. Sulaiman</i>	
Research on Physical Education in High School Using IT	1297
<i>Yunzhi Peng</i>	
Study of Educational Reform on the Course of Single-Chip Microcomputer Based on PBL Model	1301
<i>Ke-Ning Wang, Wei Dong, Xiong-Xing Zhang, Wei Wang</i>	
Training College Students' Comprehensive Qualities by English Class Lectures	1304
<i>Wang Xiaohong</i>	
The Profound Effect of Modern Information Technology Revolution on Network Economy Society	1307
<i>Wei Wang, Qian Li</i>	
The Research of Computerized Accounting System of Internal Control	1310
<i>Li Yingwei, Mao Jiuzhi</i>	

Application of Gray Factor Analysis Synthesis in the Satisfaction of Employee	1313
<i>Gao-Hui Peng, Hong-Xia Du</i>	
A Study of Synchronous and Bucket Trading Behavior of Institutional Investors	1317
<i>Po-Sheng Ko, Wen-Chih Lee, Cheng-Chung Wu</i>	
Predicting Soil Erosion in Sloping Hilly Areas of Central Sichuan Based on SVM Model	1321
<i>Qiaolun Yan, Junwei Wei, Lijin Lin, Yuanxiang Yang, Xuemei Zhu, Jirong Shao</i>	
A Case Study in Jiuwuji Minority Middle School on Rural Teachers' Educational Technology Training in Terms of a Switch of Educational Product	1326
<i>Xu Sigui, Hu Tianwen, Zhou Qingfang</i>	
The Rural Financial Ecological Environment Construction in Qinhuangdao which under the Coordinate Perspective of Urban And Rural Areas	1329
<i>Zhao Rui, Jin Huixin, Yang Liming</i>	
Face Location with A Extended Set of LBP	1333
<i>Si-Yang Jiang, Mei Xie, Yun-Long Wei</i>	
Improve the Classification and Sales Management of Products Using Multi-Relational Data Mining.	1337
<i>Mahmoud Houshmand, Mohammad Alishahi</i>	
The Analysis of the Complex Electromagnetic Environment Based on the Independent Component Analysis	1346
<i>Hongyi Li, Donglin Su, Xixin Wu, Xi Wen, Yiheng Wang</i>	
A Method in Medical Image Registration Based on Normalized Mutual Information	1350
<i>Hong Pu, Mei Xie, Bei Yan</i>	
Implementation and Improvement Based on Variational Level Set Method	1355
<i>Baolin Zhao, Zheng Ma</i>	
Intelligent Vehicle Based On S3C4210 Electronic Control System Design	1359
<i>Dong-Yun Luo</i>	
The Thinking About Teaching Basic Computer Courses of University	1362
<i>Juan Sang, Qin Guo</i>	
The Characteristics of New Zealand Government Data Management Policies and Standards and their Enlightenments to China	1366
<i>Fang Zhao</i>	
Profound Understanding the Great Significance of National Long-Term Education Reform and Development Plan	1369
<i>Xu Zigang, Zhang Chengcheng, Guo Huaidong, Wang Fei</i>	
Knowledge Activities in Distance Education Online Group Work	1372
<i>Lisa Soon, Campbell Fraser</i>	
On Choosing the Digital Document'S File Format for Long-Term Preservation	1378
<i>Fang Zhao</i>	
Network Management System Design and Implementation	1381
<i>Mi Xifeng, Fan Yuanyuan</i>	
Document Image Skew Adjusting Based on the Feedback Information Recognized by OCR	1384
<i>Xiaoling Fu, Yazhuo Xu, Lijing Tong</i>	
Research into Teaching Method of Time-sequence Logic Circuit	1387
<i>Zhihui Wang, Yueping Liu, Yong Tie, Dong Li</i>	
A New Method to Recently-filled Hydraulic Fill Treatment	1391
<i>Yuxiang Cheng, Dongju Du</i>	
The Research of The 360-degree Evaluation System in Performance Management of High-tech Enterprise	1395
<i>Jingjing Du, Bing Zhu</i>	
Car Engine Casing with Spring Mechanism Innovative Design	1399
<i>Wan-Chun Zhou, Wei Su</i>	
Design of Performance Evaluation System for the Informatization of Chemical Enterprise Based on Performance Prism	1402
<i>Bo Yu, Bing Zhu</i>	
Study on Fostering College English Active Learning	1405
<i>Liu Qingxiang</i>	
Research of Full-order State Observer in Direct Torque Control	1408
<i>Rong-Xia Miao, Bao-Hua Lang</i>	
The Precision Inspection of Waves Refraction Correction Method	1413
<i>Guo Tao, Zhou Ning</i>	
Mobile Traffic Evaluation for Fuzzy-Based Application Using Green Ajax	1417
<i>Ridwan Sanjaya</i>	
Development Model Choice and Strategy Interaction in Corporate Universities	1425
<i>Ni Huijun, Wang Fusheng</i>	
Application of Multiple Methods of Teaching High-frequency Electronic Circuits	1429
<i>Zhihui Wang, Dong Li, Yong Tie, Shuhua Li</i>	
Global Exponential Stability of Cellular Neural Networks with Delays and Impulses	1433
<i>Enbiao Zhang, Yanfeng Liu</i>	
Research on Present Situation and Reform of Basketball General Courses in Chinese Colleges and Universities	1437
<i>Zhang Weidong</i>	
Research on Thermal Effect of Hall Element Driven by Pulsed Power Supply	1441
<i>Xuelei Chen</i>	
The Opportunities and Challenges of Network Political Communication in Chinese Politics Study	1445
<i>Yue-Sheng Zhu</i>	

Design and Implementation of an Integrated System of Mining GIS and AutoCAD.....	1450
<i>Li Cuiping, Sun Zhenming, Li Zhongxue, Zhang Lei</i>	
The Impact of Agricultural Extension on Technical Efficiency of Agricultural Production in China.....	1454
<i>Zongzhang Li, Dingan Li</i>	
Backplane Bus Controller Implementation In Fpga For Hard Real Time Control Systems.....	1459
<i>Gillani Ghayoor Abbas, Yian Zhu, Amjad Hafiz Muhammad, Ahmad Waqar, Jianfeng An</i>	
Study on Interest-driven Based Practical Teaching Model	1465
<i>Lingling Guo, Guowei Tang, Yu Fu</i>	
An Approach to Integrate Outdoor and Indoor Maps for Books Navigation on the Intelligent Mobile Device	1468
<i>Hui Li, Xiangyang Gong</i>	
Based on MATLAB Signals and Systems Course Project-driven Teaching Method Research	1474
<i>Baoru Han, Chunxia Zhang, Xuefeng Qin</i>	
Research on Electromagnetic Scattering Characteristics of Anti-radiation Missile.....	1478
<i>Jianbin Zou, Kai Gao, Eryang Zhang</i>	
The Application of a Risk Matrix Method on Campus Network System Risk Assessment	1482
<i>Sha Fu, Yezhi Xiao, Hangjun Zhou</i>	
Design and research on PTN Technology in Local Transport Network	1487
<i>Zhang Yong, Yang Jian-Li, Wu Cui-Xian</i>	
Perceived Importance of Confucianism Values on Education: An Empirical Study in Electronics and Information Technology Companies in Taiwan.....	1491
<i>Shu Lee, Yung-Heng Lee, Mei-Jane Chan</i>	
Empirical Study on Instructional Evaluation of Undergraduates' IS Major Courses- Based on Survey of Examination Styles	1496
<i>Ye Xuhong, Xu Ziyue</i>	
Applications of Creative Education to the Teaching in Computer Course in Universities and Colleges.....	1499
<i>Ren Yanma, Lv Suhong</i>	
Research on the Integrated Teaching Methods Apply to College Basketball Teaching.....	1504
<i>Bai Haizhen</i>	
The Sight Teleoperation System for Unmanned LHD Unit.....	1509
<i>Yuepin Lu, Li Liu, Weidong Luo, Chao Yang, Yu Meng</i>	
Analytical Study on Adjustment of Iron and Steel Industry Structure in China	1514
<i>Huabang Yang</i>	
Cultural Shifts in Teaching	1519
<i>Yun Kong</i>	
Culture in the U.S.A Public School Curriculum	1524
<i>Yun Kong</i>	
Digital Frequency(Sinusoidal) Synthesizer using CORDIC Algorithm	1529
<i>Anita Sharma, R. D. Daruwala</i>	
Research of Query Teaching Mode on Information Technology Courses	1533
<i>Feng Wang, Jiaofang Shi, Yong Wang</i>	
Application of Virtual Instrument Techonoly in Electric Courses Teaching	1537
<i>Chen Chun-Ling, Fu Li-Si, Xu Tong-Yu</i>	
Study on LogicSQL Database System in Security Problems.....	1540
<i>Xinqiang Ma, Yi Huang, Danning Li</i>	
On the Cultivation Approaches of Engineering and Technical Personnel's Innovation Ability.....	1545
<i>Zhang Jian Xiong</i>	
The Influence of Manager-Employee Salary Gap on the Performance - By the Data from Chinese Listed Companies	1548
<i>Lei Sun, Jinxiang Chang</i>	
Summary on Statistical Thinking Based on the Evolution of Western Statistics.....	1552
<i>Dou Xuejia</i>	
Practice Teaching Reform in Database Development Technology Based on CDIO	1556
<i>Zhang Hui</i>	
Discussion for Software technology studio in Occupational College	1559
<i>Xiaogang Jiang</i>	
An Internet-based Electrical Engineering Virtual Lab: Using Modelica for Unified Modeling	1563
<i>Zhengyin Shi, Shenglin Zhao, Shan-An Zhu</i>	
A Virtual Laboratory Architecture for Engineering Education	1568
<i>Shenglin Zhao, Zhengyin Shi, Shanan Zhu</i>	
Need to Implement the Communication Technology Law and Policy to Protect the Human Rights in Bangladesh: An Approach for Sustainable Development	1572
<i>Noor Mohammad</i>	
Research on the Interaction Between Sports Industry and Economic Society Development In China.....	1577
<i>Gong Yingying</i>	
A Method for Improving Segmentation of the Breast Region From Background in Digitized Mammograms	1580
<i>Sara Dehghani, Mashallah Abbasi Dezfooli</i>	
Face Recognition using Survival Exponential Entropy.....	1585
<i>Jin Bao, Mei Xie</i>	
Study of Aurora IP Nuclear Communication Module Based on FPGA.....	1589
<i>Derxiang Zhou, Liping Zheng</i>	

Henan Postsecondary Vocational Education: Problems, Analysis and Solutions.....	1592
Xinling Dai	
The Humane Care and Moral Education for College Students in Ethics Harmony	1595
Shaomei Wang, Xuehui Du	
Image Stabilization Based On BM-EMD.....	1599
Jia Liu, Caicheng Shi	
The Application of Tuxedo Middleware in the Banking System	1602
Yin Wen, He Jingsha	
A New Method Oriented to Postgraduate's Personal Knowledge Management.....	1606
Hai-Zhi Ye, Hong-Tao Hua, Xue-Yan Zhou	
Innovate Scientific Research Management Mechanism and Enhance Universities' Core Competitiveness	1610
Xiaohang Li	
Scientific Development Outlook in Universities' Scientific Research Management	1613
Xiaohang Li	
The Digital Technology's Influence on Journalism Practice	1616
Fangfang Tan, Longbao Mei	
Exploration of the Education Pattern and Realization Approach for Entrepreneurship in Newly-built Local Universities	1620
Zuo Jun	
A Permissions Management Model Based on RBAC	1624
Wang Cheng, An Jia-Hui	
Assistant Decision-making Support System of Forest Grass Fire Based on GIS	1627
Jia Yanping, Yang Hongye, Zhang Yuefeng, Wang Shuo	
Study of Non-coal Mine Disaster Monitoring and Early Warning System.....	1631
Yiqing Zhao, Xin Li, Zhongxue Li, Fengzhi Liu	
SINS Initial Alignment for Small Tilt and Large Azimuth Misalignment Angles	1636
Tasadduq Abbas, Zhang Yunyan, Li Yanjun	
Empirical Study of Multimedia Animation in Basketball Teaching of Chinese Universities	1641
Gong Yingying, Gong Ning	
Construction and Application of E-Learning Environment in Higher Schools	1644
Donghuai Gao, Xiajuan Shen, Yuwen Ning, Ying Zhang	
Communicative Language Teaching Obstacles and Strategies.....	1649
Zeng Xiaoshan	
The Applied Study of the Micro-teaching Model on Digital Micro-System - Taking the Teaching of the Martial Art as an Example	1652
Zhang Zheng-Min, Zhang Xiang	
ITSAS: An Approach Towards Adaptive Student Assessment.....	1657
Rabia Maqsood, Qaiser S. Durrani	
Analysis the Current Situation of College Computer Basic Courses and Teaching Countermeasures Study	1663
Ying Li, Hong Yan	
Several Problems and its Analysis in Discrete Mathematics	1667
Feng Zhihui, Ren Yanna, Weng Mei, Yu Hua	
Study on Online Learning Platform at SQL-based University Libraries	1670
Zhu Ye	
The Lexical Approach for Language Teaching Based on the Corpus Language Analysis	1673
Duan Guoxiang, Jia Linlin	
Practical Research on Talent Training Mode of "School-enterprise Integration" in Higher Vocational Colleges.....	1677
Quan-Jun Zheng, You-Rong Xiao, Chun-Guang Feng, Chen-Wang	
The Operation and Management of Corporate -Entity Companies Based upon Specialty Groups	1681
Quan-Ju N Zheng, You-Rong Xiao, Da-Shan Wang, Chen-Wang	
Theoretical Research on Talent Training Mode of "School-enterprise Integration" in Higher Vocational Colleges	1685
Quan-Ju N Zheng, You-Rong Xiao, Ying-Ying Guo, Chen-Wang	
On Discussion of Equivalent Earth's Radius	1689
Wunong Xu, Shaofeng Bian, Yongbing Chen, Wenkui Li	
Study on the Role of Cultural Context in Verbal Humor Understanding	1693
Wang Xiaoli, Wang Xinguo	
Analysis and Strategies of Present-Day China's English Education	1698
Chen Ying, Ding Lulu	
Research on Foreign Trade SOHO Business Training Bases of Vocational and Technical College.....	1702
Guoying Li	
Research on Grey Forecast the Results of Men's 100ms of the Olympic Games by GM (1,1) Model Combining C Language Programming	1706
Zhang Zheng-Min, Zhang Xiang	
A study of the Classified teaching of "Fundamentals of Information Technology"Course based on Computational Thinking	1710
Wang Chun-Hong, Wang Qiao-Ling	
An Research of Automatic Drawing with Grapher base on ActiveX Technology	1713
Honglin Ma, Lei Yan, Ting Wang	
Internal Learning and Technological Innovation in Private-Owned Industrial.....	1716
Sheng Wang, Dong-Mei Wu	

The Integration of B2B and B2C E-Commerce Mode	1720
<i>Song Le, Yi Yan</i>	
An Experimental Study on Situational Training Exercise in Intercultural Communication Teaching Competence	1723
<i>Song Lin, Haiyan Wang</i>	
Using Residue Number Systems for Improving QoS and Error Detection & Correction in Wireless Sensor Networks	1727
<i>M. Roshanzadeh, A. Ghaffari, S. Saqaeeyan</i>	
An Efficient t-times Proxy Ring Signature Scheme with Revocable Anonymity	1732
<i>Jianhong Zhang, Hua Chen</i>	
Construction and Analysis of Simulation System Model of Fresh Raw Agricultural Product Supply Chain - A Case Study of Gannan Navel Orange	1737
<i>Xiaojing Jia</i>	
ID-Based and Threshold Security Scheme for ad hoc Network	1742
<i>Shubat S. Ahmeda</i>	
A New Wavelet Transform Video Compression Algorithm	1748
<i>Zhang Shu, Meng Lei</i>	
Non-Subsampled Contourlet Texture Image Retrieval System Utilizing Three Features	1752
<i>Zhan-Qing Ma, Xin-Wu Chen</i>	
Heuristic Protection Algorithm in Multicast Multi-Domain Optical Networks	1756
<i>Lei Guo, Xue Zhang, Baozeng Han, Jingjing Wu, Weigang Hou, Ying Li</i>	
FPGA Implementation of Real-time Ethernet Communication Using RMII Interface	1761
<i>Nima Moghaddami Khalilzad, Farahnaz Yekeh, Lars Asplund, Mostafa Pordel</i>	
Use of Convolution Coding for Improving SER Performance of OFDM System	1766
<i>Tariq Adnan, Ammara Masood</i>	
Multi-hop Sleep MAC Protocols for Wireless Mesh Sensor Network based on Effective Listen Time.	1770
<i>Fan Jing, Hao Junfeng, Fan Qiang</i>	
Cross Layer Multicasting Protocol in Ad Hoc Networks	1775
<i>Xianglong Wu, Yewen Cao</i>	
A Survey on WiMAX-3G Interworking	1780
<i>Sandeep Singh Sengar, Neeraj Tyagi, Akhilendra Pratap Singh</i>	
Novel Modified Energy Detection Spectrum Sensing Technique for FM Wireless Microphone Signals	1785
<i>Salwa Elramly, Fatma Newagy, Hatem Yousry, Ayman Elezabi</i>	
Accelerating Sketch-based Network Flow Processing using Graphics Processing Unit	1790
<i>Theophilus Welllem, Yu-Kuen Lai, Wen-Yaw Chung</i>	
Advanced Client-service Compatibility Assessment via Analysis of References to Service-side FSMs	1795
<i>Aurelio Akira Mello Matsui, Hitoshi Aida</i>	
An Energy-aware High Network Lifetime Routing Protocol for Mobile Ad hoc Network	1804
<i>Heknat Mohamandzadeh, Shahram Jamali, Shapour Joudi Begdillo, Davar Kheirandish</i>	
TafreshGrid: Grid Computing in Tafresh University	1809
<i>Maryam Asgari, Mohammad Shahverdy, Farshid Pirahansiah, Zahra Mahdavi</i>	
Review the use of Improved Scheduling PSO Algorithm in Grid Computing	1812
<i>Mohammad Shahverdy, Alireza Mirzaei, Zahra Mahdavi, Maryam Asgari, Amir Hosein Mahdavi</i>	
An Improved two-party Password Authenticated Key Exchange Protocol without Server's Public Key	1816
<i>Maryam Saeed, Hadi Shahriar Shahhosseini, Ali Mackvandi</i>	
Fair Early Drop for the Fair Treatment of Short-lived Flows	1822
<i>Ghadah Abdullah Aldabbagh, Miguel Rio</i>	
An Expert System for the Best Formula on Ceramic Raw Materials	1829
<i>Yun Yang, Hongli Yang</i>	
A Three Steps Admission Control Method for Cognitive Radio Based on UWB Control transmission	1833
<i>Ines Aissa, Mounir Frakha, Sami Tabbane</i>	
New Mechanism to Confront Injection Attacks	1838
<i>Hossein Dolatabadi, Mahdi Negahi Shirazi, Maryamsadat Hejazi</i>	
A New Method of Cycle Slip Resolution	1842
<i>Liu Zhen-Kun, Dai Qiang</i>	
Significance of Reserve Based Routing Approach in MANETs	1846
<i>E. Rama Krishna, G. Rajesh Kumar, N. Rambabu</i>	
The Information Security Risk Assessment based on AHP and Fuzzy Comprehensive Evaluation	1850
<i>Sha Fu, Hangjun Zhou</i>	
Most Efficiently Allocating Resources in IT Change Management	1855
<i>Zhang Shuai, Zhan Zhiqiang</i>	
The Design and Implement of Embedded M2M Smart Home System	1860
<i>Xiang Yang, Hui-Hong Wang</i>	
Optimal Clustering for Wireless Sensor Networks using Intermediate Nodes	1864
<i>Pham Tran Anh Quang, Nguyen Quoc Dinh, Jin-Sik Yun, Dong-Sung Kim</i>	
A New Parallel Suffix Tree Construction Algorithm	1869
<i>Bing Zhang, Zhenglin Huang</i>	
An Efficient Algorithm to Create a Loop Free Backup Routing Table	1874
<i>Radwan S. Abujassar, Mohammed Ghanbari</i>	
A New Cryptography Scheme for Selective Broadcasting	1879
<i>Dang Nguyen, Louise Lamont</i>	

