

2011 International Conference on Consumer Electronics, Communications and Networks (CECNet 2011)

**Xianning, China
16-18 April 2011**

**Volume 1
Pages 1-950**



**IEEE Catalog Number: CFP1153N-PRT
ISBN: 978-1-61284-458-9**

Table Of Content

Volume 1

A Comparative Study on QDCT-Based and QDFT-Based Methodsfor Multichannel Vibration Signals Compression.....	1
<i>Tong Jia</i>	
A Positioning and Navigation Algorithm of Autonomous Mobile Robot.....	5
<i>QiuHong LU , Shaoyuan LI , GuozhengYAN</i>	
A 1.18GHz Low Phase Noise CMOS LC-VCO in DTV-Tuner Application.....	9
<i>Si Chen,YanJun Peng</i>	
A Location Method Research of Electricity Emergency Material Storage.....	13
<i>Xianghui Cheng</i>	
A Method of AMT Starting Control with Constant Engine Speed.....	17
<i>Xueping Chen,Guoling Kong</i>	
A Method to Analyze the Power Flow of Helical Gears Power Dual-Branching Transmission.....	22
<i>Baobin Wang,Zongde Fang,Jianhua Li,Xiaofang Yang</i>	
A New Adaptive Weight Algorithm for Salt and Pepper Noise Removal.....	26
<i>Chen Cong-ping,Wang Jian,Qin Wu,Dong Xiao-gang</i>	
A New Hough Transform Applied in Track Initiation.....	30
<i>XIA Dong,CHA Hao,XIAO Chunsheng,Lin Jiwei</i>	
A New Implementation for the Evolutionary Design of Complex Structure.....	34
<i>He Shan, Zhao Zhangyan, Liu Jin, Liu Xiangwei</i>	
A new method based on time-frequency distribution for 3-D near-field localization.....	38
<i>Liu Juanjuan,Wang Bo</i>	
A new method of QR code accumulation encoding in mobile education.....	42
<i>XiaoYouan,Yang Chao,Luo Chunling</i>	
A Non-Iterative Method and Application on Design Planar Six-Bar Mechanisms with an Approximate Equal Velocity Ratio Transmission.....	46
<i>Hongxin WANG,Ning DAI</i>	
A Novel Low Thrust Ripple 3-Phase 6-Slot Permanent Magnet Linear Synchronous Motor.....	49
<i>Yuanxiong Cheng,Jiajun Yang,Guoxian Liu</i>	
A Research of Cooperative Control Method on Multisystem Containing CST for Automobile Safety.....	54
<i>Sujuan WANG,Zhengbao LEI,Yonghan LI,Muxi LEI,Jian ZHAO,Yiheng Liu</i>	
A Research of Real-time Protective Barrier System for Automobile Safety.....	58
<i>Sujuan WANG,Zhengbao LEI,Yonghan LI,Muxi LEI,Jian ZHAO</i>	
A Study of Novel ZVZCS PWM Buck Converter.....	62
<i>LV Gendi,ZHOU Yueqing</i>	
Abrasive Water-Jet Process Control Overvie.....	66
<i>Weizhang Wang,Mingbo Wang</i>	
Adaptive Morphological Filter to Fault Diagnosis of Gearbox.....	70
<i>Lijun Zhang,Lixin Zhang,Jianhong Yang,Min Li</i>	
An Optimized Rate Control Algorithm for H.264.....	74
<i>Li-xin Song,Rui Zhao,Xin-e Li</i>	
An Adaptive UKF Algorithm and Its Application For Satellite Attitude Determination.....	78
<i>Ming Xing,Qiu Hongzhuan</i>	

An Algorithm for Computing the Semantic Similarity among Terminologies in Gene Ontology.....	82
<i>Chen Hongxia,Li Yaxiong</i>	
An MTRC Compensated Algorithm Based on Keystone Transform and Weighted Orientation.....	85
<i>WANG Baoping, GUO Junjie ,SUN Chao,ZHAO Jing</i>	
Analysis and Compensation for Friction in Electrohydraulic Servo System.....	90
<i>Junlan Cheng,Xiaoguang Wang</i>	
Analysis Of Structure And Mechanics Feature Of Axial Permanent Bearings Based On ANSYS.....	94
<i>Fan Man,Wang XiPing,Guo Li,Yang YuMin</i>	
Analysis of Wind Energy Potential Using the Weibull Model at Zhurihe.....	98
<i>Liu Yuehua,Jiang Yingni,Gong Qingge</i>	
Application of an Average Current Control Method in Double-loop Control Systems of Brushless DC Motor.....	102
<i>Ying Zhao,Yongjun Yang</i>	
Application of Intelligent Logic Control in Molecular Distillation.....	106
<i>Li Hui,Shi Nan,Li Ying</i>	
Application of iSIGHT in Solving Multi-objective Optimal Design Problems.....	110
<i>Feng-tao WEI,Li SONG,Yan LI,Peng LIU</i>	
Assessment of Carbon Dioxide Emissions Based on Construction Project Life Cycle.....	114
<i>Wenfa Hu, Ming Fu</i>	
Bearing Characters Recognition System Based on LabVIEW.....	118
<i>Wang Hengdi,Zong Yang,Deng Sier,Sun Erdong,Wang Yong</i>	
Bearing Fault Detection and Diagnosis of a wind turbine.....	123
<i>Shenggang Yang, Xiaoli Li, Ming Liang</i>	
BitTorrent network topology active measurement method.....	127
<i>HU Guang-jun,Xu Guo-ai,Shi Jian-kun</i>	
Breaking a Certificateless Strong Designated Verifier Signature Scheme.....	130
<i>Jianhong Zhang,Jianjun Xie</i>	
Capacity Planning of ERP Based on the State of Manufacturing Resources.....	134
<i>Jian-fei Tu,Rui-feng Guo,Zhi-mei Fang</i>	
Central Steering Virtual Test Analysis of a Car Based on ADAMS.....	138
<i>Sun Li, Zhang Song</i>	
Characteristics of Inductance Parameters and Thrust Linear Modeling of PMLSM with Combinational Iron-cored Primary.....	142
<i>Yuanxiong Cheng, Jiajun Yang, Qibai Huang</i>	
Combined Control of Single Neuron PID and Normal PID of Switched Reluctance Motor.....	146
<i>Liu chun-yuan,Wang mian-hua;Li da-wei</i>	
Component-based Models For Distributed Systems.....	150
<i>Jianhua Yang,Stephan Kindermann,Xiaowei Qi</i>	
Construction of Trunking Communication System in CERS Based on Multi-living Agent Method.....	154
<i>Dong Zhong,Zhongming Li</i>	
Control Characteristic of PWM Solenoid Valve in the Electro-hydraulic Shift System.....	158
<i>Gang Tao, Min Chen, Tao Zhang</i>	
Control System of A New Multiple-Point Loading Test Machine for Architecture Component.....	162
<i>Feng Kailin, Xing Jizhan, Wang Bin</i>	
Copper ECMP in Phosphoric Acid-BTA Slurries.....	166
<i>Wenjie Zhai, Yangzhan Yang</i>	
Crashworthiness Design of Detachable Cab.....	170
<i>Wenbin Wang, Markus Hecht, Hechao Zhou</i>	

