

2009 International Conference on E-Business and Information System Security

(EBISS)

**Wuhan, China
23 – 24 May 2009**

Pages 1 - 654



**IEEE Catalog Number: CFP0929F-PRT
ISBN: 978-1-4244-2909-7**

**Copyright © 2009 by the Institute of Electrical and Electronic Engineers, Inc
All Rights Reserved**

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

******This publication is a representation of what appears in the IEEE Digital Libraries. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP0929F-PRT
ISBN 13:	978-1-4244-2909-7
Library of Congress No.:	2008908087

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

TABLE OF CONTENTS

Clothes Image Searching System Based on SIFT Features	1
<i>Yi Ouyang</i>	
Malicious Web Pages Detection Based on Abnormal Visibility Recognition	6
<i>Bin Liang, Jianjun Huang, Fang Liu, Dawei Wang, Daxiang Dong, Zhaohui Liang</i>	
Test CSRC’s Ability to Select Private-Owned Enterprises for IPO	11
<i>Li Guoping</i>	
A Secure Proxy Verifiably Encrypted Signature Scheme	15
<i>Jianhong Zhang, Shengnan Gao</i>	
Gambling Analysis of Intellectual Property Rights Risk Management and Dynamic Alliance	20
<i>Xueming Li, Zhiyuan Wang</i>	
A New Concept Model RSRM-Based SLN Schema Application	25
<i>Zhurong Zhou, Hai Li, Yuhui Qiu</i>	
Forward-Secure Certificate-Based Encryption: Definition and Generic Construction	30
<i>Yang Lu, Jiguo Li, Junmo Xiao</i>	
Pilot Research About 3G Commnuication Using Intention in China	35
<i>Chih-Chung Chen, Matthew Tingchi Liu</i>	
Semi-Fragile Watermark Based on Adaptive Quantization for Image Content Authentication	40
<i>Cong Jin, Yan Chao, Xiao-Liang Zhang</i>	
A Hybrid Detection Approach for Zero-day Polymorphic Shellcodes	45
<i>Chen Ting, Zhang Xiaosong, Liu Zhi</i>	
A Novel Hybrid Method for Polymorphic Worm Detection	50
<i>Pan Xiaohui, Zhang Xiaosong, Chen Ting</i>	
Parallel Hash Function Based on Block Cipher	55
<i>Maokang Du, Bo He, Yong Wang, JianJun Wu, Di Xiao</i>	
The Patronage Reasons of Supermarkets’ Consumers in China and Difference Analysis on Demographic Characteristics	59
<i>Junwu Chai, Xuemei Zhou</i>	
Security Analysis and Improvement of Pairing-Based Threshold Proxy Signature Scheme	64
<i>Chao Wang, Yunpeng Han, Fagen Li</i>	
Research and Design of X-band SIR Microstrip Filters	69
<i>Bin Dong, Quanyuan Feng, Shuai Yang</i>	
A Novel Approach To Automatically Extracting Main Content of Web News	73
<i>Xuan Wang, Wei Ping Wang, Bowen Liu, Zhen Wang, Xicai Wang</i>	
A Novel Model for Critical Services Consolidation based on FVM	77
<i>Zhang Xiaosong, Chen Ting, Wang Ding</i>	
Identifying Application Capability of e-Business for IS Success: A Case study of Manufacturing Sectors	82
<i>Jin-Nan Wu, Wei-Jun Zhong</i>	

QoS-aware Selection of Web Services Based on Fuzzy Partial Ordering	88
<i>Dunlu Peng, Qingkui Chen</i>	
A Novel Mobile Multicast Protocol in IPv6 Networks	93
<i>Wang Jiansheng, Cao Yewen</i>	
Research of Blind Watermark Detection Algorithm Based on Wavelet and Contourlet Transform Domain.....	98
<i>Xiang-wei Zhu, Liang Xiao</i>	
Formal Security Proof for Generalized Signcryption	103
<i>Jindan Zhang, Xu an Wang</i>	
Privacy Protection Model for Distributed Service System in Converged Network.....	108
<i>Shangqin Zhong, Chen Liu, Zhengqiu Yang, Danfen Yan</i>	
Uncovering Personalized Implicit Information Based on The Community Detecting Theory of Complex Networks.....	113
<i>Zhifang Su, Degang Xu</i>	
Empirical Research on Customer Value Evaluation in B2C Electronic Commerce Company	118
<i>Fang lingyun</i>	
Research on Policy Domain Access Control Model in Distributed Systems	122
<i>Xian Wu, Peide Qian</i>	
Vulnerability of an Improved Elliptic Curve Diffie-Hellman Key Agreement and its Enhancement	128
<i>Zeyad Mohammad, Chi-Chun Lo</i>	
A Practical Visualization Method for Multidimensional Web Document Vectors.....	133
<i>Kang Le, Jing Jiwu, Xiang Ji</i>	
The Development and Investment Value Analysis of CDMA in China.....	138
<i>Shen Yan, Wang Xiaoming, Li Shiming</i>	
Research on Risk Management of Bank Loan and Loss Provision Based on Markov Chain	143
<i>Ma Jibin, Cheng Yi</i>	
The Impact of Information Sharing on the Performance of Different-echelon Supply Chain.....	148
<i>Luo Hanyang, Luo Hanyang, Ji Wenli</i>	
Fast S-box Substitution Instructions and their Hardware Implementation for Accelerating Symmetric Cryptographic Processing.....	152
<i>Cheng-hua Duan, Jun Jiang, Xing-ming Wang, Wen-yuan Xu</i>	
RESTful Dynamic Framework for Services in Mobile Wireless Networks	156
<i>Gang Li, Hongmei Sun</i>	
Document Classification Algorithm Based on NPE and PSO	161
<i>Ziqiang Wang, Xia Sun</i>	
A Quasi-analytical Pricing Model for Arithmetic Asian Options: Numerical Evaluation	165
<i>Jianqiang Sun, Langnan Chen, Yuejin Cai</i>	
A Secure Trust Model Based on Trusted Computing.....	170
<i>Yin Zhixi</i>	
Analysis of Correlated Traffic by Batch Renewal Process	177
<i>Wei Li, Rod J. Fretwell, Demetres D. Kouvatso</i>	
An Optimal Scheduling Model for Robust Management of Supply Chain.....	182
<i>Bin Zeng, Lu Yao, YongQian He</i>	