Research on Public-Key Digital Watermarking System	1884
<i>Qingmei Wang, Fengyan Sun, Fengyu Liu</i>	
A Causality Based Dynamic Message Ordering for DVEs on Wide Area Network	1889
<i>Hangjun Zhou, Sha Fu</i>	
A New Distributed Caching Replacement Strategy	1893
<i>Bing Zhang, Hao Wu</i>	
Impact Analysis of Availability on Computer Networks Infrastructure	1897
<i>Almir P. Guimaraes, Paulo R. M. Maciel, Rubens De S. Matos, Kadna Camboim</i>	
An Approach to Automatic Semantic Analysis of Web Query Interfaces	1902
<i>Honghao Liang, Zhiqing Shao, Xiaoxing Sun</i>	
Efficient Time Synchronization of 1588v2 Technology in Packet Network	1907
<i>Lu Xie, Yuanming Wu, Jinwei Wang</i>	
Periodic Data Transmission for Industrial Wireless Sensor Networks	1912
<i>Nguyen Quoc Dinh, Kyoung-Sub Song, Pham Tran Anh Quang, Dong-Sung Kim</i>	
Green Energy Message Specification of Control Network for Hybrid Power Plants	1917
<i>Eung-Soo Lee, Jae-Hyung Lee, Soo-Ro Kim, Dong-Sung Kim</i>	
Mobility Support in Multi-Path TCP	1921
<i>Yonghao Sun, Yong Cui, Wendong Wang, Tianze Ma, Yuri Ismailov, Xin Zheng</i>	
An Automatic Dial Testing System for Mobile Services	1926
<i>Xianhui Yang, Wendong Wang, Zhiyong Liu</i>	
A New Method for Estimating Building Dominant Directions in LiDAR Data Based on Straight Skeleton	1931
<i>Li Yunfan, Ma Hongchao</i>	
An Original Algorithm for Space - Time Localization in Wireless Sensor Networks	1935
<i>Ustijana R. Shikoska, Dancho Davchev, Ilinka Ivanoska, Jordan Shikoski</i>	
Wireless Sensor Network Node Localization Algorithm based on Adjacent Node Relationship	1941
<i>Chen Sibo, Lin Zhiwei, Huang Hong</i>	
The Design of the Wireless Access Bridge Based on the Embedded System	1945
<i>Xiang Chen</i>	
Clutter based Enhance Error Rate Table (CERT) for Error Correction in Location Estimation of Mobile Nodes	1950
<i>Patrice Boursier, M. Shahrulniza, M. S. Mazlham, A. Muhammad</i>	
Design and Implementation of BPEL Engine Supporting Converged Service	1955
<i>Zou Hua, Miao Xiaoxuan</i>	
An Algorithm on the Minimal Eigenvalue of an M-matrix with Centrosymmetric Structure	1961
<i>Di Zhao, Hongyi Li</i>	
An Algorithm on the Spectral Radius of Nonnegative Matrices with Generalized Kcentrosymmetric Structure	1965
<i>Di Zhao, Hongyi Li</i>	
Improved One-Pass IMS Authentication in UMTS	1970
<i>Gaurav Sharma, Amarsinh Vidhate, Satish Devane</i>	
Using Residue Number System for Edge Detection in Digital Images Processing	1975
<i>Davar Kheirandish Taleshmekaeil, Hekmat Mohamamdzadeh, Alireza Mousavi</i>	
Privacy Preserving Research Based on Association Rule Algorithm	1980
<i>Wei Zheng, Qingshui Li</i>	
Design of a Dynamic Scheduling Engine of Grid Workflow	1984
<i>Li Xiang-Ning, Yang Guang-Ping, Gu Lin-Ying</i>	
A Research on Technique of Linear Networking Based on Zigbee Wireless Sensor Network	1989
<i>Shao-Hua Chen, Zi-Wei Zheng, Zhong-Gao Sun, Qing-Hua Wu</i>	
Study of the Theory of Multiple Intelligences on Fundamental Computer Education	1993
<i>Kun Liu, Yuhua Ni, Hui He</i>	
Localized Approach to Distributed QoS Routing with a Bandwidth Guarantee	1997
<i>Fahd M. Aldosari, Michael E. Woodward</i>	
Research on the Image Data System used in Printing Quality Inspection	2003
<i>Mingqi Li</i>	
A Decoding Algorithm of 3GPP MBMS Raptor Codes	2006
<i>Dongxin Shi, Wenhui Zhang, Zhanxin Yang</i>	
Secure Authenticated Key Agreement Protocol for WMEN Based on Protocol Composition Logic	2010
<i>Tao Feng, Yangfan Yi, Jianfeng Ma</i>	
Mapping Method of SCL and CIM Model Based on the Semantic Network of Knowledge Representation	2015
<i>Yu Song, Qian Wang, De Wen Wang</i>	
Wavelet Packet Entropy Based Spectrum Sensing in Cognitive Radio	2019
<i>Zi-Long Jiang, Qin-Yu Zhang, Ye Wang, Xue-Quan Shang</i>	
The Study on Multi-path DSDV in Ad Hoc	2025
<i>Jun Ma</i>	
The Research Based on IEC61850 Intelligent Terminal of Substation	2030
<i>Zhang Shujian, Sun Ming, Ge Gaofei</i>	
Cryptanalysis of SIP Secure and Efficient Authentication Scheme	2034
<i>Mohit Kumar Gokhroo, C. D. Jaidhar, Anurag Singh Tomar</i>	
Energy Saving by Automatic Control of Power in Simple Home Appliances	2037
<i>Kazi Mahtab Kadir, Saleh Forhad, Mahran Muhammad Fadlullah, Niamul Quader, Masudur Rahman</i>	
Review of Network Intrusion Detection	2042
<i>Xue Yan</i>	

Design and Implementation of Auto-Monitoring System for Wireless Network	2045
<i>He Guangdong, An Lei, Guo Hao</i>	
Spectral Modular Arithmetic for Binary Extension Fields	2049
<i>Gokay Saldamli, Cetin Kaya Koc, Yoo-Jin Baek</i>	
Analyzing Reputation Concept in Privacy-Invasive Software	2055
<i>Wei Wei, Huijuan Lu, Yan Hu, Weihui Zhang</i>	
Web service-based E-Government Public Service Channels Workflow Integration and Simulation	2059
<i>Li Ping</i>	
SELinux IN and OUT	2065
<i>Kashif Ahmad Khan, Muhammad Amin, Abbas Khan Afridi, Waqas Shehzad</i>	
Multi channel Assignment based on Channel Separation for Wireless Mesh Network	2070
<i>Hao Zimian, Yang Wenzhong</i>	
Comprehensive Analysis of the Great Interests of Internet TV Development	2075
<i>Cheng Yinghui</i>	
Interactive Platform Of Project-Teaching Based on AJAX	2078
<i>Jun Ou, Yun-Pei, Xiao-Bo Bai, Qing-Xiu Wu</i>	
A Comparative Study of Scheduling Algorithms for OFDMA-based WiMAX Networks	2081
<i>Ronak Farhadi, Vahid Tabataba Vakili, Shahriar Shirvani Moghadam</i>	
Assigning a Single Figure of Merit (SFOM) to a Specified Path in a LTE Network	2086
<i>Mirza Wajahat Baig, P. J. Radcliffe</i>	
Bandwidth Enhancement of a Wide Slot UWB Antenna with a Notch Band Characteristic	2091
<i>Henan Wang, Yingsong Li</i>	
Granular Computing Ranking Method based Multi-objective Genetic Algorithm	2095
<i>Yan Gao-Wei, Chen Ze-Hua, Gang Xie</i>	
Second-order System's Velocity Feedback Gain Control Based on PID Variable Damping Ratio Controller	2100
<i>Tao Zheng</i>	
Research on Capture Performance of CDMA2000 Reverse Link	2105
<i>Bo Xu, Yueke Wang, Li Chen, Qin Peng</i>	
IM Model of Transmission of the Virus Structure on the Scale-free Network	2110
<i>Wang Zongjiang</i>	
Cellular Automata Based User Authentication Scheme Using Identity-bits Commitment for Wireless Sensor Network	2114
<i>Norziana Jamil, Ramlan Mahmood</i>	
Distributed Variable Chunk Based Switching in Peer to Peer Network	2118
<i>Shambhuraj Deshmukh, Amit Chougule</i>	
Evaluation System Based on Dynamic Weighted Averaging Algorithm and Its Application in WebGIS	2122
<i>La Lei, Guo Qiao, Yang Dequan, Cao Qimin</i>	
Applying a New Functional Model to Improve the Security of Biometric Systems	2127
<i>Ahmad A. Hassan, Ahmad M. Bhram, Ahmad A. Saleh</i>	
The Performance Study of ZigBee Mesh Network	2133
<i>Tao Weiye, Zeng Jieqiong</i>	
A Novel Doppler Shift Estimation via Optimum Bandwidth Filtering in HF/VHF Communications	2136
<i>Liping Wu, Zan Li, Jiandong Li</i>	
Redundant Feature Selection Based on Hybrid GA and BPSO	2140
<i>Su-Fen Chen</i>	
Information Research of Remote Pulse Diagnose Based on Virtual Technology	2145
<i>Xian Zhou, Yi Zhao, Yanling Zhou, Fei Li</i>	
Hierarchical Mobile IPv6 based Architecture for Heterogeneous Wireless Networks Interworking	2148
<i>Sarra Benoubira, Mounir Frikha, Sami Tabbane</i>	
Solving the Two Simple Multicast Network Coding Problem in Time O(E)	2153
<i>Wentu Song, Kai Cai, Rongquan Feng, Wang Rui</i>	
Self Organizing Approach in Peer-to-Peer Systems	2158
<i>Ajit Kumar Tapse, Nahar Singh</i>	
Improve TCP Performance over Mobile Ad Hoc Network by Retransmission Timeout Adjustment	2163
<i>Mohammad Amin Kheirandish Fard, Kamalruhnizam Abu Bakar</i>	
A Design Simplified of Anaerobic Digestion Mathematic Model	2168
<i>Shuangchun Yang, Yi Pan</i>	
Development of the Oil Pipe Company Vehicles Management Information System Based on B/S	2171
<i>Shuangchun Yang, Yi Pan</i>	
Spatio-temporal Visualization System of News Events Based on GIS	2174
<i>Bo Ai, Xinming Tang, Peng Sang, Alimu Nadila</i>	
Performance Comparison of Multiple Description Coding and Scalable Video Coding	2178
<i>Fenta Adnew Mogus</i>	
An Exponential Mixture Models for Noise Reduction in Clustering	2183
<i>Dehao Ren, Wenzao Li</i>	
Multivariable Decoupling Flow Control System	2188
<i>Dong-Yun Luo</i>	
A Freshness Guarantee Scheme in Outsourced Data Storage Service	2191
<i>Dai Jia-Zhu, Jiang Chao, Liu Hong-Xia</i>	

A Series-Shunt Symmetric Switch Makes Transmit-Receive Antennas Reconfigurable in Multipath Channels	2194
Zhiyong Guo, Guangjun Li, Maogen Luo, Letian Huang	
Locate the Household Network Structure Influence on Disease Spreading	2198
Hong Luo, Bai-Lian Li	
Lifetime Improvement of Wireless Sensor Network	2201
M. A. Matin, Nafees Rahman	
A Method of Driving Fatigue Detection Based on Eye Location	2206
Liling Li, Mei Xie, Huazhi Dong	
Implementation of Data Transfer and Synchronous Pulse Operation for ARINC 659	2211
Amjad Hafiz Muhammad, Xiaoya Fan, Gillani Ghayoor Abbas, Ahmad Waqar, Jianfeng An	
Intrusion Detection System with the Data Mining Technologies	2216
Wang Pu, Wang Jun-Qing	
Battery State of Charge Estimation for Electric Vehicle Based on Neural Network	2219
Liu Rui-Hao, Sun Yu-Kun, Ji Xiao-Fu	
The Application of SQL-based Corporate Personnel Management System	2223
Zhu Ye	
How Many Entries We Need in Miss Handling Architectures of L1 and L2 Cache?	2227
De-Feng Liu, Lun-Guo Xie, Guo-Teng Pan, Bin Liu	
Understanding How Memory-Level Parallelism Affects the Processors Performance	2231
De-Feng Liu, Guo-Teng Pan, Lun-Guo Xie	
Research and Implementation on Web Service Registry Center of Precision Agriculture on SOA-based	2235
Xu Liyuan, Chen Liping, Chen Tianan, Gao Yunbing	
The Research of Environmental Pollution Examination System based on the Cloud Computing	2240
Yin Zhengtong, Zheng Wenfeng	
e-NFIS: Efficient Negative Frequent Itemsets Mining only based on Positive Ones	2243
Xiangjun Dong, Liang Ma, Xiqing Han	
An Ordering-based Approach to the Evaluation of Trust Systems	2246
Wei Liu, Yang-Bin Tang, Huai-Min Wang, Gang Lu	
An Algorithm of Monocular Vision for Spatial Position Based on the Mirror Image	2251
Zhen Yang, Fang Wang, Bo Zhou, Junjian Lian	
Social Harmony Assessment and Tendency Forecasting in JiangXi Province	2255
Xiao-Hong Li	
Design and Implementation of IPv6 Tunnel Deployed in In-vehicle Network	2259
Dong Chen, Da Wei, Liangdong Qu, Haixu Zhao, Tong Sun	
Study on the Wavelet Image Coding Algorithm	2263
Xiang Wang, Xu Wu	
A New Dynamic Contract Net Protocol	2268
Rui Zhang	
Research on Multi-energy Power Train Control System in Hybrid Electric Vehicles	2272
Gu Yu	
Study of Air Conditioning Remote Control Based on Embedded System	2276
Haicun Du	
Research on Application of Digital Library based on Association Rules	2280
Dianjun Xu, Min Sui	
Data Storage in Digital Library using Multi-Storage Technology	2284
Yazhong Ren	
Research on Geographic Information Services using Digital Earth Platform	2288
Yan Li	
A Kind of Dichotomy Model Evaluation Method Based on Weighted Comprehensive Indexes	2292
Zhao Ni, Li Xun	
Multi-Objective Aerodynamic and Stealthy Performance Optimization for Airfoil Using Kriging Surrogate Model	2295
Yanping Liao, Li Liu, Teng Long	
PID Control of Inverted Pendulum Using Particle Swarm Optimization (PSO)Algorithm	2301
Mohamad Reza Dastranj, Mahboubeh Moghaddas, Saeede S. Haban Afghu, Mojtaba Rouhani	
Using FOM Predicting Method for Scheduling on Chip Multi-Processor	2305
Gangyong Jia, Wei Sheng, Wenbo Dai, Xi Li	
Multi-objective Optimization Model of Highway Alignment	2311
Yang Hong-Zhi, Zhao Li-Ping, Xu Jin-Liang	
Solving 0-1 Knapsack Problem Using Genetic Algorithms	2317
Rattan Preet Singh	
Verifying Scheduling Point Constraints with Model Checking	2322
Wei Sheng, Gangyong Jia, Li Xi, Xuehai Zhou	
A Component Based Architecture to Improve Testability,Targeted FPGA-Based Vision Systems	2327
Mostafa Pordel, Nima Moghaddami Khalilzad, Farahnaz Yekeh, Lars Asplund	
Representation a New Filter to Improve Iris Segmentation in Identity Recognition Systems	2332
Raziyeh Moradi, Ali Reza Malahzadeh, Hamid Dehghani, Ali Rafiee	
Construction of Point Cloud by Slice-Adaptive Thresholding of Computer Tomography (CT) Images at The Human Knee Joint	2336
Ahmed M. Farag El Sheikh, Ahmed H. M. El Sherif, Waled I. Hussien	