Data Fusion of Multi-beam Sonar and Side-scan Sonar Base on Feature Contour Registration.....	174
<i>Yanling Hao, Qingnan Han</i>	
Data processings for Raman spectra: including fluorescence background removal and compression.....	178
<i>Chen Chen, Gong Jiaoli, Xu Dahai, Cheng Qinghua, Luo Ping</i>	
Design and Analysis of Stablizer of One-kilometer Directional Drilling Rig for Gas Drainage.....	182
<i>Jianming ZHANG, Qingxiu LIU, Guiqin LIU, Dong LI, Rui ZHANG</i>	
Design and Finite Element Analysis of Shaking Table for Fatigue Test of High Speed Train Transmission System.....	185
<i>Gong Haibin, Su Jian, Tian Guangdong, Zou Xiuqing, Zhang Donglin, Liu Hongfa</i>	
Design and Implement of Water-flow Calibration Facilities.....	189
<i>Qi Lei, Sun Lijun, Zhang Tao, Li Shengjie, Liu Yi</i>	
Design and Implementation of APB Bridge based on AMBA 4.0.....	193
<i>Chenghai Ma, Zhijun Liu, Xiaoyue Ma</i>	
Design and implementation of management vehicle information system based on the.NET Framework.....	197
<i>Zhao Yunbo, Wang Jian</i>	
Design and Realization of a Maze Robot.....	201
<i>Jiang Hualong, Wang Hongqi, Tian Yonghong</i>	
Design and Realization of Intelligent Logistics Transportation Equipment.....	205
<i>Caiqiao Wei, Xiaoguang Wang, Hui Guo</i>	
Design and Realization of Static Reed's Automatic Insertion Machine for T90 Relay.....	209
<i>Ke Yaozuo, Deng Fei, Xue Wendong, Hong Yongqiang</i>	
Design Based on Floating Accompanied with Heat Oil Collection Device and Analysis of Its Application.....	213
<i>DU Juan, HONG He, Li Shen-Zhu, WANG Xin, TANG Xiao-chu</i>	
Design of a Pair of Noncircular Gears Meeting Ackermann Steering Principle.....	217
<i>Sheng Zhao, Jing-Shan Zhao, Zhi-Jing Feng</i>	
Design of Control System for the Gypsum Hollow Block.....	222
<i>Guo Xingyu, Jin Tao, Zhang Peng, Miao Qiuhua</i>	
Design of Flux-Weakening Control System of PMSM Based on the Fuzzy Self-tuning PID controller.....	226
<i>Wang Wei</i>	
Design of Friction Hoist Sliding Protection System Based on PLC and WinCC.....	230
<i>Qian Wang, Xing-ming Xiao, Chi Ma, Xing-fu Tan, Xiao-fang Xing</i>	
Design of NC Shoe-last Carving Machine's HSC Tool System.....	234
<i>Zhuoda Jiang, Yuntang Hu</i>	
Design of the Measuring and Controlling System of Test Bed for Hydraulic Bursting Based on LabWindows / CVI.....	238
<i>Wang Jisen, Zhao Hubin, Ai Zhuo</i>	
Design Of The Updraft Free-Exit-Flow Hydropower Turbine System.....	241
<i>Xiaoqing Cong, Ke Pan, Houqiang Lin, David T. Kao</i>	
Design of Vehicle Bus Data Acquisition and Fault Diagnosis System.....	245
<i>Wang Quanqi, Wang Jian, Wang Yanyan</i>	
Design of Wireless Monitoring System of Auxiliary Shaft Hoist Ropes Tension.....	249
<i>Yuhao Wang, Xingming Xiao, Chi Ma</i>	
Design of wireless vibration node about shaker vibration dectecting.....	252
<i>Zhang Lei, Chen Guang-zhou, Huang Tai-guang, Xia Xiao-dong</i>	
Detection of Line Spectrum of the Ship Shaft-Rate Electric Field Based on the improved Adaptive Line Enhancement.....	256
<i>HU Peng, GONG Shen-guang, BAO Zhong-hua</i>	

Detent Force Analysis and Structure Improvement of PMLSM.....	260
<i>Neng Xi,Jiajun Yang,Yuanxiong Cheng,Shiwei Zhu</i>	
Development and Research on a New Bearing Replacer Based on Induction Heating Technology.....	264
<i>Li Guofa,Ren Xiaoli,Yang Shuxiang</i>	
Development of Diversified 3D Analogue Simulation Teaching Courseware in Swimming Education.....	268
<i>Mao Jie</i>	
Development on Measure Device of Performance Parameter of Electric Fireplace.....	272
<i>Yong Tang,Yan Xu,Youxia Pan,Hui Liu</i>	
Development Research about the Power Battery Management System of Pure Electric Vehicle.....	276
<i>Chuan sheng Si</i>	
Digital Assembly System Design for Printing Press.....	280
<i>GAO Bo,ZHANG XiaoGui</i>	
Disassembly Sequence Optimization for Automotive Product Based on Probabilistic Planning Method.....	284
<i>Liu Ruijun,Tian Guangdong,Zhang Xueyi,Zhao Anyan,Wang Xiaolan,Niu Qingning</i>	
Discussion on the research of CVD diamond tools.....	289
<i>Zhu Zhenghong,Qian Zhengwang</i>	
Driving manner and Design Method on Elbow Joint of a Artificial Limb.....	293
<i>Sun Gaozuo,Fan Binghui,Yuan Chengzhi, Liu Baojun,Min Feng</i>	
Effect of HIP Temperature on the Microstructure and Properties of Be-Al Alloys.....	297
<i>SHI PingAn</i>	
Effect of Weld Parameters on Weld Quality in Sheet to Tube Joining with Simulation and Experimental Research.....	302
<i>Caiping Liang,Funfun Sun,Xiaohang Liu</i>	
Effects of Convex Platform Structure on Couplings of Strong Electromagnetic Pulse.....	306
<i>Liu Chenglong,Cao Bing,Jiang Wencan</i>	
Elastohydrodynamic Lubrication Design of Internal Gear Transmission.....	310
<i>Bao Peide,Xie Jun,Yin Xiaoqin,Yang Qizhi,Ma Luzhong</i>	
Energy Efficient Routing Based on Ant Colony Algorithm in Mine Equipment monitoring.....	314
<i>Hui Li,Xiaoguang Zhang,Ying Liu</i>	
Ergonomics-based Aerial Platform Modeling Design Research.....	320
<i>YAO Jun,LIU Miao</i>	
Evaluation Method of Enterprise Information Quality Based on QFD.....	325
<i>Gu Lin, Gu Jing, Dong Fang-fang</i>	
Evaluation Method of Selecting Model for Testing Equipment for Vehicle Based on Extension Theory.....	329
<i>Zhang Enyuan,Liu Ruijun</i>	
Evaluation of Nuclear Equipment Technical Condition Based on Support Vector Machine.....	333
<i>Zhang Liming,Cai Qi,Zhao Xinwen</i>	
Experimental Studies on Performance Parameters of Rubber Roll Husker.....	337
<i>Jinglan Ruan,Xiaoxia Liu,Guangbo Xiang</i>	
Fabrication of Dumbbell Shape Microstructures by Hot Embossing Through Microporous Mould.....	341
<i>Hang LIU,Hong HU</i>	
Face Detection and Recognition Method Based on Skin Color and Depth Information.....	345
<i>Junfeng Qian,Shiwei Ma,Zhonghua Hao,Yujie Shen</i>	
Fault Line Selection Based on Improved Grey Relation Analysis of Zero-sequence Transient Current in Small Current Grounding System.....	349
<i>Chen Chunyu, Xin Jian, Wang Yangyang</i>	
Finite Element Analysis of Eddy Current Field of Magnetic Coupling with Halbach Array.....	354

