2010 Second Pacific-Asia Conference on Circuits, Communications and System

(PACCS 2010)

Beijing, China 1-2 August 2010

Volume 1 Pages 1-497



IEEE Catalog Number: ISBN:

CFP1053G-PRT 978-1-4244-7969-6

PACCS 2010 Volume 1 Content

Haifeng Wang, Youxin LÜ
The design of locomotive alarm and parking system based on infrared communication Wang Xianzhen, Miao Changyun,Yan Huan,Zhang Cheng
Fiber Grating Temperature Demodulation System Design of Smart Garment Li Zhenyu,Miao Changyun,Ye Chunqing,Song Huichao
Performance Evaluation of an Improved Distributed Power-Control Scheme for Cellular Mobile Systems Mostafa Rezayi , Hamid Farrokhi
The Impacts of Network Size on the Performance of Routing Protocols in Mobile Ad-Hoc Networks Seyed Ali Hosseini, Hamid Farrokhi
On Constructing Infinite Families of Optimal Double Loop Networks Xiaolin Wang,Jianqin Zhou,Yuhua Guo,Yi Wang
Review of Routing Metrics and Protocols for Wireless Mesh Network Shubat S. Ahmeda, Eman A. Esseid
A Method to Eliminate BGP Divergence Based on AS Relationships Hongjun Wang, Wanping Hao, Xin Zhao
Design of Power Supply System for TMS320DM644x SoC Wentian Huang,Jinping Li
Chattering-free Sliding Mode Control for Linear Uncertain Systems with Multiple Time-delays Chen Wenyi,Gao Cunchen,Zhao Lin
Decomposition based Granule of Concept Lattice in Network Communication Ma Yuan,Liu Zhangang ,Zhou Chengyi
Simulation and Test on Braking Performance of Heavy-duty Truck with Multi-axis Braking System He Hao, Dengfeng Wang, Shuming Chen, Shengqiang Liu, Shaoxian Bu
Modeling and Simulation of Logic Circuits using CNFETs and Interconnects Ebrahim Abiri, Mohammad Reza Salehi, Zahra Mehrjoo5
Reformation of an SiGe HBT Structure for Reducing the Effect of Parasitic Barriers Ebrahim Abiri, Mohammad Reza Salehi, Mojtaba Shahraki, Zahra Mehrjoo
Multi-Application PIN Diode Ebrahim Abiri, Mohammad Reza salehi, Shahamat Kohan, Mohammadsadegh Mirzazadeh 60

Human Silhouette Extraction on FPGAs for Infrared Night Vision Military Surveillance Iffat Zafar, Usman Zakir, Ilya Romanenko, Richard M. Jiang, Eran Edirisinghe
Design and Implementation of Wireless Sensor Network Monitoring System Shengnan Hao ,Zheng Yao,Zhaohua Wang
Maximum Efficiency Point Tracking Algorithm for Photovoltaic Power Generating System Cheol-soon Kwon, Won-kyun Choi, Feel-soon Kang
Layout Optimizations of Adiabatic Booth Multipliers Jintao Jiang, Binbin Lu, Jianping Hu75
The Intuitionistie Fuzzy Sets on Evaluation of Risks in Projects of Enterprise's Informationization Jingmin Wang, Yanfu Sun, Junjie Kang, Duanmei Liu
Implementation of simple video clip device Based on Directshow Zhengang wei,Yan ding
Scheduling Algorithms in Wireless Mesh Networks: A Review Mahdieh Ghazvini, Naser Movahedinia, Kamal Jamshidi 86
Pulse Design Method for UWB Vehicular Radar System Bin Xia, Gang Liu, Hong Xie, Qian Liu-91
P-Type Complementary Pass-transistor Adiabatic Logic Circuits for Active Leakage Reduction Jianping Hu,Lifang Ye
DBSCALE: An Efficient Density-Based Clustering Algorithm for Data Mining in Large Databases Cheng-Fa Tsai,Chun-Yi Sung
The Right Perspective on Food Safety Issues Zhang Run-hao,Zhong Rai-yan
Study on Comparison between JAFMAS and JADE Xue Jinkai,Yu Weihong
Prediction of track irregularities using NARX neural network Song Liu ,Xuemiao Pang,Haiyan Ji, Hao Chen
Video Segmentation by Audio Hashing Shilin Zhang, Hui Wang
A Optimum Coding (OC)Schema for Information Management System Ce Fan