Requirement Model of Equipment Supporting System Supported by Space Information	2341
<i>Han-Feng Zhang, Yu Lu, Li-Yun Chen</i>	
AMESim Used in Dynamics Simulation on Hydraulic Milling Machine	2346
<i>Hairong Gu, Chongyu Xiao, Yimin Liu, Fuchun Wang</i>	
Computational Simulation for the Interaction of Pile and Soil Nail in Foundation	2350
<i>Dun-Hua Lu, Xin Xiong</i>	
Parameter Optimization of Complicated Bridges with the Method of GA-BP	2355
<i>Xiao-Jun Ning, Qiang Zhao</i>	
Structural Modeling, Analysis and Optimization Method Comparison for Spacecraft Design	2358
<i>Ingrid Pina, Kuai Yu, Hai Huang</i>	
A Comparative Study on China with Occident Management Case Teaching Performance	2363
<i>Ming Zhou, Jun Zhuo, Jiajhen Xiao</i>	
Optimization of Polysaccharides Extraction from Fructus Tribuli by Response Surface Methodology	2367
<i>Shu Guo-Wei , Wang Chang-Feng, Chen He, Wang Jun-Li</i>	
Summarization on Solid Rocket Motor Ignition Transient Fluid-Structure Interaction.....	2371
<i>Qi Cao, Jinxian Li, Xiaona Li</i>	
Simulation and Parameter Optimization of PCV in Shift Hydraulic System	2376
<i>Tao Zhang, Gang Tao, Huiyan Chen</i>	
An Effective Control Scheme to Ensure Real-time Causal Order in Large-scale Distributed Interactive Simulations	2381
<i>Hangjun Zhou, Sha Fu</i>	
Event Graph Model and Its Properties - A Method of Mining Trends in Text Streams	2386
<i>Chengli Zhao, Xue Zhang</i>	
Temperature Fields in the Silica Substrate Induced by the Scattering of Laser Interaction with a Spherical Microparticle.....	2389
<i>C. Y. Ho, M. Y. Wen</i>	
Artificial Immune Algorithm to Function Optimization Problems	2393
<i>Jing Zhang</i>	
Highway Safety Operations Model Based on Internet of Things.....	2397
<i>Guoshun Lin, Yan Chen, Yong Qu</i>	
ANN Observer for On-Line Estimation of Synchronous Generator Dynamic Parameters.....	2400
<i>A. Shafighi, H. Chahkandi Nejad, R. Jahani, M. Fazli, H. A. Shayanfar</i>	
Numerical Analysis on The Model of Periodic Maintenance Policy for Component with Latent Fault	2404
<i>Peng Bo, Jin Xing, Wu Sai-Hu, Lu Hai</i>	
Research on 3PL Choosing Based on Fuzzy Matter-Element.....	2407
<i>Xu He</i>	
Emergency Logistics Network Node Location Problem Based on Exact-gravity Method.....	2411
<i>Lu Lin</i>	
Research on Logistics Service Quality Management Based on LSQ Model.....	2414
<i>Lu Lin</i>	
An Empirical Study of Customer Loyalty of the China CITIC Bank Credit Card - Based on Ningbo Market Diagnosis.....	2417
<i>Xu Dayou, Sun Yongju</i>	
The Thinking of Guiding the Internalization of Environment Cost in Coal-Fired Power Enterprises.....	2421
<i>Zehong Li</i>	
Geometric Error Analysis on OLED Units' Three-dimensional Microstructure in Ink-jet Printing Process.....	2425
<i>Yiyong Yao, Liping Zhao</i>	
Statistical Prediction Modeling for Software Development Process Performance	2429
<i>Yan Hao, Yu-Feng Zhang</i>	
Application of System Theory in the Calculation of Groundwater Resources Availability in Balasu Water Source	2433
<i>Song Yanxun, Wu Jianhua, Li Peiyue</i>	
Applications of MODFLOW in Quantitative Analysis Coal Seam Floor Water Inrush Condition	2437
<i>Tian Gan, Zhao Chunhu</i>	
The Method of Generative Design in New Chinese Furniture	2441
<i>Zou Weihua</i>	
Partner Evaluation in Virtual Logistics Alliance Based on Cloud Gravity Center	2445
<i>He Xu</i>	
Simulation and Analysis on the Drag Acceleration Characteristic of Rigid Projectiles into Ductile Metallic Plates	2449
<i>Wen-Zheng Xu, Jing-Yu Wang, Xiao-Dong Li, Hao Huang</i>	
Research on Fuzzy Evaluation of Teaching Practice Based on AHP - An Example of Evaluating Curriculum Design Performance in Computer Major	2454
<i>Shewei Wang, Min Song</i>	
Simulation Research of High-speed Pill to Damage Close Missile's Fuel Cabin with Full Fuel	2458
<i>Maohua Du, Weili Wang, Mingzhang Lu, Dongcheng Yang</i>	
Multiple Attribute Decision Making Application of Ordered Weighted Geometric Averaging Operator in Project Evaluation.....	2463
<i>Jingyu Liu</i>	
Outsourcing Software Testing Activities: A Case study for Eastern Ocean Solutions (EOS) – CHINA.....	2468
<i>Ahmedin Mohammed Ahmed, Weihua Zhu</i>	

The Research of Layout and Professional Size About Master Colleges of Physical Education	2471
<i>Zhu Cheng</i>	
Study on the Influence of Voice on Listening Comprehension.....	2475
<i>Xiaohua Zhu</i>	
Study of Online Multi-media Learning Environment Design	2480
<i>Luman Cao</i>	
The Modern Exercise Training Theory and Practice Research.....	2484
<i>Zhaohui Li</i>	
Research on Sports Team training Management based on Gray System Theory	2488
<i>Lifu Zhan</i>	
Research on Evaluation System on University Sports Team Management.....	2492
<i>Lin Shen</i>	
Study of Digital Arts in College Art Education Curriculum Resources	2496
<i>Liyan Gao</i>	
A Reputation Model of Web Services.....	2500
<i>Chang Guofeng</i>	
A Relevance Feedback Retrieval System Based on Indri Toolkit.....	2503
<i>Chun-Bo Liu, Yan Li, Wei-Ran Xu, Si Li, Jun Guo</i>	
The Research of New Type Emergency Rescue Communication System in Mine Based on Wi-Fi Technology	2507
<i>Jin Xu, Shuguang Duan, Min Li</i>	
Research of an Improved Packet Loss Compensation Algorithm in VoIP	2511
<i>Jin Xu, Chenglong Zhang</i>	
Inter-Link Multi-User MIMO Channel Capacity and the Effects of Clusters.....	2515
<i>Oghenemero Gordon, Zheng Dou, Alvaro Palacios Morales, Sanjeeb Shrestha</i>	
A High Effective Papilionaceous Automata to Match Multiple Counting Constraint Pattern	2520
<i>Zhao Rong-Cai, Zhang Shuo, Liu Peng, Zhou Li</i>	
Noise Removal Using Cohen–Grossberg Neural Network for Improving the Quality of the Decrypted Image in Color Encryption	2524
<i>Yanling Liu, Wansheng Tang, Jianxiong Zhang</i>	
Lognormal Error Function balanced Multiwavelets Transform Blind Equalization Algorithm.....	2529
<i>Juan-Juan Ji, Lan-Fang Zhang, Fang-Sheng Wu, Ye-Cai Guo</i>	
Automatic Testing Framework for Internet Applications	2534
<i>Zhou Xiangyun, Li Wenjing</i>	
Improved Method for Nose Classification	2537
<i>Mehdi Louizi, Mohamed Mohsen Gammoudi</i>	
A Novel Improved Sampling Algorithm	2542
<i>Zhiying Tan, Yong Feng</i>	
Fault Diagnosis About Aviation-Engine Based on Information Integrating	2546
<i>Yilun Han</i>	
A Dynamic Comprehensive Web Service For Content Management.....	2550
<i>Yong Ren</i>	
The Research and Application of Web-Application Based Workflow Engine	2554
<i>Yujie Wang, Yu Zhang</i>	
Software Process Discovery Using Link Analysis	2559
<i>Beichen Duan, Beijun Shen</i>	
Eye Detection and Tracking in Images with using Bag of Pixels	2563
<i>Mohammad Ali Azimi Kashani, Mahdi Mollaei Arani, Mohammad Reza Ramezanpour Fini</i>	
Manifold Based Kernel Optimization for KPCA.....	2568
<i>Li Zeng, Bin Chen, Liping Du, Kejia Xu</i>	
Research and Improvement of Collision Detection Based on Oriented Bounding Box in Physics Engine	2572
<i>Yanchun Shen, Xingyi Sun</i>	
Access Control in A Cooperative Editing System	2576
<i>Yong Ren</i>	
ParaParse: A Parallel Method for XML Parsing	2580
<i>Rongxin Chen, Husheng Liao</i>	
Irrationality in Automobile Insurance Classification.....	2585
<i>Dongwei Xu</i>	
Research of Embedded Software Testing Method Based on AADL Modes	2588
<i>Xiao-Li Lu, Yun-Wei Dong, Hong-Bin Zhao</i>	
Study on the Location of Logistics Park with AHP-Fuzzy Comprehensive Evaluation.....	2592
<i>Dai Hang, Yuan Ziwen</i>	
Study on Terminal Logistics Park Development Mode	2596
<i>Dai Hang, Yuan Ziwen</i>	
The Research of Spacial Beam Focusing in Near-field From a Plane Array based on Amplitude Weighting	2600
<i>Changqing Luo, Lanxiang Zhong</i>	
A Universal Analytic Potential Function Applied to Diatomic Molecules	2604
<i>Yu Changfeng, Wang Zhiwei</i>	
Support Vector Machine for Arrhythmia Discrimination with TCI Feature Selection	2610
<i>Chunyun Zhang, Jie Zhao, Jie Tian, Fei Li, Huilin Jia</i>	

A Flexible Visualization Tool for Interaction	2615
Liangliang Xu, Fei Zhu, Wengu Shao	
The System Research and Implementation of Dynamic Voltage Restorer	2619
Su-Ping Pei, Yu-Guo Chen	
L_2Disturbance Attenuation Control for Path Following of AUV in 3D	2625
Lu Wang, He-Ming Jia, Li-Jun Zhang, Li-Xin Yang, Hong-Bin Wang	
Using CEBM to Save Power of Sensor Nodes in Wireless Network of Test and Control for Grain.....	2629
Jianhua Han, Wenfa Zhan, Jikui Wen, Jian Zhou	
Research on Data Acquisition and Database-Building Technology Based on Highend CNC Machine Tool	2634
Xu Xiaoli, Ren Bin	
An Approach to Dynamic Hand Gesture Modeling and Real-time Extraction.....	2638
Hong-Xiang Duan, Qiu-Yu Zhang, Wei Ma	
Computer Network Security of University and Preventive Strategy	2642
Jinhua Wang, Xiaodong Liu	
Research and Implementation of Cross-platform Development of Mobile Widget.....	2645
Bin Zhang , Tian-Gang Xu, Wei Wang, Xia Jia	
UI Transformer: an UIDL for smart mobile devices	2650
Yaming Li, Qingyi Hua, Ni Wang, Cui Guo, Xiaodong Qi, Hongan Pan	
A New Hybrid Artificial Bee Colony Algorithm for the Traveling Salesman Problem	2654
Xiaoxia Zhang, Xiaoyan Yun, Qiuying Bai	
The Research of Hibernate Cache Technique and Application of EhCache Component.....	2659
Wang Jing, Rui Fan	
Design and Realization of Computer Network Security Perception Control System.....	2662
Zhihu Wang	
On the Partition of Classes for Specific Class Extraction from Remote Sensing Imagery	2666
Shukui Bo, Yongju Jing	
Prediction of Grain Yield Based on Spiking Neural Networks Model	2670
Lin Yang, Teng Zhongjian	
AHP Study on Energy Indicators System for Sustainable Development of Henan Province	2674
Wei Ran	
An Asymmetric Watermarking Scheme for Relational Database	2679
Li Min, Guo Jie, Zhao Wenyue	
Research on Coal Mine Rescue Communication System.....	2684
Jin Xu, Li Tang	
Remote Control of Model Car by using Mobile Technology	2687
Wen Qu, Ting Zhu	
A Hybrid Hard Thresholding Algorithm for Compressed Sensing	2691
Fengmin Xu, Shanhe Wang, Zongben Xu	
Research of high-speed Wireless Transmission System Under Mine	2696
Jin Xu, Min Li, Shuqiang Duan, Zhuo Liu	
A Weighted Frequent Itemsets Incremental Updating Algorithm Base On Hash Table	2700
Zi-Guo Huai, Ming-He Huang	
Research and Practice of Structuring Data Archiving in Digital Campus	2704
Cui Jin, Naijia Liu, Li Qi	
The Construction of the Network Storage System in the Data Centers of Colleges and Universities	2707
Feng Yuan	
Multi-view 3D Sense Retrieval Approach Based on Dynamic Bayesian Networks	2711
Qinkun Xiao, Hu Xiaoxia, Song Gao	
A TinyOS Scheduling Strategy and its Implementation	2715
Tao Lei, Xiang-Mo Zhao, Fei Hui	
The Radiation Property of Composite Right/left Hand Transmission Line	2719
Wang Suling, Wang Guodong, Wang Yunjian, Gan Yating	
Reuse-Oriented Two Phases Development Methodology for Simulation Model.....	2722
Qiang He, Yong Peng	
An Integrative Approach for Semantic Material Domain Data Sharing	2727
Yacouba Goita, Chongchong Zhao	
Performance Analysis in Wireless Network Coding: An Approach Based on Service Curve Model.....	2732
Huanzhong Li, Quanyou Feng, Gang Han, Wenhua Dou	
Efficient RFID Authentication Scheme with High Security	2737
Shuai Shao, Guoai Xu, Yanfei Liu	
Web Page Classification based on Semi-supervised Naïve Bayesian EM Algorithm	2741
Wang Zhiping, Chen Shaohong	
Research on File Synchronization Backup System Based on Security Policy	2745
Dongming Chen, Xiaodong Chen, Zhenhua Tan, Yu Lu, Jing Wang	
Parallelization of Simulation Engine for BOM Component on Multi-core	2749
He Qiang, Peng Yong, Zhang Ming-Xin, Gong Jian-Xing	
Automatic Transformation Technology from AADL Model to UML Model.....	2754
Li Qiuyan, Tian Jie, Pei Qiuhong, Wu Ji, Liu Chao	
Volumetric Image Compression of Multifocal Multiphoton Microscopy Imaging Data	2758
Ruirong Wang, Feng He	

Logistic Unified Information System Warehousing Module Design Based on Internet of Things	2762
<i>Ying Wei</i>	
Identifying Composite Refactorings with A Scripting Language	2766
<i>Jin Huang, Federico Carminati, Latchezar Betev, Cinzia Luzzi, Yansheng Lu, Daicui Zhou</i>	
Research and Simulation of HARQ Protocol in TEDS Wireless Communication System	2771
<i>Juexiao Zhong, Christophe Molko, Philippe Mege</i>	
Data Mining with Inference Networks	2775
<i>Vital Delmas Mabonzo, Zhang Weishi</i>	
Design Of Communication System For Multiterminal Travelling Wave Fault Location Scheme In Distribution Network Based On GPRS Network.....	2780
<i>Jian Li, Yu-Lin Qi</i>	
Application of Grey System Theory in Analysis the Development Trend of Ecological Province of Shandong Buliding Talents.....	2784
<i>Jingkuan Sun, Zhaohua Lu, Jiayi Tian, Feng Li</i>	
Study on Torque Vectoring Differential for Vehicle Stability Control via Hardware-in-loop Simulation	2788
<i>Lifu Li, Zhan Wu</i>	
High-precision Detection Device of Motor Speed Sensor based Image Recognition Research	2793
<i>Fangsheng Wu, Juanjuan Ji, Yehui Chen, Mingsan Ouyang, Dong Jiang, Wei Ma, Xiang Zhang</i>	
Detecting Software Aging of Web Servers with Real-valued Negative Selection Algorithm.....	2797
<i>Huan Yang, Yiwen Liang, Chengyu Tan, Jun Fu</i>	
Logistic Geographical Information Detecting Unified Information System Based on Internet of Things.....	2802
<i>Xingzhi Lin</i>	
A Platform for Massive Heterogeneous Astronomical Data Retrieval.....	2807
<i>Xu Liu, Jizhou Sun, Jian Xiao, Qing Zhao</i>	
2D Common-reflection-surface Stacking Workflow in Seismic Data Processing	2811
<i>Guohua Liu, Mei Xiao</i>	
Wireless Sensor Network Node Localization Based on Genetic Algorithm.....	2815
<i>Wenyuan Sun, Xiaolong Su</i>	
Integration of Deep and Shallow Aircraft Fault Knowledge	2819
<i>Zhou Yang, Li Qing, Peng Lu</i>	
Discussion on Authentication Process of CPU Card Meter	2824
<i>Xianggang Hua, Kaiwen Zhang, Dishi Xu</i>	
The Applications of Project Management's Decision Support Tool in the Process of Making Decision	2828
<i>Dishi Xu, Xianggang Hua, Shuobo Xu</i>	
Algorithms of Association Rules Extraction: State of the Art.....	2832
<i>Hamida Amdouni, Mohamed Mohsen Gammoudi</i>	
Design of Optimization Algorithm for WLAN AP Selection during Emergency Situations.....	2839
<i>Maneesha V. Ramesh, M. S. Nisha</i>	
Research on Security Mechanism for Multi-Agent System	2844
<i>Xuan Wang, Jing-Long Yan</i>	
The Applications of Crashing Algorithm in Project Management	2848
<i>Dishi Xu, Xianggang Hua</i>	
Design of Medium Independent Handover based Emergency Communication Scheme Using Vehicular Technology	2854
<i>Maneesha V. Ramesh, M. S. Nisha</i>	
Romote Sensing Image Fusion Based on Wavelet Packet Analysis	2858
<i>Wenxing Bao, Pu Wang</i>	
Utilizing Auxiliary Data in Phoneme Recognition Based on Articulatory Feature	2862
<i>Ji Xu, Yanmin Qian, Jia Liu</i>	
To Increase Quality of Feature Reduction Approaches Based on Processing Input Datasets	2866
<i>Shervan Fekri Ershad, Sattar Hashemi</i>	
Building the Information Management System of Defective Product Recalls	2871
<i>Dai Lei, Sun Xiao</i>	
Research of Complex Event Processing based on New Enterprise Transaction Server.....	2875
<i>Wenyang Gao, Zhen Gao, Guoqiang Li, Jie Huang</i>	
A New Network Coding Mechanism Based P2P Streaming Media System Model.....	2879
<i>Wang Hongqi, Jiang Hualong</i>	
The Design of Image Acquisition System Based On ARM	2883
<i>Wang Jisen, Zhao Hubin</i>	
An Approach to Modelling and Managing Software Process Resources	2886
<i>Zhongwen Xie, Tong Li, Fei Dai, Jianglong Qin, Yunzhi Jin, Rui Zhu, Lirui Bai</i>	
Comparative Analysis of the Continuous-time Model and Discrete-time Instantaneous Availability Model of the Delay Repairable System	2890
<i>Yi Yang, Lichao Wang, Rui Kang</i>	
Performance of MC-CDMA System Based on Turbo Code in Wideband Shortwave Channel.....	2893
<i>Qi Jun-Wei, Xue Rui, Fu Fang</i>	
Quantitative Analysis of Information Loss in Digital Image Compression and Reconstruction	2897
<i>Zhengmao Ye, Habib Mohamadian, Yongmao Ye</i>	
Depth Estimation via Stereo Vision Using Birchfield's Algorithm.....	2902
<i>Shan-Shan Chen, Zhi-Lin Feng, Wu-Heng Zuo</i>	