Forecasting of Wind Speed With Least Squares Support Vector Machine Based on Genetic Algorithm.....	358
<i>Li Ran, Ke Yong-qin, Zhang Xiao-qian</i>	
Fusion of Polarimetric Image using Contourlet Transform.....	362
<i>He Zong-hu, Zhang De-xiang, Zhang Ling-jun, Yuan Bao-hong</i>	
Fuzzy Control in production of Flexible Forming Exact.....	366
<i>Song Shu, Ru Feng, Zou Weiqi</i>	
Fuzzy PID Control for Direct Drive Electro-hydraulic Position Servo System.....	370
<i>Yu Lin-ke, Zheng Jian-ming, Yuan Qi-long, Xiao Ji-ming, Li Yan</i>	
Gas sensor array based on surface acoustic wave for chemical agent analysis.....	374
<i>Gui Zeng, Xiaosong Du, Jia Hu, Jia Huang, Yadong Jiang</i>	
General Optimization Methods Based on Response Surface Model and Intelligent Algorithm.....	378
<i>yangdong wu, lifang wang</i>	
Generating Unit and Control System Model for Stability Analysis of Power System.....	382
<i>Wen Liu, Lin Gao, Yiping Dai</i>	
Generation and Control of Vibration in Machining.....	387
<i>LUO Xi-rong, ZHANG Cheng-feng, WEI Jian-jun</i>	
Handling Stability Analysis of Traffic Vehicle at High Velocity on the Bend Surface.....	390
<i>Xu Sheng Ming</i>	
HIS and DWT Based Remote Sensing Image Fusion and its Application on Road Extraction.....	394
<i>Li Yingtao, Wu Jin, Yang Yang</i>	
Hydraulic System Design for Tunnel Drilling Rig based on Pump-controlled Technology.....	398
<i>Dong FAN, Qingxiu LIU, Ke YAO, Hongliang TIAN, Xinsheng YIN</i>	
Hydro-generating unit axis intelligent detection system design based on single-chip microcomputer.....	402
<i>LIU Chunrong, Zhang Shiyong</i>	
Impact of Joint on Car Body Stiffness at Concept Design Stage.....	406
<i>Ruifeng Chi, Jinwu Wang</i>	
Implementation of Coded Pulse Complex Correlation Algorithm on Broadband ADCP.....	410
<i>Rao Zhong-yang, Feng Chun-yuan</i>	
Influence of Reaction Force on the Electrode in Micro Hole Drilling by Micro EDM.....	414
<i>Jianzhong Li, Yusheng Zhang, Zuyuan Yu</i>	
Insulation Life Prediction of High Voltage Submersible Motor Based on BP Neural Network.....	418
<i>Bing Liu, Xiao-hua Bao, Jian Liu, Qing-long Zhu</i>	
Integrated Control of Active Front Steering and Semi-active Suspension Based on Fuzzy Logic Method.....	422
<i>Guo Jianhua, Chu Liang, Shang Mingli, Zhou Feikun</i>	
Intelligent Bridge Monitoring System Based on 3G.....	426
<i>Li Yundong, Zhao weigang</i>	
Internet of Things Technology Applied in Medical Information.....	430
<i>Yan-Wei Wang, Hui-Li Yu, Ya Li</i>	
Kinematics and Workspace of 3-RUU Parallel Manipulator.....	438
<i>Xiaoguang Wang, Caiqiao Wei</i>	
Machined Surface Roughness and Chip Morphology in High Speed Side Milling of Inconel 718.....	442
<i>Anhai Li, Jun Zhao, Guangming Zheng, Zhiqiang Pei</i>	
Machining technology for non-axisymmetric optical surfaces.....	446
<i>Yuanliang Zhang, Yan Gao, Zhimin Zhou, Pengsen Jiang</i>	
Magnetic Field Analysis of Bearingless Permanent Magnet motor.....	450

Ni Zhongjin, Fang Liang, Chen Maojun, Xiu Shudong

Measurement on Narrow Band Power Line Communication Channel Impedance of Distribution Network.....	454
<i>Haiting Tian, Ruiming Yuan, Feng Li, Zhigang Huang, Sitong Wang, Shunxin Li, Kan Zhong</i>	
Military Equipment Reuses Camping Bathing Wastewater by the Physicochemical-Ultrafiltration Process.....	458
<i>Lv Tao, Huang Lei</i>	
Modeling and Analysis about Vehicles Longitudinal Dynamic Performance While Sliding on Level Road.....	462
<i>Lin Hongliang, Yu Qiang, Cui Xuanmeng, Wang Yaping</i>	
Modeling and Simulation for the Electro-hydraulic Servo System Based on Simulink.....	466
<i>Junlan Cheng, Wei Liu, Zengliang Zhang</i>	
Modeling Multi-view Scenario of Driving Simulation on Typical Side-impact Accidents.....	470
<i>WANG Yi-zhi, YUAN Quan, LI Yi-bing</i>	
Modeling of Shift Hydraulic System for Automatic Transmission.....	474
<i>Gang Tao, Tao Zhang, Huiyan Chen</i>	
Modularize Decomposition of Function Cell Aggregation and Application.....	478
<i>Mengqi Li, Dongying Li</i>	
Motion Simulation and Interference Checking of Concentration-driven Flip-flow Screen.....	482
<i>Xia Yunfei, Liu Chusheng, Dong Hailin, Zhou Haipei, Zhang Shimin</i>	
Multi-rope Hoist Wire Rope Tension on-line Monitoring and Analysis of Reasons about Tension Imbalance.....	485
<i>Hui CHEN, Guiyun XU</i>	
Natural Characteristic Analysis of Tracking Frame of Electro-optical Theodolite by Component Modal Synthesis Method.....	488
<i>Sun Fangfang, Qian Rui, Liang Caiping</i>	
Natural Gas Pipeline Leak Detection Based on Data Mining.....	492
<i>Xiu-fang Wang, Yan Wang, Chun-lei Jiang, Hong-wei Liang</i>	
NC machining for steam turbine blade based on NURBS curve ACC/DEC interpolation algorithm.....	495
<i>HAN Qingyao, LIAO Anwen, YUE Ying, YU Shuhui</i>	
Nonlinear Cloud Model Control for Ship Steering Based on Genetic Algorithms.....	499
<i>Daoqi Xing, Liangxin Zhang, Xiaolin Wang, Rengang Ma</i>	
Non-sinusoidal Oscillation Waveform construction and the Optimization of the Vibrating Parameters for Continuous Casting Mold.....	503
<i>LIU Cai, SUN De-Jian</i>	
Numerical Research on Enhanced Thermoelectric Conversion System.....	507
<i>Zheng Zhang, Xifan Yao</i>	
Numerical Simulation of FLD based on Leaner Strain Path for Fracture on Auto Panel Surface.....	511
<i>Jinwu Wang, Rui Feng Chi</i>	
Object Recognition Using Relative-chord Context.....	515
<i>Chai Hua, Yang Mingqiang, Kpalma Kidiyo, Ronsin Joseph</i>	
Optimal Design Model for Crank-connecting Rod Mechanism of -type Stirling Engine.....	519
<i>GONG Xiao-mao, ZHANG Bao-sheng, ZHOU Fan, YUAN Yujie, ZHAO Wei, LIU Xi</i>	
Optimization Research on Aerodynamic Figure of the Box Car under Cross Wind.....	523
<i>GAO Guang-jun, WANG xiao-ya</i>	
Parameters optimization for the thread of crankslider- CST type low rear protective device of truck Parameters optimization for thread of crank-slider-CST protective device.....	527
<i>Shubin WEI, Muxi LEI, Zhengbao LEI, Yonghan LI</i>	
Path Planning of Mobile Robot Based on Improved Ant Colony Algorithm.....	531
<i>Qingyao Han, Qiang Wang, Xiaoguang Zhu, Jin Xu</i>	
Performance Test of Active Mirror.....	534