The Research and Efficient FPGA Implementation of Ghash Core for GMAC	187
<i>Yang Lu, Guochu Shou, Yihong Hu, Zhigang Guo</i>	
Towards An Easy To Pay System (ETPS) For E-Commerce	192
<i>Shafiq ur Rehman , Shaikat Wasi, Jawaid Ahmed Siddiqui</i>	
A History-based Constraint for Separation-of-Duty Policy in Role Based Access Control Model.....	195
<i>Duoqiang Wang, Wengfang Liu, Jianfeng Lu, Xiaopu Ma</i>	
The Analysis of Performance of E-government Based on Public Goods.....	200
<i>Yan Dan</i>	
Trust Based Malicious Nodes Detection in MANET	205
<i>Wei Gong, Zhiyang You, Danning Chen, Xibin Zhao, Ming Gu, Kwok-Yan Lam</i>	
A Theoretical Model and Empirical Analysis on Attributes Affecting Customer Loyalty of Sportswear Retailing in China	209
<i>Min Li, Yuan Wei, Xiao-Zhong Tang</i>	
E-Business Access for Blinds: A Semantic Approach	214
<i>Muhammad Nabeel Talib, Cai Shuqin, Muhammad Abrar, Muhammad Sheraz Shafiq</i>	
An Optimized Scalable and Unified Hardware Structure of Montgomery Multiplier	218
<i>Yang Xiao-hui, Qin Fan, Zhang Jun, Dai Zi-bin, Zhang Yong-fu</i>	
Improvement of SAT-based Model Checking of Security Protocols	223
<i>Yuanyuan Yang, Wenping Ma</i>	
Blind Multi-user Detection Based on Auxiliary Particle Filter in Fading CDMA Channels.....	228
<i>Yafei Han, Guolong Liang</i>	
Study on the Quality Prediction Model of Software Development	233
<i>Zuo Xiaode, Liang Yun, Lei Hong</i>	
Three-person Game Model: Internet Content Regulation of Web 2.0	237
<i>Xiao Li, Bin Zhang</i>	
Response Time-based Supply Chain Contract Coordination under Time-Sensitive Demand	242
<i>Li Li, Wen-sheng Yang</i>	
Static Detection of Un-trusted Variables in PHP Web Applications	249
<i>Peng Shushen, Gu Qing, Chen Daoxu</i>	
Inconsistency Management of Role Base Access Control Policy.....	254
<i>Chao Huang, Jianling Sun, Xinyu Wang, Yuanjie Si</i>	
The Interrelated Develop Model of Entrepreneur Process and the Transformation of Industry Cluster	259
<i>Bei Hu, Congying Wang</i>	
Security Theory and Attack Analysis for Text Watermarking.....	264
<i>Xinmin Zhou, Weidong Zhao, Zhicheng Wang, Li Pan</i>	
Privacy Preserving Outlier Detection Over Vertically Partitioned Data	270
<i>Zhengyou Zhou, Liusheng Huang, Yang Wei, Ye Yun</i>	
A Comparison Study on Interest Rate Models of SHIBOR Based on MCMC Method.....	275
<i>Xiaojian Yu, Youyi Wang, Min Fan</i>	
Research on Purifying for Ambient Semantic Interoperable Services Oriented to Global Enterprises.....	280
<i>Guo Jianfeng, Fan Yushun</i>	