Design and Development of City Street-lighting Energy-saving System	
Chunyu Liu, Quangen Wang, Ting Wang, Fangyuan Zhang	····· 178
Reducing Cognitive Load Through Virtual Environments Among Hearing-impaired Students	
Chien-Yu Lin,Pi-Hsia Hung,Li-Chih Wang,Chien-Chi Lin	183
Operating Condition recognition in Ball Mill based on Discriminant PLS	
XIAO Hui,ZHAO Li-Jie, DIAO Xiao-Kun	187
Coplanar Waveguide Method for Identifying the Surface Wave Band-gap Range of Mushroom-like	
Electromagnetic Band-gap Structure Zhengheng Mi, Jiadong Xu, Fuguo Zhu, Gao Wei, Chong Zhang	101
	-,-
Adaptive Scheduling Algorithm for Video Streams in Wireless Local Area Networks Runhua Liu,Linfang Dong,Shang Liu	105
Kuillua Liu,Lillang Dong,Shang Liu	195
Research on Patent Information Retrieval Based on Ontology and Its Application	
Zhai Dongsheng,Chen Lei ,Wang Liqing ·····	199
Adaptive H.264 Video Coding for Low-Complexity Decoding in Packet-Loss Environment	
Kun Zhao, Yuan Zhang, Yuanhang Guo	203
A multiobjective ACO algorithm for rough feature selection	
Liangjun Ke, Zuren Feng, Zongben Xu, Ke Shang, Yonggang Wang	···· 207
Analysis and Anti-jamming Performance of Partial Band for IDMA Systems	
Feng Zhang, Xingzhong Xiong, and Xin Liu	····· 211
Application of Self-tuning Fuzzy Control in the Chain Furnace Combustion Optimization	
Lou Guohuan,Gao Xiaowei,Chen Zhenquan ····	····· 215
Research on A Novel Combind Optimization Method Based on MA and PS	
Jiang Weijin,Xu Yusheng	219
The Design and Implementation of Sip Control for Multimedia Confrerence System	
Wei SU, Bo CHENG, Junliang CHEN	223
Outinities O Factor of Sancon Spinel Automa	
Optimizing Q Factor of Square Spiral Antenna Muhammad Asad, Junaid Gilani, Adnan Khalid , Mian Shahzad Iqbal·····	227
Ultrasonic Based Pressure Measurement by Using Cross-correlation Jiaoying Huang, Cheng Gao, Xiangfen Wang	221
	-01
Monitor system of power network parameters basing on optical fiber sensor Xiao-Na Bian, Wen He, Hui-Yun Han	005
ΔΙάθ-1λα Diali, VV Cli 11C , 11ul-1 uli 11ail	4.35

A Novel Multiuser Detector Based on Immune Clone Selection Algorithm
Yonggang Wang, Zhuren Feng, Licheng Jiao
Design and Implementation of Network-based Virtual Keyboard for the Remote Alarm Supervisory System
Panguo Fan, Xingmao Haoy, Hairui Zhou
Research on Total Quality Management Based on AHP
Genglan Wang,Xin Li
Intuitionistic fuzzy residuated logic and Galois connection
Lei Zhou249
WMIC-Based Technology Server Network Management Software Design
Hui Peng,Yao Wang ······ 253
The Improved EMD Method Based on SVD Diagnose of Attractor
Yu Yuan, Baoliang Li, Shixuan Yao257
Research on Evaluation Methods of Projects
Daojin Fan,Aifen Sun
Research on China's ERP project management and effective implementation
Daojin Fan,Xiaomin Yan
Analysis of Power Industry's Technological Progress Contribution Based on Solow's Residual Method
Yonggui He ,Shengnan Niu,Yunqiao Ti ,Yanfu Sun
Analysis of capital in Shandong Province Volleyball
Liu Min-hang,Yuan Shuping
A Research of the Remote Enterprise Management System
Yi Qian, Jichao Zhao,Yilin Bei276
Traffic Analysis for WiMAX Network under DDoS Attack
Maryam Shojaee, Naser Movahhedinia, Behrouz Tork Ladani279
Study on the Wavelet Threshold Image De-noising Method
Jijun Li,Yuqin Guan,Xia Jing, Chunwang Zhao, Lin Lin
Study and Application of Path Ambiguity Based on SVM and License Plate Recognition
Gengxian Zhu,Xiuli Wang
Design of Distributed Warehouse Management System Based on CSLA.NET
Fan Zhang, Yanbin Cui