Reciprocating Membrane Pump's Fault Diagnosis Based on Chaos and Wavelet Packets.....	538
<i>SHI Lichen, LIU Yuguang, DUAN Zhishan</i>	
Relationship of Dark Current and Doping Concentration for MCT Photodiode Detector Design.....	542
<i>Ya-fang TIAN, Ai-ling GONG</i>	
Reliability Simulation Analysis for Complex Mechanism Based on Support Vector Machine.....	546
<i>WANG Hui, YU Tian-xiang, PANG Huan, SONG Bi-feng</i>	
Research and analysis of classification model based on the shape parameters of cashew nuts.....	551
<i>Zhang Lin, Zhang Qizhi, Xu Hongwen</i>	
Research and Design on Wireless Transmission of Well Depth Counter.....	554
<i>Wang Jianchun, Li Qiyi</i>	
Research in a Fast DCT Algorithm Based on JPEG.....	558
<i>Wei Zheng, Yanchang Liu</i>	
Research of Coordination Control on the Hoist Constant Deceleration Braking and Anti-skidding.....	561
<i>Xianfeng Wang, Xingming Xiao, Xiaoyan Zhang</i>	
Research of four roll strip mill axial force based on the finite element simulation analysis.....	564
<i>Xiaoqiang Yan, SenHuang</i>	
Research of Heterogeneous Robots System Based on CORBA.....	569
<i>Feng Guorui, Wu Jian</i>	
Research of lightweight design method to CST.....	574
<i>Jianghua Fu, Zhengbao Lei, Muxi Lei, Xianhua Luo</i>	
Research of Magnetic Suspension Technology for the Reformation of Turbine Flow Meter.....	578
<i>Yinping Jiang, Haili Zhang, Shan Liu, Lei Wang</i>	
Research of Roots Flow Meter Based on ARM Cortex-M3.....	582
<i>Yinping Jiang, Lei Wang, Haili Zhang, Shan Liu</i>	
Research of Virtual Enterprise's Partners Selection Problem Based on Hybrid Evolutionary Strategy.....	586
<i>HeTao, Ye Xinquan</i>	
Research on 2-D SDCT Method Based on Parallel Computing.....	590
<i>Sun Wenbang, Chen Hexin, Chen Hong, Wang Zhiqiang</i>	
Research on A Novel Genetic Algorithm Based on Adaptive Evolution in Dual Population.....	594
<i>YAN Tai-shan, GUO Guan-qi, LI Wu</i>	
Research on an Improved Algorithm for Cluster Analysis.....	598
<i>Shi Yong, Zhang Ge</i>	
Research on Application of RFID Technology in the Automobile Parts Logistics.....	602
<i>Anjie Yang, Jianwei Yang</i>	
Research on Conductor Icing of Overhead Transmission Lines.....	606
<i>Liu shunxin, Guo guangsong, Yan lichao, Zhang songwei</i>	
Research on Control System for Network financial security.....	610
<i>zhang ying</i>	
Research On Emotion Recognition Based On Physiological Signal and AuBT.....	614
<i>Xianhai Guo</i>	
Research on Energy and Water Consumption of Universities in China.....	618
<i>Zhao Lu, Zhou Weiguo, Ruan Yingjun</i>	
Research on Energy Loss Analysis of Steam Turbine Generating Unit.....	623
<i>Feng He, Niansu Hu, Tianjing Fan, Chunlin Zhang, Qiping Chen, Gaoming Huang</i>	
Research on Fine Simulation for Crash of car based on Stamping Results of Auto Panels.....	627

Research on Fuzzy Comprehensive Risk Assessment Model of Overall Real Estate Investment Process.....	631
<i>Zhu Hongzhang, Hu Jibo</i>	
Research on GA-SVM tool wear monitoring method using HHT characteristics of drilling noise signals.....	635
<i>Li Jia, Zheng Jian-ming, Bian Xiao-Jing, Wei Lei Lei</i>	
Research on High-Voltage Two-Power Intelligent Switching Device and Control System.....	639
<i>He Tao, Ye Xinquan, Zheng Wenxiu, Lin Shengrong</i>	
Research On Kpca Fault Diagnosis Method Based On Multi-Domain Features.....	642
<i>Meng Yuru</i>	
Research on modeling and decoupling method of geometric errors for the linear axis of CNC machine tools.....	646
<i>Chong Zhang, Xuesong Mei, Tao Tao, Dongsheng Zhang</i>	
Research on Motion System of Wheel Robot.....	654
<i>Qiu Ke, Luo Feng</i>	
Research on New Automobile Power Hydraulic Braking System by Vibratory Energy.....	658
<i>Ding Zhi-hua, Lei Zheng-bao, Lei Mu-xi</i>	
Research On New Coding System For Vibrating Feeder Design.....	661
<i>DING Wei, FU Cai'An</i>	
Research on Pulse Control and Optimal Frequency Match Design for Radome Tangential Grinding.....	665
<i>Peng Wen, De-ning Zhang, Hong-bo Yuan</i>	
Research on Synthesis Load Modeling with Online Statistical Measurement-Based Method.....	674
<i>MAO Yi, WANG Xiaohui, YANG Fan, WANG Hui</i>	
Research on Test and Simulation of Hydro-pneumatic Suspension.....	678
<i>Shen Yanhua, Zhao Junfeng, Yang Jue, Huang Xiaxu</i>	
Research on the intelligent identification method of wallpaper labeling in the interior decoration.....	682
<i>Yeqin Wang, Yuqing Wang</i>	
Research on the structure and PLC control of a new automatic tool changer.....	686
<i>GU Jinan</i>	
Research on the System Development of Product Design Based on Axiomatic Design Theory.....	690
<i>Ping Wang, Bin Wang</i>	
Sea Clutter Characteristics Analysis and Target Detection Based on HHT.....	694
<i>XIAO Chunsheng, CHA Hao, XIA Dong</i>	
Security Vulnerabilities of An Remote Password Authentication Scheme with Smart Card.....	698
<i>Hongtai Zhang, Mingyue Li</i>	
Simulaiton and Optimization of Organic Working Fluids Bicirculating Screw Expander System.....	702
<i>ZHONG Xiao-hui, GOU Yu-jun, WU Shao-yan</i>	
Simulation and experiment on Interference Fit between Small Head of Connecting Rod and Bush.....	706
<i>Dewen Jia, Tao Li</i>	
Simulation and Fuzzy Logic analysis on an Off-road HEV.....	710
<i>Yimin Zhao, Yu Wang</i>	
Simulation and Structural Optimization of Drum Brake Based on Rigid-flexible Coupling Model.....	715
<i>Xue-liang Bian, Da Wan</i>	
Simulation of a DC Chopper Using Single Phase Matrix Converter Topology.....	720
<i>Xu sheng hui</i>	
Simulation of Full Power Hydraulic Brake System for Engineering Vehicles.....	724
<i>Gong Mingde, Wang Tianxu</i>	
Simulation of the Voltage Sag Effects on an Induction Motor.....	731