Factors Influencing the Consumers' Willingness to Buy in E-commerce	285
<i>Shouming Chen, Jie Li</i>	
The Research of the Effects of Consumer Traits on Online Purchasing Intentions	293
<i>Wenguo Shen, Jie Liu, Hong Wang</i>	
An Empirical Study on the Effects of the Non-tradable Share Reform to the Cash Dividends Policy of Listed Companies in China: Based on Data Mining Technology	299
<i>Jun Gao</i>	
Airline Network Design for Nanning Airport Facing to CAFTA	304
<i>Qiankai Qing, Zhixue Liu, Kunpeng Li, Chen Wang, Jun Xiao, Chen Wang</i>	
Research on Grid-service Based Virtual Products Experience Environment Supporting Architecture in E-commerce Applications	309
<i>Chen Xi</i>	
An Efficient Fault Tolerant Cryptosystem	314
<i>Chunren Lai, C. N. Zhang, Xiaowei Liu</i>	
Multiplicative Spread Spectrum Watermarks Detection Performance Analysis in Curvelet Domain	319
<i>Chengzhi Deng, Shengqian Wang, Hui Sun, Hanqiang Cao</i>	
The Research of P2P Traffic Identification Technology	323
<i>Yu-shui Geng, Tao Han, Xue-song Jiang</i>	
A New Approach of Modern Supply Chain Management	327
<i>Feicheng Ma, Guoliang Zhan, Tao Lu</i>	
An Empirical Study About Adoption of a New Mobile Service in China	332
<i>Yang Jiang, Jian Chi, Xiong jian Liang</i>	
Fuzzy Theory and AHP Applied to Port Logistics Competitiveness Evaluation	337
<i>Xiaoqing Fan</i>	
A Chaos-based Key Predistribution and Management Scheme in Wireless Sensor Network	342
<i>Jian-hua Zhang, Nan Zhang</i>	
ID-based Signature Scheme with Tight Reduction	347
<i>Xin Xiangjun, Huang Shoujia</i>	
The Differences between the Search Charts and the Commercial Charts of Music	352
<i>Yue Yang, Changjia Chen, Yishuai Chen</i>	
A Policy Definition Language for Integrated Network Measurement: General Ruleset Language	356
<i>Xuping Jiang, Fenglin Peng</i>	
Based On Entropy Method's State-owned Resources Enterprise Achievements Evaluation Study	360
<i>Fei Huang, Jiahua Tian, Xiangqin Xing, Yi Wu</i>	
A Document Watermarking Algorithm Based on Partitioned Character Image	365
<i>Yan-hua Xi, Min-rui Zhang</i>	
Network Intrusion Detection Method Based on Radial Basic Function Neural Network	369
<i>Jingwen Tian, Meijuan Gao, Fan Zhang</i>	
A Heuristic Scheduling Algorithm for Computing of Power Grid	373
<i>Youchan Zhu, Xueying Guo, Yanyan Chen</i>	
Study on Order Allocation for Promoting industrial Cluster's Load balance	378
<i>Chen Wang, Li Guofu, Ye Feifan</i>	

SYN Flooding Detecting using Negative Selection Algorithm based on Eigenvalue Sets	383
<i>Xu Rui, Ma Wen-li, Zheng Wen-ling</i>	
Research on Independent Innovation Capability and International Competitiveness of “Wuhan China Optical Valley” Optoelectronic Industry	387
<i>Zhang Zhihe, Zhang Yan, Zhou Guohua, Yang Wei</i>	
Component Retrieval Based on Domain Ontology and User Interest	392
<i>Li Nie, Luo Zhong</i>	
E-Marketing of Organic Textile and 4Ps: Social Applications	396
<i>Muhammad Abrar, Tian Zhilong, Muhammad Nabeel Talib, Wang Rui</i>	
Improving Website User Model Automatically Using a Comprehensive Lexical Semantic Resource	400
<i>Banafsheh Safarkhani, Mehran Mohsenzadeh, Amir masoud Rahmani</i>	
A New Combinatorial Optimal Algorithm Based on QEA	405
<i>Yongqiang Zhang, Guihong Li</i>	
Automated Precautionary Measures for Managing System Security Vulnerabilities	408
<i>Duanyang Zhao, S. M. Furnell, A. AL-Ayed</i>	
Antecedents and Consequences of Flow Experience in Virtual Brand Community	413
<i>Zhenquan Sha, Guangwei Gao, Fei Wen, Xiaoyu Wang</i>	
Rules Mining of Web Users’ Visiting Interest Based on Rough Logic	418
<i>Weihong He, Jiaming Zhong, Dingfang Li</i>	
Secure Anonymous Routing in Wireless Mesh Networks	422
<i>Xiangfang Li, Lijun Qian, Joseph Kamto</i>	
Service-Oriented Modeling Method for the Development of an E-Commerce Platform	427
<i>Huiying Gao, Jiayuan Zhang, Roman Povalej, Wolfried Stucky</i>	
Relationship Study between Interdependence and Relationship Performance in the Marketing Channel	432
<i>Hong-min Qu, Li Nuo</i>	
Automatic Service Composition Verification Based on Pi-calculus	437
<i>Yanbin Peng, Lv Ye, Zhijun Zheng, Jian Xiang, Xueqin Jiang, Ji Gao, Jieqing Ai, Zhenyu Lu, Yu Jin</i>	
A Secure DHT Routing Scheme in P2P Networks	441
<i>Yunsong Tan, Zujun Zheng</i>	
Analysis of Feedbacks and Ratings on Trust Merit for Peer-to-peer Systems	445
<i>Jianguo Chen, Huijuan Lu, Stefan D. Bruda</i>	
A System Dynamics Model of the Interaction of Aviation Logistics with Regional Economy Development in Guangxi Faced to CAFTA	450
<i>Changzheng Zheng, Zhixue Liu, Chen Wang, Xiaojing Wang, Binbin Xu, Chen Wang</i>	
A Study on the Competition Model between Innovators and Imitators under the Protection of Intellectual Property Law	455
<i>Weifeng Yao, Xiaobo Chen, Wu Yang</i>	
A Network Monitor System Model with Performance Feedback Function	460
<i>Xiao Wei, Wei Wu, Yunxiang Liu</i>	
A Study on the Information Integrated Mechanism of Tourist Destination Marketing System	465
<i>Zhang Wei, Wang Jiu-wei</i>	