Situation Modeling and Identifying under Uncertainty	
Chunchen Liu, Dayou Liu, Shengsheng Wang	··· 296
Near-Threshold Full Adders for Ultra Low-Power Applications	
Jianping Hu , Xiaoying Yu ·····	300
Fault Diagnosis of Air-conditioning Fan Basead on RBF Neural Networks Algorithm	
Wang Yi	··· 304
The Fault-Tolerant Design and Fault Injection Test for Embedded Software	
Wang ping	307
Intelligent Bees for QoS Routing in Networks-on-Chip	
Peibo Xie, Huaxi Gu	···· 311
An Efficient Adaptive Multi-hop Routing Protocol to Avoid Congestion for Wireless Sensor Networks	
Md. Golam Sarwar Bhuyan,Md. Shirazul Hoque Mollah,Md. Nazmul Basher	315
Research on Query Technology in Spatial Database	
Lijing Zhang,Xuanhui He	319
WMIC Realize Enterprise Remote Information Management	
Hui Peng,Yao Wang ·····	··· 323
Design of a Configurable Multichannel Interrupt Controller	
Wei Chipin,Li Zhaolin, Zheng Qingwei, Ye Jianfei, Li Shenglong	327
Implementation of an Instruction Dispatch Unit Applied to Digital Signal Processors with VLIW Architecture	
Qingwei Zheng,Zhaolin Li, Jianfei Ye, Chipin Wei , Jiajia Chen	331
Design of a Configurable General-Purpose Input/Output with Event-Capture	
Ye Jianfei, Li Zhaolin, Wei Chipin, Zheng Qingwei, Chen Jiajia·····	335
802.1X RELAY: A NEW MODEL FOR AUTHENTICATION OF NAT-ENABLED ROUTER	
Weilin Xu,Guanglin Xu,Hua Zhang ······	339
Research on the Reliability Technology of Heterogeneous Systems Information Integration in the	
Networked Manufacturing Xianwang Li, Wei Tong, Liwei Pan	0.40
Alanwang Li, Wei Tong, Liwei Fan	343
The Measurement of Power Plant Desulphurization System to Improve Atmospheric Quality Effect	0.4-
Shenghan Zhang ,Caiqing Zhang	····347
Programming Design of Digital-Down Converter Based on Software Radio	
Bai Fengming, Lv Xiaoli , Yan Fei	···· 351