Solving Model of Multi-Degree of Freedom of Prosthesis Joint Space.....	735
<i>Fan Binghui, Sun Gaozuo, Zeng Qingling, Zhao Jianjian, Zheng Yi</i>	
State Estimation of Spiral Maneuvering Target and Simulation of Three-dimensional Intercept.....	739
<i>Yong Cai, Wanchun Chen, Shiming Liu, Feng He</i>	
Static flow stability analysis of priority valve.....	743
<i>Zhiguo Zhao, Youshan Hou</i>	
Studies on the Diagnosis of the Reasonable Wind Speed in Dust Pipe Network.....	747
<i>Ximin LIU, Shuqiang WANG</i>	
Study and Design of Gateway Engine Immobilizer based on CAN-bus.....	751
<i>LI Baolin, WEI Tongmin, FAN Shuai, FAN Jiangpeng</i>	
Study of Contactless Inductive Charging Platform with Core Array Structure for Portable Products.....	756
<i>Hung-Yu Shen, Jia-You Lee, Tsung-Wen Chang</i>	
Study on Analytical Method of Gear Drive Based on Principle of Minimal Orientation-distance.....	760
<i>Wang Ming</i>	
STUDY ON APPLICTION OF ELECTROHYDRAULIC SERVO PROPORTIONAL VALVE IN HYDRAULIC SYSTEM FOR ROLLING MILLS.....	764
<i>Mao Zhiyong, Zhang Ziyi, Liu Jian</i>	
Study on braking distance with combination control strategy of permanent magnetic brake system for high speed train.....	768
<i>Ming Yao, Xiao-na Zhang</i>	
Study on Connection types of multi-dimensional receiving windings in a wireless power transmission system.....	772
<i>Haiqing Hao, Kaifeng Xue, Ping Huang</i>	
Study on Development of Concept Car Body Structure Design System.....	776
<i>Ruifeng Chi, Jinwu Wang</i>	
Study on Speed Sensorless Vector Control of Brushless Doubly-Fed Machine.....	780
<i>Yunguo Zhu, Xing Zhang, Shengyong Liu</i>	
Study on Test Technology of Smart substation Secondary System.....	784
<i>Wang Yunmao, Pan Zheng</i>	
Study on the Effects of Heat Pipe and Fins for Heat Dissipation Under Natural Convection.....	788
<i>Zijuan CAO, Hua ZHU, Zhanglu XU</i>	
Study on The Treatment of Underground Diesel Exhaust.....	792
<i>LI Baolin, WEI Tongmin, FAN Shuai, FAN Jiangpeng</i>	
Study on Virtual Enterprise information integration based on multi-Agent Web Services platform.....	796
<i>Jinan GU, Juanjuan XIE, Guojing LI</i>	
Supply chain integration of virtual organization.....	800
<i>Jian-fei Tu, Zhi-mei Fang</i>	
The Analysis and Simulation of the Pipe Collapse Deformation.....	804
<i>Kang Yong</i>	
The Application of Mass Customization in the Automobile Manufacturing Industry.....	808
<i>Li Liu</i>	
The Automatic Packaging Machine Design Based on Reconfigurable Theory.....	812
<i>Zhihui Liu, Mengqi Li, Zhigang Chen, Zhiwei Lin, Xuemin Liu</i>	
The Axonometric Projection in Mechanical Drawing.....	816
<i>Li Xiaowu, Xu Qian</i>	
The comparative analysis of the crank-slider-CST and traditional low rear protective device of truck.....	821
<i>Shubin WEI, Muxi LEI, Zhengbao LEI, Yiheng Liu</i>	

The Computer-aided Communicative Language Teaching (CLT) in the Universities--- Case Studies in the Chinese Context.....	825
<i>Guoliang Chen</i>	
The Design and Research of Heating Welder Temperature Control System for PE Battery Clapboard.....	828
<i>Xiaoguang Wang,Junlan Cheng,Caiqiao Wei</i>	
The Design Of Yoke Feeding System For Core Riveting Machine.....	835
<i>Deng Fei,Zheng Jiakun,Ke Yaozuo,Xue Wendong,Hong Yongqiang</i>	
The design on combined mussel shelling machine.....	839
<i>hui fen lai</i>	
The Development of Biomass Combined Processing Devices.....	843
<i>Yan Zhanhui,Guan Tieying,Sun Jiwu</i>	
The Disc Brake Design and Performance Analysis.....	846
<i>Sun Li, Liu Yong-chen</i>	
The Extrapolation Method for Structural Static Reanalysis of Topological Modifications with Added Degrees of Freedom.....	850
<i>Fei Cheng,Hang Xiu,Tao Xu,Hao Zhang</i>	
The Front Bearing Design of the High-pressure Rotor of a Gas Turbine.....	854
<i>Qiang Wan</i>	
The Fuzzy Control Study for Magnetic Bearing System.....	858
<i>Wang jun,Zeng li</i>	
The impact of different shapes of thread section on inverse identification while cutting the thread.....	861
<i>Jian-qiu Xu,Zheng-bao Lei,Mu-xi Lei,Yi-heng Liu</i>	
The Improvement of ID-based Remote User Authentication Scheme Using Bilinear Pairings.....	865
<i>Yi-Pin Liao, Chih-Ming Hsiao</i>	
The Optimization of the Angle of Fire and the Direction Angle of Antimissile Shrapnel.....	870
<i>Yi Liang, Jiawen Liu, Hejuan Chen, Yongxin Li</i>	
The Orientation Workspace of a 3-PRS Parallel Manipulator.....	875
<i>Wenjia Chen,Lanlei Zhao,Xian Mo</i>	
The Research and Manufacture of the Energyabsorbing Device by Cutting Screw Thread Teeth for Automobile Collision on Practical Car.....	879
<i>Hui GAN,Zhengbao LEI,Sujuan WANG</i>	
The Simulation Application of LabVIEW in the Data Processing.....	883
<i>Guangying Yang</i>	
The state of the research on Virtual Manufacturing and Its Key Technology.....	887
<i>Li Liu</i>	
the Study of Passive Location System Based on the Change of Phase.....	892
<i>Zhisong Hou,Xiangang Zuo,Yukun Ma,Wei Zheng</i>	
The Study of the Experiment and Preparation with Blending Characteristic in Power Plant.....	896
<i>Zhao xuefeng,Xiong wen-zhuo</i>	
The Study On Tower Crane Foundation Slope Model Based On Inclination Feature.....	900
<i>Song Shi-jun,Wang Ji-yong,Qiao Cai-feng</i>	
The synchronized switch harvesting circuit on inductor based on piezoelectricity.....	908
<i>Hongwei Song, Xuegong Huang, Xuezheng Jiang, Jiong Wang</i>	
Thermodynamic Model Study of Micro-turbine with MATLAB/Simulink.....	913
<i>ZHANG Xue-mei, GUO Jia-sheng, CHEN Zhi-gang, SHEN Cen, QIN Chao-kui, FANG Jian-ping</i>	
Twinkling-state lateral vibration analysis of angular-misaligned shafts during startup process.....	919
<i>Feng Changlin,Wang Deshi,Zhou Qizheng</i>	