Search and Rescue System Based on the Dispersed Main-Extension Robots.....	2907
Zhe Yang, Xinglong Zhang, Xudong Weng	
A Global Strategy for Controlling Document Distribution in Confidential Document Management System.....	2909
Shiyuan Zheng, Jun Liu	
Design and Implementation of General Distributed Heterogeneous Data Exchange System	2915
Mao Tan, Youzhi Li	
A Research on Agent-Construction Supervision System of Government Investment.....	2920
Wu Yunna, Yang Yisheng	
China's Oil Vulnerability and Economic Growth: An Empirical Study	2925
Zhao Xin-Gang, Liu Lu, Feng Tian-Tian, Liu Ping-Kuo, Liu Xiao-Meng	
An Empirical Analysis on China's Oil Vulnerability	2929
Zhao Xin-Gang, Wang Bao, Feng Tian-Tian, Liu Lu, Wang Jie-Yu	
A Fast Algorithm For Discovering Maximum Frequent Itemsets	2933
Yang Kai, Ma Yuan	
Design and Simulation of Dynamic Slot Allocation Protocol for TDMA on Tactical Internet.....	2938
Shibai Yin	
Weighted Naive Bayes Classification Algorithm Based on Particle Swarm Optimization	2943
Jie Lin, Jiankun Yu	
TwigPipe: A Pipelining Holistic Solution of Twig Query	2947
Linlin Fu, Husheng Liao, Hongyu Gao, Rongxin Chen	
A Novel Method of Topic Detection and Tracking for BBS	2952
Yan Zhao, Jungang Xu	
Towards Collaborative Business Process Management Development Current and Future Approaches	2957
Teshome M. Bekele, Weihua Zhu	
An Inversion Formula and a Recurrence Algorithm for the Generalized Additional Involution Vander Monde Matrix	2962
Jian-Xia Qiu	
Study on the Performance of Sound Absorption Model Covered with Spray Poiyurea Elastomer and its Parameter Optimization.....	2967
Wencheng Zhang, Suihua Zhou, Mei Xu	
Research on Robust GNSS Vehicle Three-Dimensional Tracking Method for Urban Elevated Road Networks.....	2971
Zhenliang Ma, Jianping Xing, Liang Gao, Yuxin Ren , Qinghua Li, Yanbo Zhu	
A New Hypersphere Multi-class Support Vector Machine Applied In Text Classification.....	2977
Ai-Xiang Sun, Shun-Liang Huang, Ming-Hui Li, Jun Zhang	
A Data Model for RFID Data.....	2981
Kun Bai, Shaoxi Li, Jing Tian	
A Protocol of Electronic Voting and Blind Digital Signature Based on Elliptic Curve.....	2988
Han Ran, Wu Zheng Peng	
Preparation of a Monoclonal Antibody Based Sandwich Enzyme-Linked Immunosorbent Assay for Salmonella.....	2991
Liu Junwei, Jiang Jingqing, An Zhixing, Zhao Kun, Liu Xingyou, Yao Sixin	
Making a Decision Analysis by Using of a Computer Program: POWERSIM	2996
Xianggang Hua, Dishi Xu	
Based On The Energy Detection of Location Research in Wireless Sensor Network	3001
Kui Yue, Xinxin Liu, Rui Guo, Bin Yan	
Optimal Switch in Constant-speed Fan Stations.....	3007
Fulai Yao, Hexu Sun	
Supervised Hierarchical Clustering of Gene Expression Using Tangent Transformation	3010
Xin Xu, Maolin Li, Hui Xu	
Space Target Recognition based on 2-D Wavelet Transformation and KPCA	3015
Shihuan Ma, Qianru Gong, Jin Zhang	
Civil Aircraft Maintenance Target Cost Allocation Based upon Value Engineering	3020
Cuixia Bi, Fajie Wei	
The Automation Control of Excel Report Form by VC++	3024
Shiyu Du, Ziyuan Wang	
Restructuring XML Document - From the Perspective of Sorting.....	3028
Zhaoyan Jin, Quanyuan Wu, Hua Fan	
Study on Wavelet Transformation-based Low Illumination & High Dirt Face Detection Algorithm	3033
Shubao Xing, Huifeng Xue Gang Li	
Research on the Transformation of Procurement Management Mechanism Based on ERP	3037
Yan-Chun Hu, Min Chang, Xu-Wen Guo, Ping Zhang	
Research on The Utilization and The Management of Agriculture Information Resources on Internet.....	3041
Yu-Xiao Liu, Min Chang, Xu-Wen Guo, Lian-Feng Zhang	
State-of-the-art in Distributed Privacy Preserving Data Mining.....	3044
Ying-Hua Liu, Bing-Ru Yang, Dan-Yang Cao, Nan Ma	
A Route Planning Method Based on Improved Artificial Potential Field Algorithm.....	3049
Bing He, Gang Liu, Jiang Gao, Wang Hong	
Research on the Positioning Method of Cruise Missile based CDMA Mobile Communication Network.....	3054
Bing He, Gang Liu, Nan Nan, Yan Li, Jian Gao, Hong Wang	
A New Ranking Method to Decision Making based on Interval Fuzzy Preference Relations	3058
Xijiao He	

Contrastive Study on Operating Characteristics of Push and Pull in Supply Chain	3062
<i>Guohua Chen, Genbao Zhang</i>	
A Method for System Auditing Based on Baseline Assessment	3067
<i>Jianwu Zhang, Guoai Xu, Yixian Yang, Shize Guo</i>	
Privacy Preserving Computation of Trust-value in Wireless Sensor Networks	3072
<i>Xing Yuan, Liusheng Huang, Wei Yang</i>	
Modeling and Simulation of CAN Network Based on OPNET	3076
<i>Jia Hao, Chaoyou Guo, Jiechang Wu</i>	
Gromov Symplectic Width and Hofer-Zehnder Symplectic Capacity of The Classical Domains of Four Types	3081
<i>Zhang Qiao, Yang Yong</i>	
A Health Measurement-oriented Data Application for Control System	3086
<i>Ning-She Zhao, Guo-Qing Wang</i>	
Clustering Sequential Data with OPTICS	3090
<i>Amin Omrani, K. Santhisree</i>	
Study on Multi-temporal Vector-spatial Object Matching Methods Based on Fuzzy Theory	3094
<i>Chun Yang</i>	
Performance of LDPC Codes in Wideband Shortwave Channel	3098
<i>Danfeng Zhao, Yaqian Zhang, Tielin Zhu</i>	
Discrete Wavelet Neural Network Group System for Digital Modulation Recognition	3102
<i>Zhang Chaozhu, Yang Lianbai, Wang Xin</i>	
Code-aided Synchronization Algorithm based on Posterior Probability	3106
<i>Danfeng Zhao, Tielin Zhu, Yaqian Zhang</i>	
E-Rad io: The Electronic Music Service	3111
<i>Utkarsh Goel, Gulnawaz Aamir, Kanika Shah, Mohammad Abdul Qadeer</i>	
The Personal SMS Gateway	3116
<i>Utkarsh Goel, Kanika Shah, Mohammed Abdul Qadeer</i>	
EMS: The Talking Mail Service	3121
<i>Utkarsh Goel, Kanika Shah, Shailendra Singh, Mohammed Abdul Qadeer</i>	
Track-Pedia: The Universal Tracker	3126
<i>Utkarsh Goel, Kanika Shah, Mohammed Abdul Qadeer, Mohd Umair</i>	
SMS via 160by 2: The International Message Service	3131
<i>Utkarsh Goel, Kanika Shah, Faisal Khan, Mohammed Abdul Qadeer</i>	
Estimation of Contingency in Price Variation Based on Monte Carlo Simulation	3136
<i>Zhong Qingping</i>	
Business Intelligence Software As A Service (SaaS)	3140
<i>Shimaa Outf, Mona Nasr, Mohamed Amr, Mohamed Mosaad, Khaled Kamal, Fatma Mostafa</i>	
Business Intelligence in the Cloud	3149
<i>Shimaa Outf, Mona Nasr</i>	
Face Recognition Approach Based on 2D Discrete Fractional Fourier Transform	3155
<i>Bowen Liu, Feng Wang</i>	
Optimal Design and Simulation of MR damper Based on MATLAB	3160
<i>Jun Fan, Qi Wang</i>	
Research of MR Damper Based on Artificial Neural Networks	3163
<i>Shu Hong Bai, Qi Wang</i>	
Remote Wireless Automatic Meter Reading System Based on GPRS	3166
<i>Shi Jiong Yuan</i>	
The Analysis of Distribution System Reliability Based on Artificial Neural Network	3169
<i>Yong Tang</i>	
Analysis of Computer Simulation and Virtual Biology Modeling	3172
<i>Qingmin Zhao, Daoping Gu, Lu Dai</i>	
Asynchronous Motor Vector Control Based on Fuzzy Adaptive PID controller	3176
<i>Si Hua Zhao, Hui Yuan</i>	
Security Analysis for Inter-domain Routing System Based on IPv6 Protocol	3179
<i>Fu Weihong, Zhang Zhanying</i>	
A Robust Image Watermarking Based on DWT-QR Decomposition	3183
<i>Nan Lin, Jianjing Shen, Xiaofeng Guo, Jun Zhou</i>	
Iterative Algorithm For Mixed Implicit Quasi-Variational Inclusion With Fuzzy Mappings	3188
<i>Jiangrong Liu, Hua Yang, Feng Jiang</i>	
The Research of SMO Algorithm Self-adaption Improvement on SVM	3192
<i>Wei Wang, Hongyu Duan</i>	
Design and Implementation of the Data share and Data Exchange System Based on SOA	3196
<i>Shenyi Qian, Zhongju Fu</i>	
Underground Drainage System Based on Artificial Intelligence Control	3199
<i>Wen Zongzhou, Li Guochao</i>	
The Research and Development of Reduced Instruction Set Computer	3203
<i>Ya Liu, Yanling Zhou, Xianping Zheng, Wangping Xiong</i>	
Research of Orthogonal Genetic Algorithms in Probability Simulation	3206
<i>Shufang Li, Yi Zhang, Nannan Gai, Jianqi Yu</i>	

The Excitation System of Low-frequency rectangular wave in Electromagnetic Flowmeter based on Finite Element Analysis	3210
<i>Xiaoming Xu, Kai Liu, Yali Qin</i>	
Logistics Management Information System based on J2EE Study	3214
<i>Yan Xiao-Hui, Lei-Jun Li</i>	
The Research and Application of Indoor Location Algorithm Based on Wireless Sensor Network	3218
<i>Yuejun Dong, Fangfang Shan, Guiqin Dou, Yan Cui</i>	
Experimental Research on the Sound Source Data of the Duct System	3222
<i>Tao Feng, Jing Wang, Bin Liu, Nan Li, Xue Wu</i>	
Computational Simulation of Rotating Noise of Fan	3227
<i>Tao Feng, Jing Wang, Bin Liu, Nan Li, Xue Wu</i>	
Analysis of Current Situation and Innovation of Physical Education in Vocational Colleges - Introduction of National Sports into Sports Classes	3231
<i>Ming Jiang</i>	
Research and Practice on Changing the Mode of Physical Education and Improving its Function	3234
<i>Liang Yongjian</i>	
Review of Mobile Cloud Computing	3238
<i>Weiguang Song, Xiaolong Su</i>	
The Interaction Design and Realization of Answer System of Computer-Assisted English Examination System based on QT WebKit	3242
<i>Yejun Jiang, Jiahui Qi Wumin</i>	
Semi-supervised Classification Algorithm Based on the KNN	3246
<i>Yawei Chang, Houquan Liu</i>	
Performance Analysis of Space Time Block Code in MIMO-OFDM Systems	3250
<i>Jie Zhang, Liang Liu, Jin Li</i>	
On Intact And Inparanoid	3254
<i>Hui Lin, Shanshan Zhu, Fei Zhu</i>	
A Nonlinear Programming Model for Optimizing Cutting Regimes in Face-Milling Operations	3257
<i>Libao An, Hong Zhang</i>	
New Chaotic System and its Digital Implementation	3262
<i>Guohui Li, Hong Yang</i>	
Modeling Entities in Interaction Dataset for Anomaly Detection and Explanation	3267
<i>Jun Chen, Qingsheng Zhu</i>	
Asarum Subspecies Identification with Pattern Recognition Techniques	3271
<i>Shiwen Zhang, Yixu Song, Yannan Zhao, Peifa Jia, Mingying Shang, Shaoqing Cai</i>	
Integral Nested Sliding Mode Control for Ship Turning	3276
<i>Zhonghui Hu, Xiuyan Peng</i>	
An Improved K-Means Clustering Algorithm	3281
<i>Juntao Wang, Xiaolong Su</i>	
The Improved Algorithm For Color-texture Image Segmentation	3284
<i>Jing Junfeng, Li Pengfei, Long Guanshui</i>	
Evaluation Method for Power Supply Service Quality Based on Combinatorial Weighting Method and Grey Relational Degree	3288
<i>Li Wei, Dong Wei-Dong, Yuan Ya-Nan, Zhang Bo</i>	
Development Path of Green Logistics under Environmental Maintenance	3291
<i>Lin Li, Li Yanmin</i>	
Study on Engineering Cost Forecasting of Electric Power Construction Based on Time Response Function Optimization Grey Model	3295
<i>Li Wei, Yuan Ya-Nan, Dong Wei-Dong, Zhang Bo</i>	
Study on Financial Risk Assessment of Substation Project Based on Monte Carlo Simulation	3299
<i>Li Wei, Yuan Ya-Nan, Dong Wei-Dong, Zhang Bo</i>	
Design and Implementation of E-commerce System based on the Web	3303
<i>He Junhua</i>	
A Simplified Thresholding Algorithm Baised on Spectral Graph Theory	3306
<i>Xintang Lin, Panchao Wu, Zongyi Wang</i>	
A Fast Virtual Device Framework for Improving RTL Verification Efficiency	3310
<i>Jianfeng An, Xiaoya Fan, Shangang Zhang</i>	
Comparative Analysis of Performance Impact in Elearning Environments using Hippocratic database principles	3313
<i>Jasmin Azemovic, Vanja Bevanda</i>	
E-commerce: From Shopping Carts to Credit Cards	3318
<i>Daud Khan, Praveen Varshney, Mohammed A. Qadeer</i>	
New Hybrid Web Personalization Framework	3323
<i>Samira Khonsha, Mohammad Hadi Sadreddini</i>	
Boosting Data Access Based on Predictive Caching	3330
<i>Chenhan Liao, Jianguo Zheng</i>	
A Demand-pull Model of Support System for Spare Parts: Based on System Dynamics	3335
<i>Weipeng Wang</i>	
Application for Diesel Engine in Fault Diagnose Based on Fuzzy Neural Network and Information Fusion	3339
<i>Guilang Liang, Jian Wang, Qiang Wang, Jingui Song</i>	

The Network Interface Design Based on TCP/IP Protocol.....	3343
<i>Yu-Duowang, Xiao-Miao Dai</i>	
Design and Realization of PDN Connectivity Procedure in LTE Radio Protocol Stack	3347
<i>Wang Qiong, Liu Yi</i>	
Research on Scalability of Database Design	3351
<i>Quan Tao</i>	
Gap State Recognition Research on Micro-EDM Electrode Anti-copy	3355
<i>Chi Guanxin, Geng Xuesong, Hu Xingzhi</i>	
A Novel Second Generation Wavelet Transform Algorithm Applied in Laser Radar Echo Signal Denoising	3360
<i>Zhang Songwei, Cui Xiao</i>	
Summation Formulas for Nonterminating 4 Φ 3 -series and 4 Ψ 4 -series	3364
<i>Gaowen Xi</i>	
Design of Diesel Engine Exhaust Three-stage Particulate-trap and Noise-silence System Based on Centrifugal and Static Electricity Technologies	3369
<i>Zhanpeng Yang, Guihang Liang, Wei Chen, Qiang Weng</i>	
The Ecological Approach to Communicative Language Teaching (CLT) in Chinese Universities	3372
<i>Xing Zou</i>	
Comparative Research on Trade Competitive Capability between China and India: An Analysis based on RSCA, ESI and BSCI	3376
<i>Wei Qi, Zhao Qiaozhi</i>	
A New Algorithm for Attribute Reduction Based on Relative Distinguish Precision.....	3380
<i>Lv Yue-Jin, Wei Bi-Peng, Li Shu-Yan</i>	
Application of the Generalized Regression Neural Network in Short-Term Load Forecasting.....	3384
<i>Qiao-Ling Wang, Xin Cheng</i>	
Object Tracking in the Complex Environment based on SIFT	3387
<i>Yu Cheng-Bo, Liu Yu-Xuan, Zhang Jing, Yu Ting</i>	
Clustering Sequential Data into Hierarchical Patterns.....	3391
<i>Xinying Song, Johnson Apacible</i>	
Research of Error Data Detection Algorithm Based on Rules	3396
<i>Zhong-Bin Zhang, Yu-Hua Zhou, Yong-Zhi Liu</i>	
WDM Optical Networks with Wavelength Assignment Algorithm.....	3401
<i>Haitong Wang, Jian Jin</i>	
A Homotopy Method For Brouwer Fixed-Point In Pseudo Cone Condition.....	3405
<i>Yufeng Shang, Fei He, Zilong Yang, Sunchuan Gao</i>	
Intelligent Search Engines Based on Web Mining.....	3408
<i>Jiang Yongbo, Zhang Ruili</i>	
Chinese Text Mining Based On Distributed SMO.....	3412
<i>Yan Zhang, Mingyan Jiang, Dongfeng Yuan</i>	
Design Method of Viterbi Decoding of Convolutional Code Based on VHDL	3415
<i>Zhang Zengliang, Xiao Cheng</i>	
Vectorization of Residual Stop Test for SOR Methods.....	3419
<i>Fang Cai, Jie Xiao</i>	
Sales Forecast Based on BP Neural Network	3423
<i>Yuquan Qin, Haimin Li</i>	
Study on Related Information Searching for Web Pages with Dynamic Scripts	3427
<i>Tan Tao, Zhou Ying, Lai Chunhong, Zhang Jing</i>	
Design of Telecom Order Processing Subsystem Based on SOA	3431
<i>Ya-Fang Wang, Jing Zhang</i>	
Application of BP Neural Network Intelligent PID Controller based on GA in Electrode Regulator Systems of Electric Arc Furnace	3435
<i>Wang Hong-Jun, Li Yan-Wei, Yue You-Jun</i>	
Classification Learning System based on Multi-objective GA and Megathermal	3440
<i>Zhang Hongwei, Xu Jingxun, Zou Shurong</i>	
A New Algorithm for Data Consistency Based on Primary Copy Data Queue Control in Distributed Database	3444
<i>Li Zhangbing, Che Wujiang, Li Zhangbing</i>	
A High Precision Square Law Detector in Digital Microwave Radiometer	3448
<i>Xin Pei, Maozheng Chen, Hao Yan, Jian Li, Xiaohong Liu</i>	
Extraction of Transmission Bearing Fault Characters Based on EMD and Fractal Theory	3452
<i>Jianmin Mei, Yuanhong Liu, Yunkui Xiao, Huimin Zhao, Ruili Zeng</i>	
Study on Military Logistical Management Information System Based on TASCOL.....	3457
<i>Li Qinzheng, Liu Yanxia, Cao Jixia</i>	
Samvadak-A Way to Communicate	3462
<i>Sandeep Kumar, Archana Gupta, Nesar Ahmad</i>	
Study On Depth Migration With Arbitrarily Wide-Angle Wave Equation	3467
<i>Qifeng Sun, Qizhen Du</i>	
Layered Graph Data Model For Dataspaces Management	3471
<i>Dan Yang, Linlin Li, Liangxu Sun</i>	
The Prediction Research about the Strength of Cement based on Principal Component Neural Network	3475
<i>Yongzheng Zhou, Biyun Xiao, Yong Zhou</i>	