The Design and Implementation of a Farmland Monitoring Wireless Sensor Network Guoming Sang ,Liwei Song
Guoining sang ,Liwei song
Design and Implementation of Data Transmission Platform based on 3G Network
Fuxiang Gao, Wenxin Xue
UC-EBG on Reflector for 3.45-GHz Frequency Band Antenna Array Application
Dong-Nuan Cui, Yuan-An Liu, Shu-Lan Li,Cui-Ping YU
StudStudy on GIS substation for the Insulation Coordination
Wang Dahu, Wu Bing, Lu Hui, Hu Zhiguo
A Circuit Design of Natural Logarithmic Resistance/Period Conversion in Semiconductor Resistance Sensors
Jijun Li, Yuqin Guan, Xia Jing, Chunwang Zhao, Yongjun Jin
A Charles of Tata and the Carle of Language Control and Antifact Named Natural State Deal Estate Englanting
A Study of Integrating Artificial Immune System and Artificial Neural Network in Real Estate Evaluation Pin-Chang Chen, Ke-Jun Zhu, Yu-Teng Chang
ML Synchronization Algorithm and Estimation Bounds for Cooperative Systems Yuan Tian, Xia Lei, Yue Xiao ,Shaoqian Li
Tuan Tian, Ala Lei, Tue Alao ,Shaoqian Li3/9
Design and Implementation of Real-time Automatic Measuring System for the Vehicles' Speed
Xiaojie Liu, Yinsheng Luo 383
Coordinated scheduling and precoding in multicell MIMO system
Xin Xia, Gang Wu, Shu Fang, Yuan Tian , Shaoqian Li
Wideband energy detection for partial-band interference in FFH systems
Zhiqiang Zhou ,Shaoqian Li , Yufan Cheng
The Analysis of China Floatria Power Marketing and Strategies
The Analysis of China Electric Power Marketing and Strategies Hongyan Liu
Study on Improved Scale Invariant Feature Transform matching algorithm Youliang Yang, Weili Liu ,Lan Zhang
The Cold Rolling Strip Surface Defect On-Line Inspection System Based on Machine Vision
Jie Zhao, Yongmin Yang ,Ge Li ······ 402
Laterally driven tunable capacitors fabricated by a surface micromachining process for RF circuits
Qingquan Liu
Management Methods of Spatial Data Based on PostGIS
Lijing Zhang, Jing Yi410

An Interference Avoidance Power Control Algorithm Based on Game Theory Liu Zhanjun, Liang Chengchao, Chen Yun, Deng Huan, Reng Cong414
Study on Panoramic Image Stitching Algorithm Jubiao Li , Junping Du
A kind of evaluation algorithm based on the fuzzy comprehensive method for fatigue cracks GAO Qing-ji,JING Ming-lan ————————————————————————————————————
A Secure and Efficient User Authentication Protocol for Two-tiered Wireless Sensor Networks Rong Fan, Ling-Di Ping, Jian-Qing Fu, Xue-Zeng Pan
Optimal Location of UPFC for Enhancing Voltage Security and Relieving Congestion Using Particle Swarm Optimization M.T. Ameli,S. Hashemi ————————————————————————————————————
A Novel Approach for Test Data Volume Reduction with Multiple Scan Chains Jie Liu, Maoxiang Yi, Fayong Zhao
Study on the Distributed Key Generation Algorithm in Mobile Ad-Hoc Networks Jijun Li, Quanlong Liu, Anxiang Wang, Chunwang Zhao, Lin Lin
Design Radar Signal Interface for Navigation Radar/ARPA Simulator Using Radar Display Liu Xiuwen,Yin Yong,Jin Yicheng , Zhang Xinyu
Near-Threshold Adiabatic Flip-Flops Based on PAL-2N Circuits in Nanometer CMOS Processes Jianping Hu , Xiaoying Yu
A High Efficiency CMOS Rectifier Circuit for 900MHz Passive RFID Tags Song Ye,Jun Fan ——————————————————————————————————
Decomposition and Composition Mechanism Applied in Control System Modeling language Zhumei Song, Di Li
Sound Loudness Research on Acoustic-structure Coupling Field in an Enclosed Cavity Jixuan Yuan, Zhumei Song
Service Chain Optimization (SCO) Scheme Based on Business Performance Youngkon Lee 463
QAM: QoS-Assured Management for Interoperability and Manageability for SOA Youngkon Lee 468
Quality Factors of Business Value and Service Level Measurement for SOA Youngkon Lee

Research on risk assessment model of information security based on particle swarm algorithm -RBF neural network
Niu Honghui, Shang Yanling······ 479
MOSFET Simulation Using Neuro-Fuzzy Network
Mahboobeh Izadian , Fardad Farokhi , Mohammad Reza , Fallahzadeh
A Line Labeling and region Growing Based Algorithm for Binary Image Connected Component Labeling
Feng Zhang ,Shunyong Zhou, Wenling Xie
Author Index49

2010 Second Pacific-Asia Conference on Circuits, Communications and System

(PACCS 2010)

Beijing, China 1-2 August 2010

Volume 2 Pages 1-331



IEEE Catalog Number: ISBN:

CFP1053G-PRT 978-1-4244-7969-6

PACCS 2010 Volume 2 Content

Design of CAN Communication Network in Automobile ECU Testing System Wen-xiong Wei, Jiang-wei Guo, Sheng-long Liu, Miao Yu
Performance Analysis of Random Access System with Monitoring Function Ding Hongwei, Zhao Dongfeng, Zhao Yifan, Liu Zhenggang, Ma Xiaohui
A Method for Fault Diagnosis of Analog Circuits Based on Optimized Fuzzy Inference Zhiyong Luo, Min Xiang, Haofei Xie, Ping Wang
Analysis of Practical Control Tactics on Built Environment Intelligent Control System Lin Qiu , Lifeng Wei , Chunwang Li
A kind of Dynamic Encryption Algorithm and Its Application Hui-yi Zhang, Qin-sheng Zhou, and Yong Tao
Strip Surface Defect Recognition Algorithm based on PCA and Improved BP Neural Network Yan-Xi YANG, Yi DENG, Qi LI,Ping CHEN, Xin-yu ZHANG19
Strip Surface Defect Detection Algorithm Based on Background Difference Yan-xi YANG, Qi LI, Ping CHEN, Xin-yu ZHANG
Visual Tracking for Soccer Robot based on Adaptive Kalman Filter Yan-Xi YANG, Yi GAO, Xin-yu ZHANG
Design of Visual Based-FPGA Ping-pang Game with Multi-Models Guoping Zhang, Mande Xie
The Safety Analysis of IPSec based on IPv6 Protocal Hongyan Li, Xueying Zhang, Jiaqi Fan
Research on the solution of product configuration based on constraint satisfaction problem Liu Qiong , Xu Yang, Xie Jing , Wang Yulin
The Performance Evaluation and Empirical Analysis of China Social Security Fund Portfolio HY. Li
Design of High Precision CMOS voltage reference Kunming Cai, Jili Tao, Qixin He
Research on Multi-Agent Cooperation Mechanism Based on Game Theory ZHANG Lieping, CHENG Dafang, ZHANG Yunsheng
The Research of Wireless Sensor Network Routing Algorithm for Underground Qiao xuegong, Chen yan, Ma fuchang55

Application and Research of Communication Network based on Dual Bus Intelligent Sensor Song Nianlong, Zhang Xinyu, Li Qi, Mao Shaojing, Xu Lu
Short Term Forecasting of Shanghai Composite Index Based on GARCH and Data Mining Technique Wei Shen, Yanmei Han
Agent-Based Semantic Web Service Composition Model Hao Tian 67
Multi-Scale Traffic Matrix Estimation Algorithm ZHOU Jing-Jing, ZHU xu-dong
Clustering Processing Ant Colony Algorithm XianMin Wei
Research and Application of Conditional Probability Decision Tree Algorithm in Data Mining XianMin Wei
Research on Routing Technology in Broadband over Power Line Xiaoyong Song, Qiang Sun 81
The Research of Indirect Measurement of High-Frequency Clock Yongfeng Guan, Jianghua Cheng, Xishu Ku, Jurong Liu
A Multipath QoS Routing Algorithm based on Entropy in Ad Hoc Networks Jin Lian, Xiao-yan Zhu89
The Magnetic Field Analysis and AC Loss Calculation for the Cable-in-conduit Super-conductor Coil Hongmei Li , Tian Tian , Jiangming Yang
Calculation of Nb3Sn superconducting Magnet's Inductance and distribution of Electromagnetic Force Hongmei Li, Jun Du, Zhirui Zhou
The Application and Implementation of SIP in Next Generation Network(NGN) Xueying Zhang, Chunhui Fan, Hongyan Li
Fuzzy Control based Energy Management Strategy for Combined Power System Jian-Jun Shi, Tao Sun
A Kind of Controlling and Management Method for Embedded System Software and its Hardware Testing Software
Li-xia Lei, Hao Wu
YE Feng113