Uncompensatable Error of Four DOF Parallel Robot.....	923
<i>Han Shukui, Cheng Junlan</i>	
Variable Structure Control for Permanent Magnet Synchronous Servo Motor Drive.....	927
<i>Li Junhong, Hong Zhennan</i>	
Verification of a Kind of Screw-driven Clamping Mechanism Based on Virtual Prototype Technology.....	931
<i>Hong Lu, Jingting Feng, Jun Peng, Yang Wang, Lisha Jan, Xiangyi Li</i>	
Virtual space painting system based on transparency haptic interaction.....	934
<i>Zhu Yanhe, Fan Jizhuang, Cui Xindan, Zhao Jie</i>	
VLSI Design and Implementation of the Entropy Decoder for Multi-format Video Decoding Algorithms.....	938
<i>Chaoran Xu, Leibo Liu, Shouyi Yin, Hao Lei, Jing Zhao, Zheng Chen, Jun Yang, Shaojun Wei</i>	
White LED Power Supply Based on Buck Converter with Active Ripple Compensation.....	943
<i>Zhide TANG, Guantao WANG, Xiaohui XIE</i>	

Table Of Content

Volume 2

A Convenient Route for the Synthesis of Adenosine.....	951
<i>Chunhong Dong,Longqiang He,Guirong Qu,Xi'ning Yang</i>	
A Cooperated Supervision and Management Commission for Low-carbon Society in Wuhan City Circle.....	955
<i>Chen Jinyi, Yao Yao, Li Nian, Lin Zhuo</i>	
A dual and wide band antenna for WLAN/WiMAX/UWB applications.....	958
<i>Shu Chang,Xiaodong Yang,Yingsong Li,Ming Li</i>	
A Framwork for Grid Workflow Scheduling with Resource Constraints.....	962
<i>Ling Yuan,Kun He,Ping Fan</i>	
A Low Cost Low Quiescent Dissipation DC-DC Converter for Wireless Sensor Networks.....	966
<i>Lei HAN, Xiaoxing ZHANG, Yujie DAI, Yingjie LV, Wei SUN, Yujun WANG</i>	
A Method for Books Classification Based on Fuzzy Mathematics Theory.....	969
<i>Wang Ping,Yan Tai-shan</i>	
A Model of Mathematical Point Set for Urban Transport System.....	972
<i>Gonglin Yuan, Linlin Fu, Xiaojin Huang, Jian Zhou</i>	
A New Algorithm of Automatic Lung Parenchyma Segmentation Based on CT Images.....	976
<i>Diao Liming;Zhang Caiming;Gao Shanshan</i>	
A new class of asymptotically valid confidence regions.....	980
<i>Weiyan Mu</i>	
A New Control Method for Neutral-Point-Clamped Three-level PWM Rectifiers.....	983
<i>Zhu Yi-feng,Zheng Zheng,Yang Hai-zhu,Tan Kai</i>	
A Novel OBS and OBP Scheme for GEO Satellite.....	987
<i>Sun Bin,Song Jian</i>	
A pilot study on biological nitrogen removal in a frequent anoxic- aerobic alternation sequencing batch reactor.....	991
<i>Shi Wan-sheng, Shu You-ju, Feng Chuan-ping</i>	
A Shift and Scale Invariant Estimator for Index of Extreme Value Distribution.....	994
<i>Xiumin Li,Xianglin Wei</i>	
A single port dipole for UHF RFID tag antennas with eliminated read-orientation sensitivity.....	998
<i>Chunfang Qin,Lingfei Mo,Hongliang Zhou,Hongjian Zhang</i>	
A tailings dam dynamic stability study based on numerical simulation.....	1002
<i>Feng Meisheng,Wang Laigui</i>	
Aerodynamic and Structural Dynamics Analysis of Swept Transonic Compressor Rotors.....	1006
<i>Myat Soe,Wang Yan Rong</i>	
An Analysis of Dynamic Econometric on Impact of Mineral Resource Exploit on urbanization in Xinjiang.....	1011
<i>Xuemei Li</i>	
An Anonymous Remote User Authentication Scheme Based on a Geometric Approach for Wireless Networks.....	1015
<i>Ming-Chin Chuang,Jeng-Farn Lee</i>	
An Effective Video Copy Detection Method.....	1019
<i>Xiuxin Chen,Kebin Jia,Zhipin Deng</i>	
An Embedded High Sensitivity Navigation Receiver for GPS.....	1023
<i>Yangchun Shi, Lingwen Zhang, YouBao Liu</i>	
An High Efficient and Speed Algorithm of Ray Casting in Volume Rendering.....	1027
<i>Yu Shicai,Wu Qianjun,Lu Rong</i>	

An investigation of factors associated with the preparation of immunomagnetic beads.....	1031
<i>Jian Wang,Chao Li,Yujie Feng</i>	
An MPEG-7 Compatible Video Retrieval System with Support for Semantic Queries.....	1035
<i>Quan Zheng, Zhiwei Zhou</i>	
An Optimal Filter with Optional Resolution Used in Incremental ADC for Sensor Application.....	1042
<i>Guanhua Guo,Dong Wu,Yanzhao Shen,Liyang Pan,Jun Xu</i>	
Analysis and Calculation of Load Distribution for Slewing Bearing.....	1046
<i>Li Yunfeng,Chen Hongtao</i>	
Analysis and Design of Circularly Polarized Waveguide Slot Array Antenna.....	1050
<i>xiaochuan li;xiaodong yang;yingsong li;yi miao</i>	
Analysis of Discharge Matching Methods for High Lift Conveyance Cascade Pumping Station.....	1055
<i>Zhu Man-lin, Zhang Yan-he, Wang Tao, Li Xiao-zhou</i>	
Analysis of the direction of the airflow generated by moving vehicles in a long tunnel.....	1059
<i>Jia-Twu Lee,Guo-Siang Tseng,Wu-Chou Yu</i>	
Analysis of the Impedance Measurement of Transmission Lines with Two-Phase Short Circuit.....	1063
<i>Huiqiong Deng,Leiming Geng</i>	
Analysis on Metal Allowance of the Auto panel Die Casting Blank in the Rough Machining.....	1071
<i>Jing chen,Fulin Wang,Xujing Yang,Jie Fu</i>	
Analysis on Stress Loss in Prestressed Concrete Structure.....	1075
<i>Weixun Hu</i>	
Application of Circulation Water Processing Technology in Oil Refinery.....	1079
<i>Lan Li</i>	
Application of Data Mining in Supermarket.....	1082
<i>Zhang Aiguo,Jiang Lanling,Song Ping</i>	
Application of Numerical Simulation in the Slope Stability Analysis of Reservoir Bank.....	1086
<i>Yunpeng Liu</i>	
Bearing fault diagnosis based on Redundant Second Generation Wavelet Denoising and EEMD.....	1090
<i>Xiaoming Lu,Jine Wang</i>	
Bus Data Acquisition and Remote Monitoring System Based on CAN Bus and GPRS.....	1094
<i>HaiPing Sun,Hong Zeng,JiaLi Guo</i>	
Cadmium and Cobalt Removal from Heavy Metal Solution Using Oyster Shells Adsorbent.....	1098
<i>GAO Yan-jiao</i>	
Characteristics and Rebuilding of urban landscape of the Xuchang Ancient City.....	1102
<i>Zhongxuan Li, Jiamei Huang</i>	
China as a Site of International Planning and Design Practice.....	1106
<i>Yun ZHANG, Ming DU</i>	
Colour and Urban Landscape.....	1110
<i>Xueping Wu,Shicheng Xu</i>	
Combined Effects of Variable Specific Heats and Heat Loss on the Performance of an Atkinson Cycle.....	1114
<i>Shuhn-Shyurng Hou, Huan-Ming Chou, Shn-Jhang Li, Jheng-Hong Jheng</i>	
Comparison and Analysis of Carbon Emissions from Energy Consumption between China and Canada.....	1118
<i>Wang Geng,Wang Yanshuang,Wang Li,Wang Fangxiang</i>	
Comprehensive application of error-correcting coding and diversity reception technology to optimize the trunking communication system in CERS.....	1123
<i>Dong Zhong,Zhongming Li</i>	
Congestion Detection for Video Traffic in Wireless Sensor Networks.....	1127
<i>Hemmat Sheikhi,Mousa Dashti,Mehdi Dehghan</i>	