A Model of Evaluating E-Government Service Capability Based on Fuzzy Linguistic Approach	471
<i>Zhou Ping</i>	
Research on Semantic-based Security Services Model of SOA	476
<i>Cuncun Wei, Guanghua Chen, Qianqian Ge</i>	
Taxation in Virtual World: Inevitability and Feasibility	480
<i>Hui Peng, Xiaobing Xu</i>	
Imitation Performance in a Diffusion Network: A NK Model Approach	486
<i>Haoyue Xu, Ruiyu Liu, Liankai Chen</i>	
Research on Customer Value Data Mining Model Based on Rough Set	490
<i>Weihong He, Jiaming Zhong, Zhihui Liu</i>	
Study on River Development Management of Hydropower Enterprise Based on BPM	495
<i>Tian-peng Gao, Pei-yu Ren, Qing-feng Peng</i>	
Study on the Application of Data Mining Algorithms in Credit Card Management	500
<i>Aihua Li, Wenbin Li, Yong Shi</i>	
A Multi-level Marketing Framework for Advertising in Social Network Services	505
<i>Wen-Tai Hsieh, Jay Stu, Chun-Ming Liang, Wenchi Yang, Seng-Cho Timothy Chou</i>	
Dummy Probe Re-transmission Algorithm for Available Bandwidth	511
<i>Yi Yin, Shuifang Yin</i>	
Study of Green Supply Chain and Its Performance Based on Fuzzy AHP and Measurement System	516
<i>Xiaoyu Zhang, Zhao Zhiwei</i>	
The Effects of Online Shopping Familiarity and Internet Self-efficacy on the Formation of Trust toward Online Shopping	521
<i>Gongan Yao, Qi Li</i>	
Textile Enterprise internal Process Simulation and Optimization	526
<i>Xiaobing Yu, Shunsheng Guo, Xiaorong Huang</i>	
Vulnerability Analysis of Service Architecture in NGN	531
<i>Danfeng Yan, Fangchun Yang</i>	
The Effects of Internet Permeability on Regional Economy Growth: Evidence from China	536
<i>Ming-hong Zhang, Mi-jia Wei, Guang-hua Feng</i>	
Network Effects and Market Structure of Network Industries	541
<i>Lifang Zhang, Minghong Zhang</i>	
Using Weight-Retouching and Under-sampling SVM Approaches for Text Categorization on Imbalanced Data	546
<i>He-Yong Wang</i>	
A Binary Ant Algorithm for Partner Selection Problem in the Virtual Enterprise	550
<i>Zhan Junsan</i>	
A Fuzzy Identity Based Signature Scheme	554
<i>Changji Wang, Wei Chen, Yang Liu</i>	
A Study on Risk Evaluation of Real estate Project Based on BP Neural Networks	559
<i>Ju Yao-ji, Meng Qiang, Zhang Qian</i>	
Behavior Trust Prediction and Control Based on Electronic Commerce System	563
<i>Li-Ping Rao, Ming He, Song Huang, Rui Bao</i>	

Study on Quality Control Method of Using The Kalman Filtering	567
<i>Zhang Fan, Liu Yu</i>	
Reasons and Countermeasures for Job Burnout of Female Employees.....	572
<i>Zhang Xiaobing, Zheng Xianming, Zou Xin</i>	
Modeling the Cooperation between Malicious Codes	577
<i>Yu Yao, Jun-wei Lv, Fu-xiang Gao, Ge Yu, Qing-xu Deng</i>	
Third Party E-service and Third Party Service oriented Architecture.....	582
<i>Gang Chen, Waiman Cheung, Sung-Chi Chu</i>	
FMOLP for SP Selection Based on a Fuzzy Similar Relation VPRS Model.....	587
<i>Gan Xie, Wuyi Yue, Shouyang Wang</i>	
Multiple-time-scale Analysis on the Money Supply With Wavelet Transformation.....	592
<i>Hong Lei</i>	
Guan-xi Networks and Sentiment of Institutional Investors in the Emerging E-Society	597
<i>Jijiao Jiang, Jingwen Zhang</i>	
Study on Mine Information Security Based on Multi-view Method.....	601
<i>Liu Tao, Yuan-bin Hou, Ai-ling Qi, Xin-tan Chang</i>	
Scientific Construction of the Cooperative Model for Staff Relationship Management in Enterprises in China	606
<i>Yan Bulin</i>	
A Study of the One-stop E-government Application Model.....	610
<i>Zhu Mingqiang</i>	
Fuzzy Evaluating Method for Channel Research in E-Supply Chain.....	615
<i>Ye Yong, Zhang You-hua</i>	
Implementation of EB Platform for Central Construction Purchasing Based on UML and J2EE Technology.....	619
<i>Haizi Wang, Na Han, Yongchun Wu</i>	
Chinese Internet Firm Emerging: Imitation to Innovation Strategy Modeling	623
<i>Haoyue Xu, Ruiyu Liu, Liankai Chen</i>	
Online Shopping Assistant Based on Multi BDI Agent.....	627
<i>Yu Weihong</i>	
A Research on Development of Chinese B2C E-commerce Trust.....	631
<i>Pan Xia, Ju Xiao-feng</i>	
A Fragile Digital Watermark Used to Verify the Integrity of Vector Map.....	635
<i>Liangbin Zheng, Fucheng You</i>	
Research on Constructivist Collaborative Learning System Based on Blog Platform.....	639
<i>Changjiang Ren</i>	
Effect of E-government on the Efficiency of Information Service	643
<i>Zhu-lan Bai, Bing Cai</i>	
A Threshold RSA Signature Scheme with Traceable Signers.....	647
<i>Runhua Shi, Hong Zhong</i>	
A Comparative Study of Mobile Electronic Commerce Based on the WAP and J2ME Implementation Technology.....	650
<i>Qi Xianjun, Hu Changping, Yang Hongping</i>	
The Study and Application of Group Blind Signature Scheme in E-commerce's Security	655
<i>Yanguang Shen, Hui Xie, Li Yang</i>	