Effect of different phosphate on goose tenderness
Haiyan Gao, Jie Zeng, Hanjun Ma, Guanglei Li117
Design and Implementation DDS based on FPGA
Jia Kejun, Lv Ying, Wang Huiqin ·······121
ou rejuit, 24 Ting, wang Itulqin
Research on Mechanisms of Efficiency and Reliability of Data Distribution Servers
Huang Qiubo, Ma Hui
Research of Mapping XML DTD to Relational Schema
LIU Huiling, YE Feng·····129
Reduction techniques of the end component of PMLSM
Qing Hu ,LP. Hai , JK. Si , HCH. Feng
Qiig 11u ,L1 . 11ai , JK. Si , 11C11. Pelig
Design of Electric Power Field Test System Based on SCM and CPLD Technology
Guo Rongxing ······ 137
A Multiple Classifier Selection Method with Self-adaptive Preferences
Ai-zhong Mi, Jing Liu141
Design of An Ultra High-Speed Voltage Comparator
Jian-feng Wang, Ji-hai Duan ····································
Jani-leng Wang,Ji-nai Duan145
3D Space-Time Detection Based Control Points Selection of DSA
Fan Zhang, Bo Li
Studying of Fuzzy Logic Control Semi-active Suspension Based on Improved Genetic Algorithm
Jingjun Zhang, Zhiqiang Xu, Ruizhen Gao, Weisha Han 153
Crawling Web Pages with Application in Online Advertises Monitoring System
Xie Zhengao, Su Shoubao,Xu Huali
Design and Research of High Precision Information Flow Measurement System
Zhao Yubin, Li Yali, Zhao Yong, Wang Jiacheng161
An Operation Mode of Manufacturing System for Traditional Chinese Medicine Based on Equipment
Integration
H. S. Huang, Q. S. Xie , S. B .Li············165
Hybrid Programming for Simulation of Axial Symmetry Ablation
Haiming Huang
December 1 Notes to Lawrence December 1 November 1 Nove
Power Data Network VPN Deployment Based on PBB and H-VPLS Lu Feng, Xu Lei
1/4

Efficient Hash Chain Traversal based on Binary Tree Inorder Traversal Jian-qing Fu , Chun-ming Wu, Ji-yi Wu, Rong Fan, Ling-di Ping	78
	Ū
Electronic Innovation Design Manufacturing Practice Based on CAD	_
Liu ZhaoYu ······ 18	32
An Ant Optimization Method for Path Planning on a Cuboid	
Xu Huali, Su Shoubao , Yang Yang ······ 18	36
A Charles of the Tarkenneted Tarkenness what is a said to relative Information District of Year at a Discrep Delta	
A Study of the Integrated Transportation and Logistics Information Platform of Yangtze River Delta Hao Wang, Wei Liu	90
A Study of the Automated Logistics System of YOUNGOR's Distribution Center	
Hao Wang,Xubin Qin) 4
Research on Transmission Protocol Based on Combined Symmetric Key	
Ying Li, Guifen Zhao, Liping Du 19)8
The Realization of Amplifying Circuit Characteristics Test Based on Synchronous Sampling Qing-hua Wu, Zi-wei Zheng, Shao-hua Chen	∩1
Qing hua Wu, Zi-wei Ziichg, Shao-hua Chen	71
Designand Realization of a High-Precision Numerical control Current Souse	
Zhao Dongbo, LI Hui)5
Comparison of MAC Protocols between WiMAX and LTE	
Zhongmin Li, Lu Gao, Min Liu 20)9
Study on the Dynamical Characteristic for Voltage-feedback BUCK Converter in CCM Yuan chenhu, Wan jianru, Li Guangye, Zhou Hailiang	19
Tuan chemia, wan jiantu, Li Guangye, Zhou Hamang	IJ
The Study and Design of the Full-text Search Engine in Electrical Power Industry Based on Nutch	
Kehe Wu, Shichao Ye, Hui He	17
A Target Recognition Method Based on Blocking Partition and FM-TS Network Technology	
Keyong WANG, Chengtian SONG, Jiahao DENG 22	21
The Research of PLC architecture based on CAN BUS SUN Xiang, Zhao Feng, Ren Xucai, Luo Xuan, Hao Fengqi22	٥,
22 SUN Alang, Zhao Feng, Ken Aucai, Luo Auan, Hao Fengqi	- 5
The Research of synchronization Control with PLC based on the Bus of serial communications	
SUN Xiang, Zhao Feng 22	28
Robust Adaptive Power Control for CDMA Communication Systems and Its Simulation	
Cunwu Han, Lisha Cao, Dehui Sun, Zhong-ning Zhang23	32
Research on Intrusion Detection Approach Based on Signature Generation	_
Yanfang Zhang, Fuxiang Gao, Yujie Guo, Xu Liu	3+