Constructing the Water Circulation System to Maintain and Improve the Urban Landscape Water.....	1132
<i>Kang mengxin,Tian yimei</i>	
Construction Safety Evaluation Based on Intuitionistic Fuzzy TOPSIS.....	1136
<i>Yan Bo</i>	
CPSec Manager: Secure Content Protection Management Technology with time and space constraint for E-document.....	1140
<i>YAN Xi-xi,MA Zhao-feng,Lu Xiao-feng,YANG Yi-xian,NIU Xin-xin</i>	
Cracks Detection of Beam-type Structures Based on Curvature in Time Domain Using Smeared Crack Model.....	1146
<i>Yong-Guang LIU</i>	
Curve Fitting and Error Analysis on Axis Bending of Shafts.....	1150
<i>Yuanchao Deng, Xuan Hu</i>	
Design and implementation of UWB pulse with multiple narrow-band interferences mitigation.....	1154
<i>Guiying Zhang, Yujie Dai,Xiaoxing Zhang, Yingjie Lv,Liying Chen</i>	
Design on Large-Scale Shaft lining Mechanical Simulation Test System.....	1158
<i>LUO Jing,LIU Xi-liang,WANG Yu-qing</i>	
Detection and Quantitation of Insulin-like Growth Factor-1 in Velvet Antler by an Enzyme-linked Immunosorbent Assay.....	1162
<i>Liu Chunjuan,Zhang Shouqin, Li Dongsheng, Dou Jianpeng</i>	
Driving Circuit and System Integration for High Efficiency HID Emission.....	1169
<i>Ming-Chih Huang,Ming-Huei Chen,Hao-Hui Chen,Ren-Hong Zheng</i>	
Durability Evaluation Of Post-Fire Concrete Structure Based On Carbonation.....	1175
<i>wei zi, zhiwu yu</i>	
Dynamic Model Updating of Long-span Bridge Based on Optimization Design Principle under Environment Excitation.....	1178
<i>Qing Zhao</i>	
Dynamic simulation of three-axis variable elliptical trajectory equal-thickness screen based on MATLAB.....	1182
<i>Zhou Haipei,Liu Chusheng,Xia Yunfei,Zhang Shimin</i>	
Dynamics Analysis of Mine Trunk Based on Virtual Simulation Software ADAMS.....	1186
<i>Aiying Yao,Xiaoyan Xiong,Ruiyuan Cao</i>	
Effect of double line viaduct noise barrier height on aerodynamic characteristics of high speed train.....	1190
<i>Jianbin Luo,Zhigang Yang</i>	
Effect of many air cooling fans in operation on dynamic response of bridge truss.....	1194
<i>Tiejun Qu,Fei Zhao,Xianyun Wang</i>	
Effects of Ground Treatment on site seismic response.....	1198
<i>Ge Gang,Liu Jian-min</i>	
Efficient Biosorptive Removal of Chromium(VI).....	1203
<i>Piyush Kant Pandey,Madhurima Pandey,Rekha Sharma</i>	
Emission Distribution of Volatile Organic Compounds of Semiconductor and Photovoltaic (TFT-LCD) Industries.....	1206
<i>Mei-Fang Lu, Mei-Chuan Huang, Jim Juimin Lin</i>	
Energy-Aware Routing Protocol based Virtual Backbone for Wireless Sensor Network.....	1212
<i>Zhuo Liu;Bingwen Wang; Wei Wang;Wei Xiong</i>	
Engineering Case for Municipal Wastewater Treatment by an Oxidation Ditch-type A2/O + Advanced Treatment Process.....	1216
<i>Yafeng Li,Xiaoning Zhang,Linlin Zhen</i>	
Engineering Properities of Coal Gangue with Fly-ash Lime.....	1220
<i>ZHANG Yan,MENG Fan-feng</i>	
Enhanced Biodegradation of Toluene and Naphthalene in Contaminated Soils with the Application	

of Biosolids.....	1223
<i>JUI-MIN HUNG,HUNG-YUEH CHANG,CHIH-JEN LU</i>	
Enhancement of Thermo-oxidative Aging Resistance of Ramie Fiber/HDPE Composites Using Tetrakis[methylene(3,5-di-tert-butyl-4-hydroxyhydrocinnamate)]methane as Antioxidant.....	1227
<i>Wen Lei,Chao Ren,Tao Huang,Lei Lei</i>	
Entropy weight fuzzy synthetic evaluation-based risk.....	1231
<i>Lian-fa Ruan,Zhi Li</i>	
Environment and Economic Social Development of Healthy Adaptation.....	1236
<i>HU Chengbo</i>	
errors resulting from calibration distance.....	1240
<i>wang zhesi</i>	
Evaluation of Eco-city Based on the Fuzzy Matter Element Model.....	1244
<i>Li Hong</i>	
Evaluation of Low Cyclic Thermal Fatigue Life and Safety for Diesel Engine's Pistons.....	1248
<i>Wenxiao Zhang,Xiaofei Ding,Guodong Gao</i>	
Evaluation of three models for calculating daily global solar radiation at Yushu, Tibet.....	1252
<i>Liu Yuehua,Jiang Yingni,Chen Xinxiao</i>	
Experience the Physical Beauty and Construct the Cultural Function.....	1256
<i>Wang Jing</i>	
Experimental and numerical study on the stirred pulp-mixing process with addition accessory.....	1260
<i>Wang Li-jun,Yan Xiao-kang,Zhang Hai-jun,Li Zhen</i>	
Experimental Research on New and Old Crack Comprehensive Repair to Concrete Beams.....	1264
<i>Huanqin Cai,Ruijun Li,Yanfang Li</i>	
Experimental Study on Effect of Magnetic Fields on Heat Transfer Performance of Nanofluid Heat Pipe.....	1268
<i>Yu Wang</i>	
Experimental Study on Transmission Abnormal Sound Based on Side-band Frequency Analysis.....	1272
<i>Yao Yunshi,Feng Zhongxu,Ma Fangwu,Wu Wei,Liu Qiang</i>	
Exploration of an Experimental Teaching Mode in Innovating Talents Cultivating.....	1276
<i>Deng Beixing,Xu Shuzheng,Ma Xiaohong</i>	
Exploring the Use of Physiology in Adaptive Game Design.....	1280
<i>Shaomei Wu,Tao Lin</i>	
Factors Leading to Instability of Extra-low Permeability Oilfield Produced Water by Water Characteristic Analysis.....	1284
<i>Jinghao Dong, Yu Tian, Xinying Su, Ye Xiong, Yuna Xu</i>	
Factors of Comprehensively Evaluating the Psychological Health by "Physical Fitness and Health Criteria.....	1289
<i>weisicheng,lihui</i>	
Fast subpixel edge extraction based on two Fourier-Mellin moments with different mask sizes.....	1293
<i>Tao Zeng,Gengchen Shi,Huayin Zheng,Zhen Wang</i>	
FH-PMIPv6: A Fast Handoff Scheme in Proxy Mobile IPv6 Networks.....	1297
<i>Ming-Chin Chuang,Jeng-Farn Lee</i>	
Finite Element Analysis About Subsidence Properties of Composite Foundation Under Embankment.....	1301
<i>Pan Weidong , Lv Yonggang,Zhu Ke, Gu Renguo</i>	
Finite Element Simulation Analysis of Ultra High Voltage Long Span Transmission Tower Pile-group Foundation.....	1306
<i>Gan Fenglin,Yu Shanshan</i>	
Fixed Point Dual Circular 32-QAM Performance for Wireless USB.....	1310
<i>Runfeng Yang, Jianyong Bian, Cailian Zhu</i>	