Research on Selection of Third-party Logistics Enterprise Based on the Extenics	3479
<i>Fan Lei, Yang Long</i>	
Design of Multi-channel Data Acquisition System Based on FPGA	3484
<i>Zhu Jie, Chen Wei, Tao Guo, Gui Tang</i>	
An Object-Oriented High-Performance Pseudorandom Number Generator Package for Analysis Simulation	3487
<i>Guang Li, Xiangzhong Xu</i>	
Research on Multi-samples Automatic Running Mechanism for Analysis Simulation Federations	3491
<i>Guang Li, Xiangzhong Xu</i>	
Research on the Architecture of Analysis Simulation Federation Management	3495
<i>Guang Li, Xiangzhong Xu</i>	
Recognition of Pests based on Compressive Sensing Theory	3500
<i>Antai Han, Hui Peng, Jianfeng Li, Jianqiang Han, Xiaohua Guo</i>	
Design of Data Center and Implementation of Data Integration Based on SOA Framework	3504
<i>Shuiping Zhang, Jizhen Li, Fengqin Zhang, Xiaobo Li</i>	
Analysis on Reliability of Supplier	3509
<i>Jiao Nisha</i>	
A New P2P Traffic Identification Methodology Based on Flow Statistics	3514
<i>Huilin Chu, Hongbo Yi, Xingming Zhang</i>	
Security of a New Password Authentication Scheme Using Fuzzy Extractor with Smart Card	3519
<i>Xiaoyi Duan, Xiuying Li</i>	
Study Of 3-D Seismic Volume Visualization With Ray Casting	3522
<i>Qifeng Sun, Youkai Sun</i>	
Design and Implementation of TCP State Detection Based on the Integrated Circuit	3525
<i>Yan Shen, Xiang-Yan Fang, Wei Han, Wei Liu</i>	
Numerical Simulation of Adaptive Optics Correction System	3530
<i>Xiaoyu Shi, Yin Chen, Zhiying Tan, Yong Feng</i>	
Object-Oriented Simulation Software for an Adaptive Optics System	3534
<i>Ying Chen, Yong Feng, Zhiying Tan, Xiaoyu Shi</i>	
A Fast, Robust Numerical Method for Solving Optimal Control Problems	3537
<i>Liu Peng, Zhao Jisong, Gu Liangxian</i>	
The Application of Materialization Strategies on OLAP in Column Oriented Database Systems	3542
<i>Xiaolei Dai, Chunqing Li</i>	
The Tangent Tracing Model of Grinding Wheel in Complex Bump Workpiece Grinding	3546
<i>Fan Li-Jun, Wang Tian</i>	
Research on GIS-based Community Health Record Management Information	3552
<i>Suwei Li, Yang Zhang, Huide Liu, Tiantping Hao</i>	
Study on Management System for Health Records Based on Life Cycle	3556
<i>Suwei Li, Tianping Hao, Huide Liu, Yang Zhang</i>	
Time Synchronization in Industrial Wireless Sensor Networks Based on Information Fusion	3560
<i>Chunxiang Zheng, Jiadong Dong</i>	
A New Algorithm for DEM Data Compression Base on Feature Points	3563
<i>Qi Feng, Qiao Xiao</i>	
An Autonomous Electric Logger for Hydraulic Fracturing Process	3567
<i>Wang Yue-Long, Zhang Lu, Huo Ai-Qing, Tang Nan</i>	
A Coal Mine Gas Concentration Prediction Method based on Particle Swarm Optimization Support Vector Regression	3571
<i>Yanli Chai</i>	
The Digital Fingerprint of XML Electronic Medical Records based on HMAC-SHA256 Algorithm	3575
<i>Na Cheng , Yan Wang, Xuehong Zhao, Ning Li</i>	
A Vehicle Management System of Community Based on Radio Frequency Identification Technology	3578
<i>Zijuan Cao, Qingzhong Kong</i>	
A Study on the Application of Intrusion Detection Technology to WLAN	3581
<i>Kaixing Wu, Wei Zhang, Wenzeng Zhu</i>	
Modeling and Simulation of Train Automatic Speed Control System Based on Genetic Algorithm	3584
<i>Rong Hua, You Fu, Guoping He</i>	
Fully Memory Based Address Translation in User-Level Network Interface	3588
<i>Wang Yongqing, Zhang Minxuan</i>	
Research of the Correction Scheme Based on GPS Coordinate Transformation Model	3593
<i>Dong Wenge, Bi Nan</i>	
Research of Extended RBAC Model on Permission Control in Web Information System	3596
<i>Liqing Li, Hai Lu</i>	
A Research on Commercial Bank Information Systems Based on Cloud Computing	3600
<i>Jingjing Jiang, Dehua Yang</i>	
A Multitarget Tracking Algorithm Based on Radar and Infrared Sensor Data Fusion	3604
<i>Chen Huazhi, Rong Jian</i>	
Research and Implementation of FTP Search Engine Based on Campus Network	3609
<i>Fu Weihong, Li Guoli</i>	
Hybrid Programming between MATLAB and VC++ in the Integrated Environment	3614
<i>Fu Weihong, Zhang Xinyan</i>	

Design of Digital Signal Generator of Radio Navigation Based on MicroBlaze.....	3616
<i>Peng Yuan, Li Yong, Duan Jiagi, Liu Xiaoyang</i>	
The Design for LVDS High-Speed Data Acquisition and Transmission System Based on FPGA.....	3620
<i>Zhang Huixin, He Qi, Liu Suhua, Yang Haiguang</i>	
The Method of Test for State of Railway Tunnel Lining based on Association Rules.....	3624
<i>Yue Liu, Weixiang Xu, Huan Du</i>	
Minimum Weighted Mining in Frequent Directed Subgraphs	3628
<i>Wei Ren, Weixiang Xu, Xiuqin Wang</i>	
Study on the Application of RFID Technology in Retail Logistics Industry	3633
<i>Yong Peng Tao</i>	
A Method of Color Calibration for Different Spectrophotometers	3638
<i>Xiao-Jie Xiu, Hong-Jun Tang</i>	
The Algorithm of Image Representation and Reconstruction Based on Compressed Sensing with Composite Measurement.....	3641
<i>Yingbiao Jia, Yan Feng, Yuming Cao, Changsheng Dou</i>	
Study on PID Parameters Tuning Method Based on Matlab/Simulink	3645
<i>Suping Li, Quansheng Jiang</i>	
The Problem of Noise in Classification: Past, Current and Future work	3649
<i>Hua Yin, Hongbin Dong</i>	
Test Method on Precision of the 3D Laser Scanner.....	3654
<i>Tao Chen, Jianwei Shang, Lang Wei</i>	
Perceptual-Control-Based Model Mobile Information Management	3658
<i>Ni Wang, Qingyi Hua, Yaming Li, Cui Guo, Xiaodong Qi</i>	
Document Clustering and Topic Discovery based on Semantic Similarity in Scientific Literature	3662
<i>J. Jayabharathy, S. Kammani, A. Ayesha Parveen</i>	
Erect PPPoE Server Online to Prevent the ARP Deception.....	3667
<i>He Junhua, Mao Shengli</i>	
Based on General Assessment of World Impacts of Promoting EVs Linear Weighting Model.....	3670
<i>Li-Feng Zhang, Meng-Die Fang, Cheng-Hao Wang, Xiang-Gang Zhu</i>	
Model of Resource Distribution in Publishing Company	3675
<i>Li-Feng Zhang</i>	
Object Use-Cases Clustering using MDL	3678
<i>Sunil Kumar, Rajesh Bhatia</i>	
An Identification Algorithm Based on Matrix Degree of Grey Incidences.....	3683
<i>Yingjian Qi, Yanli Jiao, Zhengpeng Wu, Bin Zhang, Ying Li</i>	
Asymmetric Cryptography Algorithm with Chinese Remainder Theorem	3687
<i>Yun-Peng Zhang, Xia Lin, Qiang Wang</i>	
Teaching Science to Infant Students via Computer (Computer Based Learning).....	3692
<i>Maryam Honarmand</i>	
GMM Estimation of Fixed Efficient Spatial Panel Data Model with Error Components	3695
<i>Deng Ming</i>	
Secret and Reliable Coding Mechanism for Noncoherent Multisource Network Coding.....	3700
<i>Siguang Chen, Meng Wu, Weifeng Lu, Yi Jin</i>	
Computer Online Course Unified Information Interactive Study Model Construction	3705
<i>Ying Wei</i>	
The Marker-Based Watershed Segmentation Algorithm of Ore Image	3709
<i>Wei Zhang, Daling Jiang</i>	
Petri Net Models for Medical Diagnosis Based on Rough Set Theory	3712
<i>Liu Sheng, Wang Bo</i>	
Local Outlier Detection Method towards Data Stream.....	3716
<i>Jian-Qiong Xiao</i>	
The Three-dimensional Parametric Design of Motor Based on Visual Basic.....	3720
<i>Haiping Sun, Jiali Guo, Hong Zeng</i>	
A New Modified King-Werner Method Solving Nonlinear Equations.....	3723
<i>Liang Chen, Chuangqin Gu</i>	
The Quantum Channel-Time Division Multiplex on Entangled State	3727
<i>Xiaohui Liu, Min Nie, Changxing Pei</i>	
Engine Design for ACT Games Based on J2ME.....	3731
<i>Pengcheng Gu, Jiaming He, Tianlin Yuan</i>	
Coordinate Robust Control of Ship Differential Algebra Power Systems with Propeller Loads.....	3734
<i>Jie Meng, Jiemei Zhao, Lijun Zhang, Hai Lan, Shuang Zhao</i>	
Research on Performance Management of Service Firm Based on BSC and F-ANP	3739
<i>Tao Huang</i>	
A Review of Economic Value Added (EVA) Survey - From the Aspects of Theory and Application	3744
<i>Li Qi</i>	
The Shaft-Rate Electric Field Controlling Method Based on RBF Neural Network.....	3747
<i>Hao Tan, Yingdi Hu, Shenguang Gong</i>	
Review of Association Rule Mining Algorithm in Data Mining.....	3749
<i>Chi Xu, Wen Fang Zhang</i>	

Comparisons of ERDAS and ENVI in Thematic Mapping	3754
<i>Dong Di, Wang Di</i>	
A Fast Age Distribution Convergence Mechanism in an SSD Array for Highly Reliable Flash-based Storage Systems.....	3758
<i>Irfan F. Mir, Alistair A. McEwan</i>	
On The Functional Equations In Rectilinear Embedding - Counting Rooted Near Quadrangulations on the Sphere.....	3763
<i>Pan Liyan, Liu Yanpei, Hao Rongxia</i>	
Geocentric Distance's Errors' Correction of Space Cameras Based on USGS DEM	3768
<i>Dejie Yan, Shuyan Xu, Weixiong Li</i>	
Image Compression Algorithm of High-speed SPIHT for Aerial Applications	3773
<i>Ning Zhang, Ning Zhang, Long Xu Jin</i>	
Tire Impressions Image Segmentation Algorithm Based on C-V Model without Re-initialization.....	3778
<i>Wang Zhen, Wang Yunpeng Li Shiwu</i>	
A Study on the Quadtree-based LOD Algorithm	3783
<i>Rui Zhang, Wenhong Qu, Chuan Lu</i>	
Research based on Database Transactions.....	3787
<i>Shiyang Liu, Xinyu Chen, Min Chen, Rui Zhang</i>	
Research based on OSI Model	3791
<i>Yadong Li, Danlan Li, Wenqiang Cui, Rui Zhang</i>	
Underground WMSN Distributed Video Coding based on HVS.....	3795
<i>Emkoe Ding, He Huang, Yali Zhong, Xiaozhi Zong, Junyan He</i>	
The Application of VPN Technology inThe University's Library	3800
<i>Xiaomei Baixiaomei Bai, Fuli Zhang, Dan Wang</i>	
Research on Combination Forecast of Port Container Throughput Based on Elman Neural Network.....	3804
<i>Peilin Zhang, Yang Cui</i>	
Beef Farming Quality Traceability System Based on PDA and GSM Modem	3808
<i>Wenxing Bao, Yongsheng Yang</i>	
Design and Development of Insulin Delivery System Prototype.....	3812
<i>Smita R. Dikondwar</i>	
Global Features of Flow Around Twin Cylinders	3817
<i>Mahbub Alam, Josua P. Meyer</i>	
Thermal Field Analysis in Microwave Ablation Therapy for Atrial Fibrillation	3822
<i>Qun Nan, Huijuan Zhang, Yaqin Xia, Aike Qiao, Yu Chang, Youjun Liu</i>	
Research on the Rebuilding of Landscape Architecture in Urban Wasteland.....	3826
<i>Zheng Shujing, Chen Quanxian, Miao Weidong, Chen Teng, Li Guirong</i>	
Investigation on Prediction of Steel Slab Heating Characteristics in a Walking Beam Heating Furnace	3830
<i>Yao Zhao, Qing-Bo Yu, Rong Li</i>	
Optimization of Small Window Type Air Conditioner	3835
<i>Rakib I. Zaman, A. K. M. Iqbal Hussain</i>	
Sport Education Model in University Basketball Option Class Teaching Experimental Study	3839
<i>Haobo Mao</i>	
A Sort of Three Dimensional Hopf Manifold	3842
<i>Yang Yong Ju, Wang Bao Jun</i>	
The Study on Automobile Enterprise's Sale Mode based on the E-commerce	3846
<i>Hai-Jian Wang</i>	
A Bidirectional Evolutional Algorithm for the Resource-Constrained Project Scheduling Problem	3850
<i>Li Ya, Zhang Jingyao</i>	
Website Platform Design and Implementation based on Web3D Virtual-Reality Technology.....	3855
<i>Li He, Yan Peng, Yingci Zhang, Hong Zhang</i>	
Frequency Control System Based on PWM	3860
<i>Changguo Liu</i>	
A Novel Method based on Adaptive Median Filtering and Wavelet Transform in Noise Images	3863
<i>Ying Ma, Junshan Li</i>	
Research on Hazardous Chemicals Information Management System	3867
<i>Jiang Xiaogang, Li Xin</i>	
Procurement Management Information System Research and Implementation Based on Asp.net.....	3871
<i>Guo Jun-Wei, Lei-Jun Li</i>	
Construction and Application of Quality Course Management Platform Based on IPv6	3875
<i>Wei Xiong, Li-Jing Zhang, Hai-Tao Zheng</i>	
Set Diagnosis on the Power Station's Devices by Fuzzy Neural Network.....	3879
<i>Yanjin Altankhuyag, Urtasan Gurjav</i>	
Flight Simulator Servo System Friction Compensation Based on Variable Structure Control	3882
<i>Su Liang-Yu, Wang Wu</i>	
An Improved Quantum Clone Genetic Algorithm	3886
<i>Lihua Zhang, Liping Zhang, Haiyan Peng</i>	
Wireless Sensor Network Security Mechanism Overhead Evaluation.....	3891
<i>Haifeng Li, Sumei Gao, Hongli Li</i>	
A Data-Driven Adaptability Control Method on the Complex System of Water Resources.....	3895
<i>Wei Xiaodong, Xu Lizhong, Wang Fengzhong, Ma Zhenli, Li Chenming, Qiu Lei</i>	

Inner Variable Crossed Control and Anti-synchronization Control in Hyperchaotic Rössler Systems	3899
Wang Feng	
Secondary Development of ANSYS and Its Application in Calculating the Natural Vibration Period of Variable Cross-Section Towers.....	3904
Guo Yi, Wen Huabin, Zhong Xiaofeng, Tang Kelun, Hu Guangzhong	
The Study on Web Data Mining based on Belief Rough Set Classification	3910
Gui-Ling Li	
The Improvement of RTAI Scheduler based on CPSS Algorithm	3916
Li Xueqiao, Liang Shuang, Chen Yuan	
Implementation and Research of Hardware Time Stamping Techniques Based on IEEE1588	3921
Li Xueqiao, Chen Yuan, Liang Shuang, Dou Yaxing	
Research of Radio Propagation Characteristic based on WSN in Coal Mine.....	3925
Xiang-Ping Gu, Rong-Lin Hu, Ying Jin	
Research of Improved DV-Hop Algorithm in Coal Mine Monitoring Application for WSNs	3928
Xiang-Ping Gu, Rong-Lin Hu	
The Research on the Breakup of River Ice Cover Prediction Based on Artificial Neural Network Model.....	3932
Deng Yu, Yue Yusu	
An ARM-based Solution for Train Signal Current Detection.....	3935
Yidi Zeng, Shenghua Dai	
A Reconfigurable Multirate Single-Bit Sigma Delta Modulator for Multi-Standard Wireless Radio Receivers.....	3939
Li Jinfeng, Cao Shun, Wang Ying	
Optimization and Implementation of Sorting Algorithm based on Multi-core and Multi-thread.....	3944
Xiao-Jie Qian, Jin-Bang Xu	
Simulation Research of TP Based on Three-Dimensional Optimal Chromosome Replacing GA	3948
Hong-Chan Li, Hao-Dong Zhu	
A Multirate Reconfigurable Cascade Sigma Delta Modulator for Multi-Mode Mobile Terminals	3953
Li Jinfeng, Cao Shun, Wang Ying	
High-Performance Top-k Complex Event Detection from RFID Event Stream	3958
Yongheng Wang, Shenghong Yang	
Pragmatic Principles in Internet-based Cyber Communication	3963
Bo Hu	
Network Analysis and Research Course Management System.....	3967
Fu Niu	
The Impact of Electromagnetic Security on Computer Systems and Networks	3971
Zhou Changlin, Zhang Hanlin, Yu Qun, Pang Xuemin	
Research on Confidentiality of Vector Map Data Based on Logistic Mapping.....	3975
Zhang Han-Lin, Zhou Chang-Lin, Liu Xiao-Ming, Zou Yong-Chu	
Active Contour Driven by Local Region Force	3978
Jianwen Li	
Discovering Subnets in Router-level Topology Studies.....	3983
Mingmin Sun, Jilong Wang	
ID3 Optimization Algorithm Based on Interestingness Gain	3988
Liu Zhongtao, Wang Hong	
3D Reconstruction Based on OpenGL and Treatment of Smoothness.....	3993
Yong-Li Huang, Xu Zhang	
AHP-based Assessment of Emergency Response Agencies.....	3997
Jin Baohua, Zhao Lihui, Li Jinxu, He Zhenyuan, Zhang Liang	
Emergency GIS System Based on GML and Multi-source Spatial Data	4001
Fubao Zhu, Jinmei Yang, Qianqian Guo	
A New Approach for Session-based Test Case Generation by GA	4006
Xuan Peng, Lu Lu	
An Exploration of the Web-based Mode of Adult English Teaching	4012
Chang-Hong Zhai	
High-resolution DSP-based CCD Camera System	4015
Yangqing Sun, Wei Liu	
Case Study: The Effect of Variable Priority Parameters on the QoS of WLANs IEEE 802.11e EDCF	4019
Riyadh Qashi, Martin Bogdan, Klaus Hansgen	
Using Structural and Color Features of Streptomyces Clavuligerus Bacteria in Approximating of Production Level of Clavulanic Acid	4024
Nooshin Jafari Fesharaki, Hossein Pourghassem , Maryam Nurmohamadi	
A Novel Effective Feature Selection Algorithm based on S-PCA and Wavelet Transform Features in EEG Signal Classification	4029
Saadat Naseli, Hossein Pourghassem	
Iris Image Classification Based on Texture and Fourier Mellin Transform Features	4033
Behnaz Mazaheri, Hossein Pourghassem	
The Design and Implementation of the CNGI Customer Premises Network for HENAN Agricultural Informatization Center	4038
Yinchao Che, Mei Weng, Hua Yu, Guang Zheng, Lei Xi	