Collaborative Ordering of Enterprises with Differentiated Products under the Protection of Sensitive Information	658
<i>Wang Ping, Zhong Weijun, Lu Fang</i>	
Research of the Talents Cultivation on the Digital Entertainment Based on the Aesthetic Economy	661
<i>Hua Jiang, Xujie Hu</i>	
The Measurement Model of the Customer Value for B to C Website	665
<i>Qi Dan, Huang Jinsong, Chen Rong</i>	
An Evaluation of Regional FDI Quality based on Entropy Weighting Method and TOPSIS	669
<i>Qiaozhi Zhao</i>	
Simulation of Congestion of Visitors Moving in 2010 Shanghai Expo	673
<i>Luo Jin</i>	
Unascertained RBF Neural Network and Its Application in Fault Diagnosis	678
<i>Yan Jun Pang, Wei Pan</i>	
Development of Online Marketing Information System for Wood Products	683
<i>Xuechun Yang, Juying Luo</i>	
A Research on Information-based Strategy in China's Large Real Estate Conglomerates	686
<i>Jianguo Fang, Nan Jiang, Yang Zhang</i>	
Broadband Stacked Annular Ring Patch Antenna for CP Operation	690
<i>Shuai Yang, Quan yuan Feng , Bin Dong</i>	
Study on Collaboration Management Platform of e-Business Based on EAI	693
<i>Chanjun Zhang</i>	
An Adaptive Predictive Arithmetic Based on Phase Space Reconstruction	698
<i>Hui Zhou, Ping He</i>	
Marketing Innovation Strategy for Terminal Product of the Mobile Communications Industry Chain	702
<i>Shaojie Zhang, Xin Wang, Wenfeng Wang</i>	
Research on Phasor Measurement Unit Based on “Beidou I” Satellite Navigation System	706
<i>Bao Ziaohui, Hou Hui</i>	
General Secure ID-based Proxy Signature Scheme with Multi-delegation	710
<i>Xiu-Xia Tian, Hong-Jiao Li, Mi Wen, Yong Wang</i>	
Research on Spatial Spreading Effect of Blue-Green Laser Propagation through Seawater and Atmosphere	715
<i>Zhan Enqi, Wang Hongyuan</i>	
Performance Evaluation and Countermeasures to Modern Information Service Industry in Jiangxi Province	719
<i>Qiong Xia, Huaping Gong</i>	
Applying Multiple Agents to Fuzzy Collaborative Filtering	724
<i>Liu Hongmin, Yin Zhixi</i>	
Two-stage Real Option-based Interest Rate Margin Determination Model in the Context of Alternative E-banking Development Strategies	729
<i>Yong-heng Lu</i>	
Exploration for Regional B2C E-commerce Mode Based on Supply Chain Management	734
<i>Lu-Zhi Ping</i>	

Research on the Collaborative Allocation of General Modules in Product-Family-Oriented Supply Chain in Mass Customization	739
<i>Zhihong Wang, Changjun Wang</i>	
An Information Extraction System of B2B Based on Knowledge Base	743
<i>Yang Cui, Bingry Yang</i>	
Analysis on E-government Outsourcing and its Model	747
<i>Han Na, Li Xiuping</i>	
Fuzzy Comprehensive Evaluation Mode on the Investment Risk of Real Estate based on BP Neural Network and Expert System	751
<i>Yuansheng Huang, Chengfang Tian, Wei Fang</i>	
Design and Security Analysis of AKE Protocol Based on Self-certified Public Key	756
<i>Zhang Hongqi , Cao Binghua</i>	
A Place/Transition Model Based Execution Semantics for Web Service Transactions	761
<i>Xiaoyong Mei, Aijun Jiang, Fudan Zheng, Shixian Li</i>	
Theoretical Model of Consumer Acceptance: in the View of Website Quality	766
<i>Junjun Li</i>	
Study on Profit-making Mode of Industrial B2B Websites	770
<i>Qinghua Zhang</i>	
Integrated E-Learning	775
<i>Li Changlin, Wu Kebao</i>	
Performance models of E-business traffic on the High Speed Train	780
<i>Zhao Yin, Yue Li, Weixi Xing</i>	
Developing Mobile Agent-based ASON Management Systems.....	785
<i>Q. P. Wang</i>	
Research of Mobile Banking Service in China - a Cross Rode of Communication Technology and Financial Innovation	789
<i>Sheng Min, Chi Fei</i>	
An Alternative Realization of the Factoring-Based Transitive Signature Scheme.....	794
<i>Ming Di, Siman Yang</i>	
Confirmatory Factor Analysis on Social Responsibility of Knowledge Intensive Ventures	800
<i>Maoli Tian</i>	
Research on Evaluation Technology of Communication Network Management System.....	804
<i>Zhongqiao Zheng, Yanhong Zhang</i>	
Study on Intelligent E-Shopping System Based on Data Mining	808
<i>Xiaoyan Jiang, Xianyi Qian</i>	
Study on Program Control Servo System Based on DCS.....	812
<i>Yiming He, Xianyi Qian</i>	
Research of Business Intelligence which based upon Web	815
<i>Yujun Bao, Xianyi Qian</i>	
A New Study of DSS Based on Neural Network and Data Mining.....	819
<i>Xianyi Qian, Xianjun Wang</i>	
A Study of Building Data Warehouse Based on Making Use of Its System Structure and Data Model.....	823
<i>Xianjun Wang, Xianyi Qian</i>	