Wireless Campus Network Security Situation and Solutions Yong Yu, Qun Wang, Yan Jiang24	1
Campus Scientific Research Management System Security and Solutions	
Qun Wang, Yong Yu , Yan Jiang ······24	5
A Improved Dynamic Background Updating Algorithm Based On Traffic Video	
Zhu Shisong, Wu Xiaosheng,Sun Junding	9
Farmland Information Gathering and Monitoring System Based on IOT	
Wang Ke Qiang, Cai Ken25	3
Research on the Grey NN Modeling for Nuclear-Exploding-Yield Detection	
MH. Zhang, EZh. Quan, DH. Wang, ShJ. Lv, ZhG. Mu······25	7
Design and Construction on the Architecture Frame for the Ship-board C4ISR System	
MH. Zhang, DH. Wang, ShJ. Lv, Lei Qi, ZhH. Ding	1
Design and Realization on the Fault Diagnostic Flat Based on Virtual Instrument for Warship Equipment	
ShJ. Lv, MH. Zhang, DH. Wang, EZh. Quan, and ZhH. Ding26	5
Weight Coefficient Cluster Covering Genetic Algorithm for Multi-objective Optimization Based on Accurat	æ
and Fuzzy Decoding	
Yan Cao, Hui Yao, Ning Liu·····26	9
An Extenics-based color knowledge representation method for industrial design	
WU Tong, YU Sui-Huai	3
Design of Fault Monitoring Alarm System for Networks Based on GSM SMS	
FS. BAI, YL. LIU	6
Research on the PWM rectifier's voltage loop after the fuzzy algorithm is adopted	
WANG ZHuo,LIU Lin-shan,HU Gang 28	0
Researching the MLDT of the Materiel System with Particular Mission	
Hou Na, Xiao-dong Zhu , Yi-gang Wang , Jun-ping Zhang ,Dong-dong Li ······28.	4
Study on communication model of semi -autonomous Agent	
Xiao-kang Zhang, Hong-min Yu, Lu Gao,Na Hou	8
Research on UPQC Energy Optimization Method under Three-phase Balance	
Hai-liang Zhou, Jian-ru Wan, Shu-chao Li	1
Discussing about the application of data mining technology in Anti-illegal immigrant intelligence	
Zhi-ying Han, Ning Chang, Xiao-ming Chen, Xiao-long Cha	5

Study on multi-Agent model of weapon equipment systems
Hong-min Yu , Wei-bo Li, Xiao-kang Zhang,Feng-bin Yan ······299
Research on the Maintenance Staff Number Forecast Method of the Military Technical Officer in Equipment Maintain Department
Bin Chi, Yong-jun Ruan, Feng-bin Yan, Qi-jiao Gao ······302
A Swarm-Intelligence Based Solution for Evolutionary Game
Zhijie Li , Xiangdong Liu, Xiaodong Duan,Cunrui Wang ······ 306
Research on Data Integration Method on the basis of Mid meaning Explanation Warehouse
Feng-bin YAN, Jian-min WU, Xiang-yang LIU, Hui LIU ·······310
Scenario Reaserch of Outpatient Service Quality in Highest Class Hospital Gang Liu,Baoshan Ge
Gailg Liu, Daoshan Ge
Modeling and Analysis of Active Sensor Networks Based on Multi-robots Weihong Fan, Xuanping Cai, Dongxiang Zhou, Li Lu318
wemong ran, Adanping Cai, Dongxiang Zhou, Li Lu318
Modeling for SRMTP Based on C/S and B/S Mixed Style
ZHANG Jun-ping, ZHU Xiao-dong, WANG Yi-gang, HOU Na, LIANG Xin ······323
Author Index327