A Low-Power Multi-Rate Cascade Sigma Delta Modulator Suitable for Multi-Mode Wireless Communication Applications.....	4043
<i>Li Jinfeng, Cao Shun, Wang Ying</i>	
Adaptive Block Distance Interpolation for MDC Frame Recovery.....	4048
<i>Wen-Ping Lai, En-Cheng Liou</i>	
A New Method for Image Representation	4053
<i>Xueli Wu, Bingzheng Wang, Yongquan Xia</i>	
Mining Weighted Closed Itemsets Directly for Association Rules Generation Under Weighted Support Framework.....	4060
<i>Bingzheng Wang, Yuanpan Zheng, Feng Guo</i>	
Numerical Simulation for the Pile with Earthquake Load	4065
<i>Chun Xu, Yong Zhang</i>	
A New Short-text Categorization Algorithm based on Improved KSVM	4069
<i>Zhang Su-Zhi, Sun Pei-Feng</i>	
A Novel Cost Effective Authentication Framework for Wireless LANs in Small Medium Enterprises (SMEs)	4073
<i>Muhammad Yousuf, Khalid Khan</i>	
A New Mechanism for Preventing HVM-Aware Malware.....	4078
<i>Heshuai Li, Junhu Zhu, Tianyang Zhou, Qingxian Wang</i>	
Discuss on Ideological and Political Education in American Army Troops.....	4083
<i>Wang Yongfeng</i>	
An Optimal Semi-online Algorithm on the Generalized Machine Covering Problem	4086
<i>Jinshi Tan</i>	
A Multi-modal Video Analysis System.....	4091
<i>Shilin Zhang, Heping Li, Shuwu Zhang</i>	
Research and Design of Intelligent Plan Management System based on the Game Theory	4095
<i>Bao-Hua Jin, Jin-Xu Li, Li-Hui Zhao, Shu-Lin Lv, Jin-Mei Yang, Qian-Qian Guo</i>	
Research on Dynamic Resource Allocation Strategy in the Trunking Communication System Based on TD-SCDMA Network.....	4100
<i>Liu Yaping, Sun Jun, Shao Shixiang</i>	
The Research of Multiuser Detection in the TD-SCDMA Trunking System	4104
<i>Zhao Linlin, Zhi Hui, Shao Shixiang</i>	
One Text Classification Algorithm Basing on Tolerance Rough Set	4107
<i>Yang Junchuan, Tang Yu, Hu Zhisong, Lao Jun</i>	
Design of Distributed Honeypot System Based on Intrusion Tracking.....	4111
<i>Yun Yang, Jia Mi, Hongli Yang</i>	
The Research on Influencing Factors of New Crack Rediction for Special Low Permeability Reservoir	4114
<i>Wang Shuqin, Wang Yanfeng, Zhao Lun, Fan Zifei, Li Jianxin, Cai Dongmei</i>	
Study on Ontology-based Personalized User Modeling Techniques in Intelligent Information Retrievals.....	4119
<i>Yang Huai</i>	
Fault Propagation Pattern Based Relevant Faulty Ciphertexts Filtering Towards DFA on AES.....	4123
<i>Na Wang, Yongbin Zhou</i>	
DVI Interface, Optical Fiber Video Transceiver used in LED Display System	4130
<i>Shuang Li, Ruiguang Wang</i>	
Interaction System of Treadmill Games based on Depth Maps and CAM-Shift	4134
<i>Hu Hai, Li Bin, Huang Benxiong, Cui Yi</i>	
Graph-Theoretic Cooperative Spectrum Allocation in Distributed Cognitive Networks Using Bipartite Matching	4138
<i>Chengshi Zhao, Bin Shen, Taiping Cui, Kyungsup Kwak</i>	
Complex Contourlet Texture Retrieval System using New Combinational Features	4143
<i>Li-Wei Liu, Jing Ge, Xin-Wu Chen</i>	
Research on Logistics Vehicle Routing Problem Based on Genetic Algorithm	4147
<i>Zengyu Cai, Yuan Feng, Yong Gan, Baowei Zhang, Shuru Liu</i>	
Effective of Power Control Game Algorithm for Cognitive Radio	4151
<i>Yun Zhang, Shixiang Shao</i>	
Study on QoS-oriented Dynamic Web Service Composition	4156
<i>Huaxin Mu</i>	
Cloud Computing Security Threats and Responses	4160
<i>Farzad Sabahi</i>	
Virtualization-Level Security in Cloud Computing	4165
<i>Farzad Sabahi</i>	
A Dynamic Password Chip Design Based on Logistic Chaotic Algorithm	4170
<i>Yu Fei, Zhao Jie, Wu Yating</i>	
A Semi Automatic Algorithm Based on Morphology Features for Measuring of Root Canal Length.....	4175
<i>Azam Amini Harandi, Hossein Pourghassem</i>	
A Novel Synthetic Image Watermarking Algorithm Based on Discrete Wavelet Transform and Fourier-Mellin Transform.....	4180
<i>Mahsa Manoochehri, Hossein Pourghassem, Ghazanfar Shahgholian</i>	
Dynamic study and Stability Analyze of Damping Cohesion and Reactance in TCSC Controller Connected on Optimization SMIB System.....	4185
<i>Farshad Mogharrab Tehrani, Ghazanfar Shahgholian, Hossein Pourghassem</i>	
Storage Allocation for Redundancy Scheme in Reliability-Aware Cloud Systems.....	4190
<i>Zhen Huang, Yuan Yuan, Yuxing Peng</i>	

Forward Simulation of Remaining Oil Exploration in Cross-Well by Time Domain Electromagnetic Method.....	4195
<i>Song Xi-Jin, Dang Rui-Rong, Guo Bao-Long, Wang Xue-Long</i>	
Simulation and Analysis of a New MAP Selection Scheme in F-HMIPv6 Network	4200
<i>Shuru Liu, Zengyu Cai, Yong Gan</i>	
Design of CAN Higher Layer Protocol for Airborne Applications.....	4203
<i>Ming Zhu, Guangtai Jiang, Jiaying Gao</i>	
A Two-Step Approach for Surface Type Classification of Aerial Images.....	4209
<i>Parvin Ahmadi, Saeed Sadri</i>	
Realizing Mobile Node Tracking in Wireless Sensor Network based on Kalman Filter.....	4214
<i>Yiping Chen, Dongkang Ni, Liping Zhang, Chen Deng</i>	
A Warehouse Monitoring System based on Wireless Sensor Network	4218
<i>Yiping Chen, Liping Zhang, Yifang Jia, Dongkang Ni, Bo Zhou</i>	
An Approach to Defend Against Wormhole Attack in Ad Hoc Network Using Digital Signature.....	4222
<i>Pallavi Sharma, Aditya Trivedi</i>	
The Study of Wireless Campus Mesh Network Route Protocol Design.....	4227
<i>Weichao Li, Xueying Wu, Xiaowen Du, Qingshui Li</i>	
The Research on Double Row V-type Inertial gas-liquid Separator	4232
<i>Zhongyi Wang, Beibei Li, Tao Sun, Yunliang Yu</i>	
Study on the Mosaicing Methods for Microscopy Image of Blood Cells Based on Speeded-up Robust Features	4236
<i>Biao Li, Keke Shang, Yu Zheng</i>	
Simulation of Digital Radio Mondiale Channel Model	4240
<i>Kui Li, Yan Ming</i>	
Availability Analysis of Redundant Computer Networks: A Strategy Based on Reliability Importance	4243
<i>Almir Pereira Guimaraes, Helder May Nunes, Paulo R. M. Maciel</i>	
Effects of TCSC on Damping Power System Oscillations.....	4248
<i>Ghazanfar Shahgholian, Mansoor Zinali, Ali A. Amini, Mehdi Mahdavian</i>	
Novel High Voltage Driving Circuit for TFEL Display	4253
<i>Xuan Huan, Shuping Huang, Feng Ran, Huijie Ji</i>	
Development of State Space Model and Control Design of Two-Mass System Using Standard Forms	4257
<i>Ghazanfar Shahgholian, Afshin Etesami, Farshad Mogharrab Tehrani</i>	
Research on the Services Extraction and Availability Evaluation of Existing System When Constructing SOA System	4262
<i>Che Zhan-Bin, Han Yu-Min, Xing Ying</i>	
Granularity Analysis on Geohazards Prognosis	4266
<i>Qunwei Xue, Hongqi Chen</i>	
ISRMDS: An Information Security Risk Management Oriented Multi-Agent System.....	4271
<i>Wang Peng, Chen Yingwu, Chen Sen, Ye Guoqing</i>	
Design and Implementation of the Encoding Card in Video Monitoring on the Internet of Things	4275
<i>Hongyan Yan, Hongxia Xu, Xiaojuan Zhang</i>	
Application of Relay Technology in Network Laboratory of University	4278
<i>Liu Xianming</i>	
Study on Channel Estimation of Long Term Evolution.....	4282
<i>Wei Guo, Guojin Li</i>	
LTE System Scheduling Algorithm based on Utility Function	4285
<i>Tian Xie, Xiaowei Hui</i>	
A new System of Electrocardiogram Diagnose Based on Telemedicine	4289
<i>Dongxin Lu, Tao Liu</i>	
Intelligent Fault-Tolerant 1553B Bus System Based on Adaptive Learning	4293
<i>Kan Wu, Jing-Fei Jing, Mian-Jiang Hu</i>	
The Design of Spatial Data Server Cluster based on Distribution Technology	4297
<i>Li Tan, Fu-Chao Cheng, Sen Chai</i>	
The Study of Personalized Recommendation Based on Web Data Mining	4301
<i>Zhenhuan He</i>	
Design and Implementation of a Web-based Exhibiting Platform of Undergraduates' IT Works	4306
<i>Liang Gao, Yu-Min Han</i>	
The Simulation and Assessment of Network Performance based on Confidence Interval	4309
<i>Fang-Mei Liu, Shu-Ru Liu, Su-Zhi Zhang, Zeng-Yu Cai, Na-Na Li</i>	
Spider Web in Circle	4313
<i>Cui Yuan Yuan, Mao Shuai</i>	
The Research of Water Information Extraction Techniques based on Remote.....	4318
<i>Ye Chengming, Han Ling, Li Jie, Miao Fang</i>	
Research of Testing Display Ambient Contrast Ratio.....	4322
<i>Ye Tian, Tongsheng Mou</i>	
Improved Model Predictive Control for Three-Phase Inverters	4327
<i>Ningxiang Xie, Kai Wang, Yecheng Lv</i>	
Feature-Based Disconnected Edge Segments Linker	4332
<i>Chi-Shiang Chan, Yung-Kuan Chan, Cheng-Ping His, Chun-Chieh Wang</i>	
A Research on Dealing with Serial Crimes with Mathematical Method.....	4336
<i>Zhu Shiyao</i>	

The Comparative Study on Network Firewalls Performance	4342
Yan Yongxin	
Image Quality Fig. Evaluator Used in Radiography Based on Contrast-Detail Phantom.....	4346
Ching-Lin Wang, Chuin-Mu Wang, Yung-Kuan Chan, Shihrong Wang, Ming-Ru Liou	
The Signal Control Method for The Urban Road Bottleneck Section.....	4351
Guixiang Liu, Xiaoming Chen, Ling Li, Can Wen	
Simulation of Performance of 4WD Electric Vehicle	4354
Xu Dan, Wang Guodong, Cao Binggang, Gong Hui	
Combined Random Number Generators: A Review.....	4358
Miao Wang, Feng Guo, Hongshan Qu, Song Li	
The Vulnerabilities and Status of CAPTCHAs.....	4363
Feng Guo, Miao Wang, Yanwei Li, Hongyan Yan	
An Improved Credibility Method Based on Matrix Weight.....	4368
Minkui Chen, Beizhan Wang, Liang Shi, Xu Wang	
Decentralized Adaptive Control for a Class of Large Scale Nonlinear Systems using Wavelet Networks	4372
Rabee Erfanianesh, Bahram Karimi, Hossein Pourhassem	
A Basic Research On Forward Error Correction.....	4377
Zhang Xinyu	
Analysis Of M-Sequence And Gold-Sequence In CDMA System.....	4381
Zhang Xinyu	
Performance Improvement of TCP_Reno Based on Monitoring the Wireless Packet Loss Rate.....	4384
Hu Han	
Study on Capacity of Channel in MIMO System	4388
Zhang Xinyu, Tian Jungyun	
Study on the Fault Detection of Railway Signaling Cable Based on Wavelet and Virtual Instrument.....	4391
Hongwei Li	
A Bandwidth Allocation Algorithm For Soft Real Time Periodic Tasks	4395
Meysam Shahvalikhshori, Sedigheh Aslavan	
Measuring Service Quality and Customer Satisfaction in Online Trading Services on Smart Phones.....	4400
Ju Yeong Lee, Woo Hyun Kim, Chae Rhee Kim	
The Conflict between Privacy and Self-Disclosure in Social Networking Services.....	4405
Sora Shin, Yumi Ko, Jihwa Jang	
Enhanced Adaptive Bandwidth Tracking Using Mean Shift Algorithm	4409
Seyed Amir Mohammadi, Sana Amoozegar, Alireza Jolfaei, Abdolrasoul Mirghadri	
Parameters Affecting the Functionality of Memory Allocators.....	4414
Ghassem Barootkoob, Mohsen Sharifi, Ehsan Musavi Khaneghah, Seyedeh Leili Mirtaheri	
Research of Uncertain Reasoning Based on Description Logic and Horn Rule.....	4419
Feng Yang, Jingjuan Ren, Hemin Jin	
An Efficient Two-Level Bitmap Index for Cloud Data Management.....	4424
Huang Bin, Peng Yu-Xing	
Efficient Metadata Management in Cloud Computing.....	4429
Yixue Wang, Haitao Lv	
Reliable Information Forwarding Algorithm for Vehicular Ad-Hoc Networks	4435
Sandhya Napit, Aditya Trivedi	
Design and Realization of Object-oriented System for ISA100.11a Protocol Conformance Testing.....	4440
Haofei Xie, Naiqing Ren, Ping Wang	
Application of People-oriented Education Philosophy in College Education Practice	4445
Zhu Guanli, Wang Ying	
Numerical Simulation of Instantaneous Dispersion of Natural Gas Highly Containing Carbon Dioxide and Its Reliability Analysis.....	4449
Yuanpan Zheng, Bingzheng Wang	
Cross Site Request Forgery : A Common Web Application Weakness	4453
Mohd Shadab Siddiqui, Deepanker Verma	
NURBS Surface Generation by Control Points	4459
Shengli Wei, Chongming Zhao	
Building Markov Chain-Based Software Reliability Usage Model with UML.....	4463
Lai-Shun Zhang, Yan He, Zong-Wen Li	
Multi-focus Color Image FusionUsing Block Variance Voting.....	4467
Feiran Jie, Lingling Li, Taisong Jin, Zhenhan Lv	
Design and Verification on Openness and Reconfigurable Network Management Platform	4471
Mengnan Shi, Ligang Dong, Chuanhuang Li	
Outage Capacity Analysis Based on Joint Beamforming and Power Allocation for Cooperative Cognitive SIMO System	4475
Yang Yang, Jinlong Wang, Qihui Wu, Xin Liu	
Multi-Link Cooperative Polling Scheme For UAV Data Link Based On Gilbert-Elliott Channel	4482
Si-Jia Li, Yu-Quan Mao	
Pseudo-random Key Generation for Secure HMAC-MD5.....	4488
Syeda Iffat Naqvi, Adeel Akram	
A Design of Layered P2P-based IPTV System	4493
Peng Zeng	