On Financial Risk Control of Chinese Employ's Pension Fund Investment and Operation	826
<i>Jinling Li, Xiaozhong Song, Ming Jiang</i>	
The Design of the Emergency Command Information System	831
<i>Xue Yang, Yi-yang Gao</i>	
Application Research of SSL Encryption on Linux Web server	836
<i>Zhang Debin, Li Youzhu, Jiang Yong, Ma Caixue</i>	
X3D-based Dynamic Interactive 3D Virtual E-shopping Mall	839
<i>Xun Wang, Jianhua Wu, Bailin Yang</i>	
Research on Government Website Performance Based on Grey Correlation Analysis to Thirteen Cities in Heilongjiang Province	843
<i>Wang Wei, Liu XiTao</i>	
A Framework for Investigating the Impact of IT and E-Commerce Capability on Firm Performance: A Resource-Based View	846
<i>Kuang Zhijun</i>	
Survey of Network Management Protocols in Wireless Sensor Network	850
<i>Bin Zhang, Guohui Li</i>	
Construct the Net Auditing Architecture Based on E-commerce	855
<i>Bo Shen</i>	
Emotional Intelligence of Project Team	859
<i>Li Lin, Ou Chanjuan, Zheng Huiyun</i>	
Applied Research on Collaborative E-Commerce System in the Liquor Business	863
<i>Wenjing Ren</i>	
Analysis and Configuration of Enterprise Management Information System Based on the Supply Chain Theory	866
<i>Zhu Wenhui, Huang Chunmiao, Dai Feng, Guo Junqiang</i>	
The Research of SET-based Electronic Payment System Model	870
<i>Hong-jun Guan</i>	
An Information System Security Risk Assessment Model Based on Fuzzy Analytic Hierarchy Process	874
<i>Dong-liang Liu, Shi-song Yang</i>	
Software Intellectual Property Rights Protection in China	878
<i>Hong Ma, Yongming Cai, Zhiwen Zhang</i>	
The Research of Enterprise's Business Model based on Systemic View	881
<i>Wang Xiaoming, Li Shiming</i>	
Study on Relization of Energy Monitoring and Management System for Metallurgical Enterprise	885
<i>Xin Ma</i>	
Studies on Innovation Mechanism of Service System Base on Alliance Network	889
<i>Wu Cui-hua, Zhang Jin-zhi</i>	
The Auto-Adapted Assembly Device Meet the Reorganization of the Government Affairs	893
<i>Qing Zhu, Yuan Yuan</i>	
Constructing new Model of Management Information System under E-commerce Environment (ECMIS)	897
<i>Song De-jun</i>	
Security Evaluation of Hosts Based on Network Traffic	901
<i>Cuixia Gao, Zhitang Li, Lin Chen</i>	

An Improved Collusion-resistant Public-key Traitor Tracing Scheme	906
<i>Guan Peipei, Yang Yixian, Niu Xinxin</i>	
A Study on Novelty-Centered Business Model Based on Value Co-Creation of IKEA	909
<i>Yang Yang, Shiming Li</i>	
Application And Research Of Analytic Hierarchy Process In Project Investment Appraisal And Decision-Making	913
<i>Xinli Wang, Jianghua Ma</i>	
An Evaluation System for Network Attack Effect Based on Fuzzy	917
<i>Yan Cao, Lijuan Zhang, Hao Wu</i>	
Research of Unascertained Measure for The Effect of the Intellectual Capital on the Enterprises Performance	922
<i>Meidan Xiao, Junjuan Liu, Bin Liu</i>	
The Hybrid Model of Speech Recognition Based on HMM and HMMNN	926
<i>Wang Sheguo, Tong Jianing, Yuan Yujin</i>	
Research on the Knowledge Management of the College Students' Organizations	929
<i>Dao-jian Yang, Xi-cang Zhao, Hong-bo Li, Ming-shuan Du</i>	
The Analysis for Quality Accreditation of Business School	934
<i>Yong-an Zheng, Ao-Sun</i>	
Elasticity Government Affair Workflow Based on Mobile Agent	938
<i>Rong Luo, Min-Xia Zhang</i>	
The Unascertained Comprehensive Appraisal Model on Mechanical Process Plans	941
<i>Yanjun Pang, Litao Ma, Wenguo Li</i>	
A Random Oracle Model for Information Hiding Resisting Extracting	946
<i>Guangming Tang, Jing Liu</i>	
Describing and Verifying Semantic Web Service Composition with MDA	950
<i>Zhengdong Zhu, Ronggui Lan, Ruifang Ma, Yanping Chen</i>	
Targeted Advertising Based on Intelligent Agents in e-Commerce	956
<i>Shugang Liu, Peihua Liu</i>	
Research on Disputes About the Reputation Right in Networks	960
<i>Qing Ye</i>	
Study on Pre-integration Corporate Cultural Risk Comprehensive Evaluation	966
<i>Renzhong Peng, Weiping Wu</i>	
Analysis on the Consumer's Online Information Search Behavior	970
<i>Guan Hai-ling, Cheng Bao-dong</i>	
E-learning with Computer Technology in Handicapped Higher Education	974
<i>Li Bian</i>	
Web Service Architecture and Application Research	978
<i>Xuelei Wu, Jia Chen</i>	
Research on Structures of Logistics Information System Based on Enterprise Internal and External Network	983
<i>Shiwei Lin</i>	
A VO-based Security Architecture for Authentication and Authorization in Grid	986
<i>Yan Yang, Xingyuan Chen, Bin Zhang, Binglong Li</i>	
A Load Balancing Schedule Strategy of Web Server Cluster	991
<i>Wei Wang, Hong-yan Zhang</i>	