Study On Optimizing Deployment Of Roadway Excavation Equipment Based On DEA	4497
<i>Ren-Liang Shan, Wei-Ling Cai, Yu-Bao Wang, Xin Zhao</i>	
Modeling and Simulation of WSN Routing Protocols	4501
<i>Xiaoyu Song</i>	
Dynamic Pages Sequencing Strategy	4506
<i>Wang Guo-Shun</i>	
Embedding Mobile Agent Technology into Real Time Vibration Sensor for Condition-Based Maintenance	4509
<i>Abd. Samad Hasan Basari, Yau Wen Juiu</i>	
Study On Streaming Media Hybrid Scheduling Algorithm Based On The Priority Of Play Order	4514
<i>Xiaoyu Ma, Kim Mu</i>	
Design and Implementation of Two Camera's Calibration Based on DirectShow	4518
<i>Shui Ying Chai</i>	
Research Of Fast Self-Start Up Based On TMS320C6416	4522
<i>Liu Wenyi, Zhan Jianhua, Bai Xianmin</i>	
Performance Evaluation of Thread Prefetching for Recursive Data Structures	4525
<i>Zhu Huidong, Cheng Jing, Ding Wei, Huang Yan</i>	
Design of Wireless Monitoring System in the Chlorophyll Content of Rapes	4529
<i>Guizhong Guo, Xinhua Mao</i>	
Research Product Family Design System Based On CAXA	4532
<i>Guizhong Guo, Xinhua Mao</i>	
Y Parameter Matrix and Calculation Method Built for Multi-port Network Based on Graph Theory	4536
<i>Hou Rui, Cao Taibin</i>	
Study On High-Speed And Large Capacity Recorder Of Radar Video Echo Signal	4539
<i>Wang Yue, Zhang Xiaolin, Li Huazhou</i>	
Study On Early Warning System Of The Electrical Spindle Failures	4542
<i>Guizhong Guo, Xinhua Mao</i>	
A Directly Listing and Computer Calculating Method of Loop Current Matrix Equations	4545
<i>Cao Taibin, Hou Rui</i>	
A Robust Key Predistribution Scheme for Wireless Sensor Networks	4549
<i>Hongshan Qu, Wen Liu</i>	
Design of XML-based Heterogeneous Database Access	4553
<i>Qigong Xu, Jiaxin Wang</i>	
Design of a Dynamic Load Balancing Model for Multiprocessor Systems	4556
<i>Wentao Wang, Xiaozhong Geng, Qing Wang</i>	
Segmentation Of Heart By Using Gabor Filter And Principal Component Analysis	4559
<i>Shreyasi Watve, R. Sreemathy</i>	
Behavior Based Network Traffic Analysis Tool	4564
<i>Sindhu Kakuru</i>	
Obstacle Avoidance Algorithm And Path Planning Research	4568
<i>Xu Zheng, Fan Wu</i>	
Traffic Incident Detection Based on Artificial Neural Network	4572
<i>Qi Wang</i>	
Depth Map Optimization Based on Adaptive Chrominance Image Segmentation	4575
<i>Li Zhou, Zhong Lv, Tao Sun, Sifan Wei</i>	
A Corpus for Forensic Identification of Dialect Speaker in Some Area	4580
<i>Zhansheng Feng</i>	
An Approach of Coarse-grained Dynamic Slice for Java Program	4585
<i>Liu Xi, Miao Li, Zhao Dan, Li Wei</i>	
F-information Conceal and Conceal-recovery Application	4590
<i>Hongqin Geng, Fei Zhang</i>	
F - Genetic Information Generation And Application	4595
<i>Li Sun, Lihua Zhang, Yang Wang</i>	
Correctness Verification of RGPS Process Meta-Model	4600
<i>Xiangsheng Lu, Jinzhao Wu, Hao Yang, Zhiwei Zhang, Xiao Gao</i>	
Research on Network Database Encryption Technology	4605
<i>Yanhua Pan</i>	
The Study on Independence and Effects of Visual Communication	4609
<i>Rong-Jie Cheng, Zhi-Feng He</i>	
The Effect of Olympic Spirit on College Students' Ideological and Moral	4613
<i>Xiao-Qing Dong</i>	
Research on Cost Structure of Supply Chain	4617
<i>Qiong-Hua Liu</i>	
The Influence Of FDI On Chinese Domestic Investment: Crowding In Or Out?	4620
<i>Jing Luo</i>	
Study on the Syllogism-Based Construction of Industrial Products Brands	4626
<i>Shuai Peng, Cong-Min Sa, Zhi-Gang Feng</i>	
A New Type of Intelligent Gas Safety Inspection System for Coal Mines	4629
<i>Qing Xue</i>	

The Internal Logic of I Think Therefore I am in Metaphysics	4632
<i>Baozhi Tang</i>	
A New Date Replica Location Algorithm based on Hybrid Agent Grid	4635
<i>Xiang-Ju Liu</i>	
Elementary Analysis on the Social Values of the Priority for Labor Creditor's Rights.....	4639
<i>Xihua Gao, Qi Fei, Tao Wang</i>	
Expression of the Pattern Originality and Interface Design in Interior Design.....	4642
<i>Jin Xudong, Yan Wenming, Zhang Yongzhi, Zhao Jing</i>	
On the Striking Stylistic Features of Contract English.....	4645
<i>Qian Liu</i>	
Research on Low Dropout Operation of Current-Mode DC-DC Buck Converters with Heavy Loads.....	4650
<i>Miao Miao, Bing Yuan</i>	
The Analysis and Assessment Methods of Route Schemes in the Plan on Soil and Water Conservation of Highway	4655
<i>Li-Ming Shi, Yang Shi</i>	
The Theoretical Research On Traffic Noise In Highway Tunnels.....	4661
<i>Li-Ming Shi, Yang Shi</i>	
The Theoretical Research on Accumulating Model of Lead(Pb) Content in the Soil within the Sides of Highway	4665
<i>Liming Shi</i>	
Establishment and Application Prospect of Computer Network System	4668
<i>Wangjing Zhuangguanglei Zhangdi</i>	
Performance Assessment and Optimization of Decision Making Units with An Integrated Artificial Neural Network Algorithm	4671
<i>M. Saberi, A. Azadeh, N. Khanmohammadi Hezaveh, M. Anvari, P. Pazhoheshfar, A. Behrouznia</i>	
An Integrated ANN and Fuzzy C-mean Clustering Algorithm for Performance Assessment of Telecommunication Sectors and Auto Industries	4676
<i>N. Khanmohammadi Hezaveh, A. Azadeh, S. Tofighi, M. Saberi, P. Pazhoheshfar, A. Behrouznia</i>	
Environmental Map for Autonomous Navigation System using Geographical Feature Elements Information.....	4681
<i>I. Zunaidi, N. Kato, M. S. Samsi, M. Rozailan</i>	
Maintenance Decisions Making Method for Repairable System by using Output-based Maintenance Technique: A Case Study at Pulp Manufacturing Industry	4685
<i>Rosmaini Ahmad, Shahrukl Kamaruddin</i>	
Psycho-evolutionary Computing – Artificial Intelligence: Bio-informatics.....	4691
<i>Evi Juwita Salim, Suryani Hartati Oetojo</i>	
Academic Performance Prediction Based On Voting Technique	4694
<i>Muhammad Syufyan Bin Mohd Azmi, Ikmal Hisyam Bin Mohamad Paris</i>	
Disaster Management Base on Geoinformatics.....	4698
<i>Elmira Shamshiry, Behzad Nadi, Mazlin Bin Mohtar, Ibrahim Komoo, Halimatou Saadiah Hashim</i>	
A Value Added Model for GIS Call Center in Emergency Rescue Service	4702
<i>Rattakorn Poonsuph</i>	
Heat Exchanger's Shell and Tube Modeling for Intelligent Control Design	4707
<i>Dirman Hanafi, Mohd Nor Mohd Than, Abdulrahman A. A. Emhemed, Tatang Mulyana, Amran Mohd Zaid, Ayob Hj. Johari</i>	
Magnetic Optimization Algorithm for Training Multi Layer Perceptron.....	4712
<i>Seyedali Mirjalili, Ali Safa Safiq</i>	
Predicting Project Success Using ANN-Ensemble Classificaiton Models	4717
<i>Yu-Ren Wang, Chun-Yin Yu</i>	
Generation of Process Variants in Automated Production Planning by using Ant Colony Optimization.....	4722
<i>Christiane Soika, Tobias Teich, Jorg Miltizer, Daniel Kretz</i>	
An Industrial Expert Controller Based On Transient Response Patterns.....	4727
<i>Ning Zhang, Di Zhang</i>	
Developing an Integrated Solution for Generative Process Planning based on ISO Standard 10303	4731
<i>Daniel Kretz, Joerg Miltizer, Tim Neumann, Tobias Teich</i>	
Applying Correlation Method to the Problem of Passive Amplitude Monopulse Direction Finding	4736
<i>A. A. Loginov, M. Yu Semenova</i>	
Application of the Information-Theoretical Approach to Multilayer Perceptron Training.....	4739
<i>O. A. Morozov, P. E. Ovchinnikov</i>	
Application of Parallel Ladder Technique for Purging Oil Residual inside the Copper Pipe	4742
<i>Witsarut Sriratana, Narin Tammarugwattana, Suthum Gammanee, Lerdlkha Tanachaikhan</i>	
A Systematic Approach to the Optimization of Artificial Neural Networks	4746
<i>T. Y. Lin, H. C. Ping, T. J. Hsu, L. C. Wang, C. C. Chen, C. F. Chen, C. S. Wu, T. C. Liu, C. L. Lin, Y. R. Lin, F. C. Chang</i>	
Hand-puppet Robot Control	4750
<i>Leonardy Setyawan, Leonardus Mario Kesaulja, Jessie Darma, Endowednes Kuantama</i>	
Color Recognition Robot	4755
<i>Jessie Darma, Leonardy Setyawan, Endowednes Kuantama</i>	
Robogotchi, on Emoticon Robot	4760
<i>Endowednes Kuantama, Leonardy Setyawan, Jessie Darma</i>	
Using Efficient Discriminative Algorithm in Automated Visual Inspection of Feed	4765
<i>Rungkarn Siricharoenchai, Wasin Sintupinyo</i>	
Real-Time IEC 61970 based System for Bulk Power System Restoration at Hydro-Québec.....	4770
<i>Luc Cuachon, Alexandre Bouffard, David Dolan, Mathieu Peloquin, Claude Michaud</i>	

Influence of Technology Innovation System on Industrial Transformation Paths of the Resource-based Cities	4775
<i>Zhang Wei, Xiao Rongge, Tan Wenbo</i>	
Automatic Combined Lip Segmentation in Color Images	4779
<i>Hamed Talea, Khashayar Yaghmaie</i>	
E-Commerce Adoption by Indonesian Small, Medium, and Micro Enterprises (SMMEs): Analysis of Goals and Barriers	4783
<i>Rajesri Govindaraju, Dissa R. Chandra</i>	
A Framework of Fuzzy Neural Network Expert System for Risk Assessment of ERP Projects	4788
<i>Seyed Hossein Iranmanesh, Mojtaba Yaghoubi-Panah, Seyed Behrouz Khodadadi</i>	
Using Singular Spectrum Analysis for New Product Development Forecasts	4793
<i>Majid Shakhshi-Niae, Seyed Hossein Iranmanesh</i>	
Least Squares Support Vector Machines With Genetic Algorithm For Estimating Costs In NPD Projects	4797
<i>S. M. Mousavi, Seyed Hossein Iranmanesh</i>	
Study of Automated Face Recognition System for Office Door Access Control Application	4802
<i>Ratnawati Ibrahim, Zalhan Mohd Zin</i>	
An Adaptive Approach for Color Image Retrieval	4807
<i>Chih-Chin Lai, Ying-Chuan Chen</i>	
ERPZBG : A Novel Algorithm For Search In Integrated Distributed Systems Database Using Data Mining Mechanism	4811
<i>Sanaz Litkouhi, Mehdi Zekriyapanah Gashti, Arash Ghorbannia Delavar, Ali Broumandnia</i>	
Empirical Study of Influence on Tourism Income Growth Based on Information Resources Abundance Index Measurable Model	4816
<i>Hong Liu, Yan Ji</i>	
Studies on Building of Tourism Supply Chain Based on Network Supplier	4819
<i>Ji Yan, Liu Hong</i>	
The Constitue of the SOA-based College Asset Management System	4823
<i>Xiao Xi Ming, Sun Bo</i>	
A High Speed Intelligent Classification Algorithm for Fractal Image Compression Using DCT Coefficients	4826
<i>Mehdi Masoudi Chelehgahi, Keyvan Jaferzadeh, Mohsen Derakhshan Nia</i>	
Semantic Annotation on Event Pattern Languages for Complex Event Processing in Ubiquitous Logistics	4830
<i>Pablo Rosales, Jae-Yoon Jung</i>	
Requirements Engineering Maturity Measurement and Evaluation	4834
<i>Bahana Wiradanti, Rajesri Govindaraju</i>	
Improving Accuracy of Fuzzy Classifiers using Swarm Intelligence	4840
<i>Hassan M. Elragal</i>	
Linear Quadratic Regulator Design For Modular Matrix Converter Using Genetic Algorithm	4845
<i>Muldi Yuhendri, Mochammad Ashari, M. H. Purnomo</i>	
Embedded Web Server Based Industry Fault Analyzer	4850
<i>M. Balamurugan, G. R. Mahendra Babu</i>	
Automatic Visual Speech Segmentation	4854
<i>Hamed Talea, Khashayar Yaghmaie</i>	
Evaluation of MFCC for Emotion Identification in Hindi Speech	4859
<i>Anurag Jain, Nupur Prakash, S. S. Agrawal</i>	
The Impact of a Gravity Current with a Vertically Mounted Circular Cylinder	4864
<i>K. M. Mok, C. S. Leong, K. I. Hoi, Harry H. Yeh</i>	
An Investigation of the Effect of Suction and Injection in Open Channel Flow	4869
<i>Arindam Singha, Md. Abdullah Al Faruque, Ram Balachandar</i>	
Conjugate Natural Convective Heat Transfer from Photovoltaic Cells on the Bottom Wall of a Horizontal Cabinet to Ambient Air Stream	4874
<i>Y. L. Tsay, J. C. Cheng, Y. L. Zhuang, H. F. Hong, Z. H. Shih</i>	
Temperature and Flow Fluctuations in a Quartz-Glass Oscillating Heat Pipe	4879
<i>Qi-Ming Li, Zhen Yang, Yuan-Yuan Duan, Bu-Xuan Wang</i>	
3-D Simulation of External Cooling of Aero-optical Side Window	4884
<i>Chun-Chi Li, Yi-Chan Lin, Ming-Chun Hsieh</i>	
Streamwise Normal Reynolds Stress Variations of Fully Developed Turbulent Pipe Flow Responds to Rough Wall Disturbances	4889
<i>Aung Thuya Win, Shinsuke Mochizuki, Takatsugu Kameda</i>	
Transient Response of Proton Exchange Membrane Fuel Cell with Serpentine Flow Field	4894
<i>W. C. Weng, H. Y. Li, J. K. Kuo, W. M. Yan</i>	
Thermal Performance of a Plate-fin Heat Sink with a Shield	4900
<i>Shung-Ming Chao, Hung-Yi-Li, Yi-Feng Yen, Go-Long Tsai</i>	
Numerical Analysis of Turbulent Viscous Flow Around an Elliptical Airfoil and Cylinder by Potential Flow Patterns, Vortices, Sources & Sinks	4905
<i>Nader Ghadirkad, S. Mohsen Mirmofidi, Behroz Zafarmand</i>	
Equilibrium, Thermodynamic and Kinetic Studies on Adsorption of Shikimic Acid onto Activated Carbons	4910
<i>Jia Guo, Zhe Zhang, Hu-Ji Zhang, Ye Luo, Liang Zhou</i>	
Comparison of Flow in Normal and Stenosed Carotid Bulb	4915
<i>S. M. Abdul Khader, Raghuvar Pai, Anurag Ayachit, S. Ganesh Kamath</i>	
Flame Patterns and Combustion Efficiency of Tai-Chi Swirl Generator	4919
<i>Kuo C. San, Yuan K. Lee</i>	

Investigation of Turbulent Convective Heat Transfer of TiO²/water Nanofluid in Circular Tube	4924
<i>H. Shokohmand, Mohammad Hassan Kazemi, Ahamad R. Sajadi</i>	
Square-Cylinder Flow Patterns Modulated Using an Upstream Control Rod.....	4929
<i>Shun C. Yen, Sheng F. Wu</i>	
Waves Simulation in Viscous Waters Using MPS	4934
<i>Hanifeh Imanian, Morteza Kolahdoozan, Amir Reza Zarrati</i>	
Effect of Hypotension in Stenosed Common Carotid Artery-A FSI Study	4939
<i>Raghuvir Pai, S. M. Abdul Khader, Anurag Ayachit, V. R. K. Rao, S. Ganesh Kamath</i>	
Numerical Analysis and Experimental Study of Fluid Return Pressure for Mud-Pulse Telemetry.....	4943
<i>Yuichi Shinmoto, Jurya Ishiwata, Tsuyoshi Miyazaki, Eigo Miyazaki</i>	
Bubble Movements at Boiling Bubbly Flow in a Horizontal Serpentine Tube.....	4948
<i>Mei Huang, Zhen Yang, Yuan-Yuan Duan, Bu-Xuan Wang</i>	
Study on Heat Transfer Performances between the High Temperature Pneumatic Duct and the Cabin	4953
<i>Shi Hong, Jiang Yanlong, Wang Yu, Zhong Wei, Liu Chao</i>	
A Ventricular Assist Device Designed by Use of Computational Fluid Dynamics.....	4958
<i>Changyan Lin, Guanghui Wu, Lixia Shu, Yan Wang, Wenfang Wu</i>	
The Aerodynamics Performance of Blended Wing Body Baseline-II E2.....	4963
<i>Zurriati M. Ali, Wahyu Kuntjoro, Wirachman Wisnoe, Rizal Efendy M. Nasir, Firdaus Mohamad, Nor F. Reduan</i>	
Numerical and Experimental Investigation of Shock/Turbulence interaction by Hotwire Technique	4968
<i>Mohammad Ali Jinnah, K. Takayama</i>	
Horizontal Laminar Flow Cleaning in Wet Batch Cleaning Process	4974
<i>Katsuhiro Ota, Hirakazu Yamamoto, Akiko Hashi</i>	
Hamilton Solution of Linearized Navier-Stokes Equations in Cylindrical Coordinate	4979
<i>Yan Wang, Zichen Deng</i>	
Water-in-Diesel Emulsion and its Micro-Explosion Phenomenon-Review	4984
<i>Ftwi Y. Hagos, A. Rashid A. Aziz, Isa M. Tan</i>	
Drag Reduction Efficiency of Solid Particles In Pipelines of Two Phase Flow	4989
<i>Nithiya Arumugam, Hayder A. Abdul Bari, Arun Gupta</i>	
Studying the Potential of Slag Waste Particle as Suspended Solid Drag Reducing Agent	4993
<i>Siti Nuraffini Bt Kamarulizam, Hayder A. Abdul Bari, Nithiya Arumugam</i>	
Numerical Simulation of Thermal Discharges in Crossflow	4998
<i>Joongcheol Paik</i>	
Liquid Flow Distribution in Compact Parallel Flow Heat Exchangers	5003
<i>Ing Youn Chen, Jhong Syuan Tsai, Chi-Chuan Wang, Kai-Shing Yang</i>	
Experimental Study of Impinging Heat Transfer along Smooth or Rib-roughened Surfaces	5008
<i>M. Huang, Z. Yang, B. X. Wang, S. C. Mei, W. M. Yan</i>	
Highway Windmill.....	5013
<i>R. Sathyaranayanan, C. Giriramprasad, S. Muthamizh, K. T. Gopinath</i>	
An Inverse Geometry Problem in Determining the Interfacial Surfaces of a Three Layers Structure Based on the Desired System Heat Flux.....	5018
<i>Cheng-Hung Huang, Cheng-Tso Wuchiu, Hsi-Mei Chen</i>	
Influence of Argon Content on Intensity of Multibubble Sonoluminescence	5023
<i>V. H. Arakeri, K. P. Nishad</i>	
Fluid Dynamic Analysis and Heat Transfer of the Inclined Impingement Cooling in a channel Backward Facing Step	5026
<i>Khudheyer S. Mushatet</i>	
Thermodynamic Modeling and Parametric Study and Exergy Optimization of Single, Dual and Triple Pressure Combined Cycle Power Plants (CCPP).....	5031
<i>Nooshin Enadi, Khosro Roshandel</i>	
Thermodynamic Modeling and Exergy Optimization of a Gas Turbine Power Plant	5036
<i>Abdolsaeid Ganjeh Kaviri, Mohammad Nazri Mohd. Jaafar</i>	
Mesoscale Simulation of Natural Convection in Square Cavity Driven by Discrete Two Source–Sink Pairs On One Sidewall.....	5041
<i>Mohd Irwan Mohd Azmi, Nazri Md Daud, Fudhail A. Munir, Nor Azwadi C. Sidik, Suhaimi Mishi</i>	
Thermodynamic Analysis of CNG DI Engine Operating with Different Spray Angle.....	5045
<i>A. Rashid A. Aziz</i>	
A Tentative Study on the Demand-Supply Management with the Effect of House Connection Pipe and Storage Pumping System	5051
<i>Rocky Chowdhury, A. M. K. Hassan</i>	
Numerical Analysis about the Gas-Solid Phase Flow Field of the Ramjet Secondary Firebox.....	5056
<i>Xiaorong Wang, Genzhu Jiang</i>	
Application and Design of Automation Communication Devices – A Novel Design of Digital Doorbell.....	5060
<i>Chenghui Yang, Weixin Yang, Shuwen Wang</i>	
Based on Artificial Neural Networks for Voice Recognition Word Segment	5064
<i>Chenghui Yang, Weixin Yang, Shuwen Wang</i>	
Realization of Plus-Type DDCCs Voltage-Mode Multifunction Filter.....	5067
<i>Hua-Pin Chen, Liang-Te Chang, Kuo-Wei Huang</i>	
Grounded-Capacitor First-Order Filter Employing Single DVCC	5071
<i>Hua-Pin Chen, San-Fu Wang, Kuo-Wei Huang</i>	

Grey Relational Grade Applied to FPGA Placement with Minimal Wire Length	5075
<i>Jan-Ou Wu, Chien Wu, San-Fu Wang, Yang-Hsin Fan</i>	
Inverse Scattering for the Perfectly Conducting Cylinder by Asynchronous Particle Swarm Optimization.....	5080
<i>Chien Wei, Chi-Hsien Sun, Jan-Ou Wu, Chien-Ching Chiub, Min-Kang Wu</i>	
Grey Decision of Optimal Simultaneous Mapping and Clustering to Improve FPGA Performance.....	5083
<i>Jan-Ou Wu, Yang-Hsin Fan, San-Fu Wang</i>	
Static Analysis of Designing a Compiler Tool that Generates Machine Codes for the Predicted Execution Path : A Bypass Compiler	5088
<i>T. K. Manjunath, Chidaravalli Sharmila</i>	
High-Performance and Energy-Efficient Sliced AESMulti-Block Encryption for LTE Mobil Devices.....	5093
<i>Shadi Traboulsi, Mohamad Sheiti, David Szczesny, Anas Showk, Attila Bilgic</i>	
Design and Development of Supporting Tool for Target-tree-operation Management	5099
<i>Zhao Haoyan, Yang Hua, Lu Yuanchang, Hong Lingxia, Lei Xiangdong</i>	
Image Reconstruction for the Partially Immersed Conductor by Dynamic Differential Evolution	5103
<i>Chien-Hung Chen, Wei-Chun Hsiao, Chien-Ching Chiu</i>	
Design of Fully-Differential Filters with nth-order Synthetic Elements and Comparison with Single-Ended Solution	5107
<i>Jan Jerabek, Kamil Vrba</i>	
Electronically Tunable MOSFET-C Voltage-Mode All-Pass Filter Based on Universal Voltage Conveyor	5112
<i>Norbert Herencsar, Jaroslav Koton, Kamil Vrba, Shahram Minaei</i>	
A 1-Gbps IR-UWB Pulse Generator for 802.11a and WiMAX Interference Avoidance	5116
<i>Khalid A. S. Al-Khateeb, Ahmed R. Mohammed</i>	
A Pixel Matching Process and Multiple ROI for Stereo Images in Stereo Vision Application	5120
<i>R. A. Hamzah, A. Salleh, K. A. A. Aziz, Z. A. F. M. Napiah</i>	
Unified Approach for Large Signal Stability Analysis of 4Watt UHF RF Power Amplifier	5125
<i>Anbalagan Subramaniam, Mohd Fadzil Ain</i>	
Precision Full-Wave Current-Mode Rectifier using Current Differencing Transconductance Amplifier	5130
<i>Jaroslav Koton, Norbert Herencsar, Kamil Vrba, Shahram Minaei</i>	
Smart Sensor Design And Analysis Of Brain Machine Interface Using Labview	5134
<i>M. N. Mamatha, S. Ramachandran, M. Chandrasekaran</i>	
Automatic Generation of Area Constraints for FPGA Implementation.....	5139
<i>Cuong Pham-Quoc, Anh-Vu Dinh-Duc</i>	
An Uplink Pilot Design for IEEE802.16m	5143
<i>Hsien-Wei Tseng, Yih-Guang Jan, Ming-Hsueh Chuang, Liang-Yu Yen, Yang-Han Lee</i>	
A Simple Scheme for Termination Detection in Delay Tolerant Networks	5148
<i>Shivendra Katiyar, Sishanta Karmakar</i>	
Immediate Group ACK tree (IGA) for Reliable Multicast in Mobile Ad Hoc Networks	5153
<i>Tzu-Chiang Chiang, Chan-Yu Hsu, Jia-Lin Chang</i>	
A Load Balanced Cluster Head Election for Uniform/Non-uniform Deployment over Wireless Sensor Networks.....	5158
<i>Anirooth Thonklin, W. Suntiamornrut</i>	
Collision Detection Algorithm for UAVs based on Parametric Theorem Approach.....	5163
<i>N. F. M. Radzi, M. Mubin, N. A. Rahim</i>	
Blind User Indoor Environment Mapping System for Self-Localization.....	5167
<i>S. S. Samsudin, N. Mokhtar, H. Araf, F. Ibrahim, M. Iwahashi</i>	
Computational Detection of Uyghur Multiword Expressions	5171
<i>Murat Orhun</i>	
RFID & Vision Based Indoor Positioning and Identification System	5176
<i>Ching-Sheng Wang, Li-Chieh Cheng</i>	
A New Genetic-Based Algorithm for Reliable Distributed Resources	5181
<i>Mohsen Nejadkheirallah, Kobra Darvish, Reza Sookhtsaraei, Mehdi Shahnaz</i>	
Closed form Capacity Expression of Multiuser Diversity with Cooperative Diversity in Nakagami-m Fading Channels Using Weibull Approximation	5186
<i>Mohamed Al-Far, Abdulaziz Al-Ruwais, Abdulhameed Al-Sanie</i>	
A Novel Design of 4-Gbps and 6-Gbps IR-UWB Pulse Generator	5191
<i>Khalid A. S. Al-Khateeb, Ahmed R. Mohammed</i>	
A Heuristic Method for Gray Images Pseudo Coloring with Histogram and RGB Layers.....	5194
<i>Mohammad Zare, Mahdi Jampour, Issa Rashid Farrokhi</i>	
Cross-layer Optimisation for Quality of Service Support in Wireless Sensor Networks	5198
<i>Mahsa Mohaghegh, Chris Manford, Abdolhossein Sarrafzadeh</i>	
Numerical Simulation on Resistance Characteristics of Combinatorial Filter	5204
<i>Tao Sun, Zhongyi Wang, Yi Zhang, Haiou Sun</i>	
Application of Large Eddy Simulation on the Performance Study of Wave Blocker	5209
<i>Tao Sun, Zhongyi Wang, Haiou Sun, Yi Zhang</i>	
Scenario Based Performance Evaluation of Routing Algorithm of MANET	5213
<i>Ashish Chaurasia, Sumit Sharma, Sharda Prasad Patel</i>	
Performance Tradeoff between Mobility and Voice Quality among Different VoIP Deployment Strategies	5217
<i>K. Lavangananda, C. Angsuctometeet, K. Yongsakun, P. Panyato, P. Sawasdimonkol</i>	
Tunable Voltage-mode Multifunction Biqdadratic Filter with Grounded Capacitors and Resistors using Two DDCCs	5222
<i>San-Fu Wang, Hua-Pin Chen, Yu-Hsin Lin, Yu-Feng Tsai</i>	

Enhanced Authentication and Key Agreement Procedure of next Generation Evolved Mobile Networks.....	5227
<i>Masoumeh Purkhianbani, Ahmad Salahi</i>	
A Kind of Wormhole Attack Defense Strategy of WSN Based on Neighbor Nodes Verification.....	5234
<i>Jin Guo, Zhi-Yong Lei</i>	
Systemic Model For Software Cost Analyzing And Optimizing.....	5239
<i>Wang Yan, Sheng Xiangheng, Lei Zhang</i>	
Development of Streaming Application for Mobile Telemedicine System Using Multimedia Messaging Service Technology	5244
<i>Andik Setyono, Md. Jahangir Alam, C. Eswaran</i>	
R-Largest Order Statistics for the Prediction of bursts and Serious Deteriorations in Network Traffic	5249
<i>Abas Md Said, Halabi Hasbullah, Abdelmahamoud Youssouf Dahab</i>	
Research and Application of TCP/IP Protocol in Embedded System	5254
<i>Hong Ri Li</i>	
The Comparative Study on the Typical Marine Gas-Water Separator Inertial Blades.....	5258
<i>Zhongyi Wang, Jia Han, Lei Wan, Tao Sun</i>	
Design and Optimization of Sub Harmonic Mixer with Harmonic Rejection for Direct-Down Conversion Receivers.....	5262
<i>S. Manjula, B. Venkatalakshmi, A. P. Sherine</i>	
Position Estimation Algorithm Based on Natural Landmark and Fish-eyes' Lens for Indoor Mobile Robot	5266
<i>Xing Xiong, Byung-Jae Choi</i>	
Implementation and Performance Analysis of the Gateway Discovery Approaches in the Integrated MANET-Internet Scenario	5271
<i>Koushik Majumder, Sudhabindu Ray, Subir Kumar Sarkar</i>	
Array-Indexed Sorting Algorithm For Natural Numbers	5276
<i>Devareddi Ravi Babu, R. Shiva Shakar, V. Pradeep Kumar, Chinta Someswara Rao, D. Madhu Babu, V. Chandra Sekhar</i>	
Graphical User Interface for Enhanced Retinal Image Analysis for Diagnosing Diabetic Retinopathy	5280
<i>B. Venkatalakshmi, V. Saravanan, G. Jenny Niveditha</i>	
Research of Image Compression Technology Based on MPEG-4.....	5284
<i>Yang Jie, Chen Xuezha</i>	
The Impact of E-Procurement Implementation on Performance of Ship Management Companies.....	5288
<i>Mehrdad Alipour, Mohammadreza Damavandi</i>	
Scalable Routing Protocol in Wireless Sensor Networks	5293
<i>Thanawat Horjaturapitaporn, W. Suntiamorntut</i>	
Empirical Studies on Brand Assets in Financial Services Sector.....	5298
<i>Zhang Xiangxiang, Xiao Jia, Chen HuaiCong</i>	
Build Differentiation Competition Dynamic Value Model And Redefine Brand Equity	5303
<i>Xiangxiang Zhang, Jia Xiao, Shuzhen Wu</i>	
The Analysis on Current Construction Situation of the University Sports Informationization Education Resource in Our Country	5308
<i>Weng Yan</i>	
Performance of Antenna Selection for Maximum Ratio Combining MIMO System.....	5312
<i>Yousef A. Al-Zahrani, Nawaf K. Al-Mutairi, Yasser Al-Hodhayf, Abdurrahman Al-Shahrani</i>	
The Comparison Study of RF Signal Strength between IEEE802.11b/g and IEEE802.11n.....	5316
<i>Abdul Halim Ali, Mohd Raziff Abd Razak, Nur Ayunie Mohd Hazman, Nur Fadlina Jafaar Mohd Zaim Jasmin, Muzaifyanah Hidayah</i>	
Smart RFID Care [SRC] for Pervasive Health Care System	5320
<i>B. Venkatalakshmi, A. Pravin Renold, R. S. Lysa Packiam</i>	
A Survey and Performance Evaluation on Sliding Window for Data Stream	5324
<i>Bao-Jun Wang, Ying Zhan</i>	
Analysis on the Security Status and Its Countermeasures of Iron and Steel Industry in China.....	5328
<i>Huabang Yang</i>	
Preliminary Design For Crop Monitoring Involving Water And Fertilizer Conservation Using Wireless Sensor Networks.....	5332
<i>S. Vijayakumar, J. Nelson Rosario</i>	
Scheduling Framework for Queuing and Advanced Reservation Using TBRA in Grid Computing Environments:Trust Based Resource Agent	5337
<i>R. Venkatesan, K. Ramalakshmi, J. Isaac Victor Bhasme, K. Thanushkodi</i>	
Scheduling Framework with Resource Level Load Balance Using Agents in Grid Computing Environments.....	5342
<i>R. Venkatesan, K. Ramalakshmi, Arati Patro, K. Thanushkodi</i>	
Identity based Signatures Schemes.....	5346
<i>Bao-Juan Liang, Shao-Bo Sun</i>	
Face Detection and Gender Detection using Principal Component Analysis (PCA).....	5349
<i>P. K. Suri, Ekta Walia, Amit Verma</i>	
Digital Mining Production Management Integrated System in an Open Pit Based on GIS/GPS/GPRS	5355
<i>Faben Li, Qinghua Gu, Shigun Jing</i>	
Data Analysis System Research and Implementation based on Stored Procedure	5359
<i>Pengfei Li, Caifu Lu</i>	
A Parallel Technique for Improving the Performance of Signature-Based Network Intrusion Detection System.....	5362
<i>Farzaneh Izak Shiri, Bharanidharan Shanmugam, Norbik Bashah Idris</i>	
Research and Fulfillment on Prediction Algorithm of Aircraft Maintenance Cost Based on MSG_3 Theory	5367
<i>Li Wenjuan, Ma Cunbao, Song Dong, He Ermeng</i>	

Research on Complex Dynamic Systems using Neural Networks.....	5371
<i>Yuanping Zhu</i>	
Research on Constructing Distributed Large Database based on J2EE	5374
<i>Xizhong Song, Renzhi Zhang</i>	
Study of Implementation of Software Test Management System based on Web.....	5378
<i>Gunxia Yuan</i>	
A Study on the Implications of Web 2.0 in Academic Lib 2.0ⁱ	5382
<i>Meijuan Kang</i>	
Novel Face Detection Using Gabor Filter Bank with Variable Threshold.....	5385
<i>P. K. Suri, Ekta Walia, Er. Amit Verma</i>	
Beaconless Multihop Routing Protocol for Wireless Sensor Networks.....	5391
<i>Rab Nawaz, Syed Asad Hussain, Shahbaz Akhtar Abid, Jawad Shafi</i>	
Length Based Network Steganography using UDP Protocol.....	5396
<i>Anand S. Nair, Abhishek Kumar, Arijit Sur, Sukumar Nandi</i>	
A Web Usage Mining Framework for Business Intelligence	5401
<i>Sonal Tiwari, Prashant Richariya, Deepti Razdan, Shivkumar Tomar</i>	
Towards a Collective Knowledge for a Smart Electric Vehicle Charging Strategy.....	5405
<i>Joao C. Ferreria, Joao Luiz Afonso</i>	
Multi-floor Layout Design of cellular Manufacturing Systems.....	5410
<i>I. Mahdavi, F. Khaksar-Haghighi, N. Javadian, R. Kia</i>	
A Group Layout Design Model of a Dynamic Cellular Manufacturing System	5415
<i>R. Kia, R. Tavakkoli-Moghaddam, N. Javadian, A. Baboli, M. Kazemi</i>	
Single Machine Preemptive Scheduling by Hybridized Meta-Heuristic Approach.....	5420
<i>N. Javadian, J. Rezaeian, H. Khorshidian, K. Rahmani</i>	
Towards Computer Vision Feedback for Enhanced CNC Machining	5424
<i>Hussam K. Abdul-Ameer, Ghassan A. Al-Kindi, Hussien Zughaier</i>	
Contingencies Security Control with Hybrid Genetic-Ant Colony Algorithm.....	5431
<i>Cong-Hui Huang, Chung-Chi Huang, Ming-Rong Lee, Bo-Lin Wu, Zhi-Ping Yang, Shi-Zhe Qiu, Xing-Xue Zhu</i>	
Development of Intelligent Quality Prediction for Manufacturing System.....	5436
<i>Chung-Lin Huang, Chung-Chi Huang, Yi-Ming Tsao, Hsin-Pu Lin, Cheng-Wei Liu</i>	
Design and Implementation of an Intelligent Quality Prediction System.....	5441
<i>Ching-Lin Huang, Chung-Chi Huang, Cong-Hui Huang, Hsin-Pu Lin, Hao-Lun Huang</i>	
An Information Model in Lean, Agile, Resilient and Green Supply Chains	5446
<i>Izunildo Cabral, R. Puga-Leal, Antonio Grilo, V. Cruz-Machado</i>	
Brain MRI Segmentation for Tumor Detection using Cohesion based Self Merging Algorithm.....	5451
<i>Subhranil Koley, Aurpan Majumder</i>	
Payame Noor University 2D Soccer Simulation Team Description	5456
<i>Abbas Khosravi, Najme Rozmand, Mohammad Kazem Farhadipour, Seyed Mojtaba Hosseini far</i>	
Simulation Of “Time-Based” Versus “Sensor-Based” Traffic Light System	5459
<i>Abdul-Yasser Abd-Fatah, Faieza Abdul Aziz, Rosnah Mohd. Yusuff, Norzima Zulkifli</i>	
A Large-Scale Full-text Search Engine using DotLuence	5463
<i>Lincheng Sun</i>	
Research on the Architecture of Spatial Data Manipulation Language	5466
<i>Cuiling Xu</i>	
Author Index	