Client State Management System Development Based on the Lightweight Java EE Architecture	996
<i>Pingjian Zhang, Xiaoyi Chen, Jianqing Xi</i>	
Automation Negotiation System Based on Web in MTR Construction	1001
<i>Zhou Ying, Ding Lie-yun</i>	
Integration Research of SOA in the Coal Mine Information System	1005
<i>Bingjiang Gong, Jian Han</i>	
An Advanced Distributed MDS-MAP Algorithm for WSNs	1009
<i>Rao Wenbi, Zhu Huajun, Zhang Lu</i>	
Data Packet Design Based on Embedded Systems for Wireless Mobile Networks	1014
<i>Xiangtao Qi, Shijue Zheng, Pingping Wang, Lingyan Hong</i>	
The Impacts of Risk Attitude and Information Structure on Corporate Political Activity in Equipment Procurement: A Linear Contract Model	1018
<i>Hai-long Liu, Jian Li</i>	
Research of Home Network Based on Internet and SMS	1021
<i>Liu Pu</i>	
The Newsboy Problem with Online Dual Channels	1026
<i>Liu Bin, Zhang Rong, Bai Hongyuan, Hou Yunhe</i>	
A Modification on Public Key Infrastructure Application	1031
<i>Wuzheng Tan, Wenshan Yang, Maojiang Yang, Feng Ye, Suocheng Zhang</i>	
Exploration on Operation of Online Virtual Currency	1035
<i>Hong Wu, Hui Peng, Youwei Zhu</i>	
Grid-based Business Continuity Management Mechanism of E-Business	1039
<i>Chen Gang, Hu Ke-jin</i>	
Research on China's E-commerce Taxation Based on the Principal-Agent Mechanism	1043
<i>Liu Wei, Chaoming Du</i>	
Adaptive Optimization Control Based on Improved Genetic Algorithm and Fuzzy Neural Network	1048
<i>Pengdong, Fengdai, Ningxia Li</i>	
Secure Homomorphic Aggregation Algorithm of Mixed Operations in Wireless Sensor Networks	1052
<i>Juan Wei, Shanqing Guo, Qiuliang Xu</i>	
The Application of Conflict Analysis in Enterprises - University - Research Institutes Strategic Alliance	1057
<i>Luo Shi-xi, Yan Jun-zhou</i>	
A Conceptual Model of E-Commerce Sale Service for Manufacturing Industry	1062
<i>Feichang Ma, Tao Lu, Guoliang Zhan</i>	
Collaborative E-business Platform Construction of Tourism Industry based on Value Network	1067
<i>Jie Yang, Guofu Jiang</i>	
Game Analysis on the Building of a Virtual Platform of Regional Universities' Logistics Group	1070
<i>Wang Zushan, Luo Zewei, Zhong Yupin</i>	
A Survey on Anonymity-based Privacy Preserving	1073
<i>Jian Wang, Yongcheng Luo, Shuo Jiang, Jiabin Le</i>	

ID-based Non-interactive Deniable Authentication Protocol from Pairings	1077
<i>Xin Xiangjun, Chen Dongsheng</i>	
The Design and Assessment of Web Data Analysis System	1081
<i>Junping Qiu, Li Luo</i>	
Information Technology, E-learning and Organizational Learning	1086
<i>Jiping Zhu</i>	
Influence of RMB Appreciation on Different Import Subjects of Agricultural Products	1090
<i>Jiasheng Zhang, Yu Zhang, Yu Zhao</i>	
A Simple Encryption Scheme Based on WiMAX	1094
<i>Cuilan Luo</i>	
A Review for the Risks and Challenges of Mobile Commerce Development	1098
<i>Jinlong Zhang, Yuqing Liu, Shan Liu, Lei Nie</i>	
Study on Measuring the Contribution of Science and Technology by S&T Project Based on PCA	1102
<i>Yin Linsen</i>	
Competitive Risk Analysis of Online Limited Supply Auction	1106
<i>Lili Ding, Xinmin Liu, Wanglin Kang</i>	
The Research on Workflow Management System Based on Grid Environment	1110
<i>Xiaogao Yu, Xiaopeng Yu</i>	
Integration of Reality and Virtual: A Case Study of Web-based Marketing Alliance in China	1115
<i>Li Zhifei, Ding Liming</i>	
The Pathology Information System Base on B/S	1119
<i>Geng Shichao, Wang Yuzeng, Wang Qing, Wang Lin</i>	
MZ: An Ubiquitous Communication Protocol in Industrial Environment	1122
<i>Yuhuang Zheng</i>	
Study on Internet Purchase Behavioral Intention	1126
<i>Xiuli Yao</i>	
Parsing Campus E-Business Based On Trade Website in College	1130
<i>Weng Su-xiang, JinYong-sheng</i>	
Agricultural Intellectual Property Management and Informatization under the Development of Modern Agriculture Background	1133
<i>Ying Ping</i>	
The Construction of E-Business Portal Based on Struts, Spring and Hibernate	1137
<i>Jiya Jiang, Tong Liu, Yu Liu</i>	
Research of Duplicate Record Cleaning Technology Based on a Reformative Keywords Matching Algorithm	1140
<i>Hu Yan, Li Wei, Qiu Ying, Wu Wei</i>	
Study of Digital Signature with Encryption Based on Combined Symmetric Key	1145
<i>Wu Suyan, Li Wenbo, Hu Xiangyi</i>	
Development and Experience of the E-government of Taiwan Province	1149
<i>Jie Huang, Zhirong Yang</i>	
Differentiated Services for Internet QoS and its Implementation on Linux	1154
<i>Shugang Liu, Peijin Wang</i>	

The Simulation Research of Oil Products Distribution Process from a Service-Oriented Perspective	1158
<i>Qing Zhou, Zhigang Qiao</i>	
Security of Tax Management Information System	1162
<i>Bo Yan, Yiyun Chen, Guangwen Huang</i>	
Design of a Recommendation Filtering System in Mobile Commerce	1166
<i>Zheng Wan</i>	
The Governance Mechanism of Global Value Chain: A View of Rent Theory	1170
<i>Ying Liang, Jiang-bo Zheng</i>	
Improved Negative Selection Algorithm Based on Bloom Filter	1175
<i>Zhu Tieying, Liu Shaojun, Ma Zhixing, Zhou Zhiguo</i>	
Probe into the Effective Management Mechanism for Risks of Credit Sale in Marketing	1179
<i>Enzhu Li</i>	
Study on Strategy of Account Security Based on SQL Server Database	1183
<i>Hong-yan Zhang, Wei Wang</i>	
Tourism E-commerce Business Model Innovation Analysis	1186
<i>Junmei Zhang</i>	
Research and Implementation of Fault Diagnosis System on Oil Field Based on Intelligence Integrating	1191
<i>Zhao Feng-zhi, Bao Feng, Lu Xiao-chang</i>	
Gaining Insight to Customer Behavior based on Time Series Data	1195
<i>Xiao Wei-ping</i>	
Study on and Development of the Information System for Digital Quality Audit and Control	1200
<i>Xianlin Ren, Genbao Zhang</i>	
Research on Structure and System of Intelligent and Immune Quality Control	1204
<i>Xianlin Ren, Genbao Zhang</i>	
Research on the Application of System Dynamics in the Physical Education Curriculum Reform	1208
<i>Liu Min-hang</i>	
Analysis of Problems and Trends of Decision Support Systems Development	1216
<i>Yukui Sheng, Sheng Zhang</i>	
Research on Enterprise Growth Based on Capability Theory	1219
<i>Liu Zaizhi, Wen Xingqi</i>	
A Study on Online Consuming Tendency Model	1223
<i>Xuewu Shen</i>	
Opportunities and Challenges for Development of International electronic business	1228
<i>Ming Luo, Rui Luo</i>	
A Study on Enhancement and Perfection of Domestic Tourism Websites in China Based on Advantages Analysis of www.China-sss.com	1237
<i>Zhiyong Fan, Xiaoyan Zhang</i>	
Aspectual Interactions for Adaptive Behavioral Web-Services with tailored Maude-based Certification	1242
<i>Ali Alqahtani, Hussein Zedan</i>	

Research on Cross-enterprise Employees Motivation Management Model Based on Internet Platform	1257
<i>Xin Zheng, Minghai Ye</i>	
Research on Dynamic Cache Distribution Scheduling Algorithm on Multi-core Processors.....	1262
<i>Benhai Zhou, Jianzhong Qiao, Shu-kuan Lin</i>	
Grouping Strategy of Collaborative Learning: Cluster Analysis	1266
<i>Aihong Liu</i>	
Establishment Decision Rules for Turnover of Nursing Staff – Applying Rough Set Theory.....	1271
<i>Chung-Hsiung Fang, Sue-Ting Chang, Guan-Li Chen</i>	
Sellers’ Pricing By Bayesian Reinforcement Learning.....	1276
<i>Wei Han</i>	
Applying Structural Equation Model to Study of the Relationship Model among leadership style, satisfaction, Organization commitment and Performance in hospital industry	1281
<i>Chung-Hsiung Fang, Sue-Ting Chang, Guan-Li Chen</i>	
Research for Synchronic Audio Information Hiding Approach Based On DWT Domain.....	1286
<i>Wang Junjie, Mei Dongxia, Mo Qian, Yao Jun</i>	
Modeling and Simulation for an Improved Grey Theory Approach in Cars	1291
<i>Huang hua</i>	
XML API-based Test Framework of Extension Interface Using Software Mutation Analysis for Component	1295
<i>Xia Qiming, Nie Nan, Yao Junfeng, He Keqing</i>	
The New Prospects and Requirements of the Development of E-government in China	1300
<i>Wu Qunli, Tan Xue, Zheng Hong</i>	
Author Index	