Force Loading Cam Design and Simulating By Adams.....	1315
<i>Gao Lixia,Liu Xiumei,Wang Songtao</i>	
General Analysis of Correlation between Main Areas of Malignant Tumor and Environmental Pollution.....	1319
<i>Li Haiping;Luo Jiyu</i>	
High-performance implementation approach of elliptic curve cryptosystem for wireless network applications.....	1323
<i>Abdalthossein Rezai,Parviz Keshavarzi</i>	
Implementation of an Embedded Induction Motor Test and Analysis System.....	1328
<i>Hongbin Gao,Yukun Liu,Liwei Guo</i>	
Influence of Highway Network construction on Ecological Service Value in Shandong Province.....	1332
<i>Zhang Wei</i>	
Influence of vehicle weight on CST shear fracture and blunt edge roundness.....	1336
<i>Xiaoyuan ZHANG,Muxi LEI,Zhengbao LEI,Yonghan LI</i>	
Information Identification Algorithm for Satellite Navigation Under Hostile Interference.....	1340
<i>Yangchun Shi;Jing Wang</i>	
Information Support for Strategic Spatial Planning.....	1344
<i>Ningrui DU</i>	
Intelligent Control of Pump Controlled Cylinder.....	1348
<i>Deng Biao, Su Wenbin, Guo Qinyang, Zhang An, Zhang Lei</i>	
Intelligent Course Plotter based on ARM and Linux.....	1353
<i>yi miao,weidong zhou,xiaochuan li,binglei liu</i>	
Interference and Energy Aware Topology Control.....	1357
<i>Zhang Luqiao,Zhu Qinxin</i>	
Key Techniques in Green Communication.....	1360
<i>Fu Chuan,Liu Anqing</i>	
Linear analysis of a magnetized plasma loaded helix type slow wave structure.....	1364
<i>Xie Hongquan,You Jia,Wang Junbo</i>	
Loss of Hydropower Caused by Upstream Water Diversion.....	1368
<i>Xin Zhang, Chao Song, Jiazhen Li, Mingke Zheng</i>	
Low-Complexity Calculating Scheme of Feedback Information for Receiver in EBSTBC.....	1372
<i>Ziwei Hu,Chaowei Yuan,Wei Zhao</i>	
Magnetic Flux Leakage Data Lossless Compression Based on Context Tree Weighting.....	1376
<i>Wei Cheng,Liang Chen,Ke Wang,Wei Liang</i>	
Making Eco-Smart City in the Future.....	1380
<i>Shidan Cheng, Siqi Xie</i>	
Mechanical Properties of Nano Montmorillonite Modified Wood-Plastic Composites.....	1384
<i>Jin Zhu,Wen Lei,Lei Lei,Tian-qing Wang,Zhe-yu Qian</i>	
Mechanical-Electronic-Hydraulic Integration Light Load Linear Reciprocating Motion Device Driven by Eccentric Shaft Motor.....	1388
<i>Zhao Weiwei, Li Xin, Wang Mingdi, Zhong Kangmin</i>	
Mechanism on Smoke Suppression of PVC/Nano Hydrotalcite-Zinc Oxide Composite.....	1391
<i>Zhonghou Zhang; Yingying Li; Chunmian Yan; Guangxiu Cao</i>	
Mechanism Reliability Analysis Based on Kriging model and Genetic Algorithm.....	1394
<i>Lai Xiongming,Wu Zhenghui</i>	
Mitigation of Transmit Correlation for MIMO Spatial Multiplexing through Phase Rotation Precoding.....	1398
<i>Chuanlian Ma</i>	
MKMS: Multicast Key Management Scheme for Proxy Mobile IPv6 Networks.....	1402
<i>Ming-Chin Chuang,Jeng-Farn Lee</i>	

Mobile Bookstore Services of TD-SCDMA in E-paper Devices.....	1406
<i>Qing-Cheng Li,Zhan-Ying Zhang</i>	
Model Updating of Air Purification Half Time under Complex Electric Fields.....	1410
<i>Li Tao,Junhua Chen,Pingdao Gu, Zibing Yang</i>	
Modeling the Potential Spatial Distribution of Endemic Plant Potaninia Mongolica.....	1414
<i>Ma Songmei,Zhang Mingli,Chen Xi</i>	
Monitoring and Control Technology in Cantilever Construction of Continuous Beam Bridge.....	1418
<i>Baofeng Pan,Gang Li</i>	
Moving Object Tracking System Based On Camshift And Kalman Filter.....	1423
<i>Shengluan Huang,Jingxin Hong</i>	
New Image De-noising Method Using Curvelet Transform.....	1427
<i>Jing Ji,Shan Gai</i>	
Non-destructive Testing Numerical Simulation of Anchor System Based on Dynamic Response.....	1431
<i>QIN Ying,WU Yanli</i>	
Nonlinear numerical analysis of piles-soil interaction in lateral spreading of liquefied ground.....	1434
<i>Qi SHAO,Xiao-wei TANG,Xu BAI</i>	
Nonoscillation and oscillation criteria for second order half-linear differential equation with damping.....	1438
<i>Li Pengsong, You Yunyan, Xie Jisheng, Chen Shuji</i>	
Novel excellent property film Prepared from Methacryloyl chloride -graft-Guar Gum Matrixes.....	1442
<i>Wenfa Xiao , Litao Dong</i>	
Numeric simulation of Fraunhofer diffraction.....	1446
<i>Zhao Zheng</i>	
Numerical Studies on Correlation Distance of Soil Properties.....	1450
<i>Li Guo-Gang,Wang Gang-cheng,Pang Hai-quan</i>	
Optimal Coherent Integration Time Design of 3rd-Order Digital Carrier Tracking Loop for Weak Signals in GNSS Receivers.....	1454
<i>Wu Xiangyu, Li Caihua, Ou Gang</i>	
Optimization of booster disinfection with backtracking algorithm.....	1458
<i>Fanlin MENG,Shuming LIU,Pierre Auckenthaler,Lu BAI,Huanhuan WANG,Xue WU</i>	
Optimization of microwave-assisted extraction of chondroitin sulfate from tilapia byproduct by response surface methodology.....	1462
<i>cheng changyu,wu yanyan,duan zhenhua,chang hong,shang jun</i>	
Optimum Design of Articulated Dump Truck's Final Drive based on Adaptive Simulated Annealing Algorithm.....	1466
<i>Zhiguo Zhao,Jiansheng Wang</i>	
Optimum design of steel box-concrete composite arch bridges based on improved genetic algorithms.....	1470
<i>DongJun Chen</i>	
Performance Comparison of SC-FDMA-CDMA and OFDM-CDMA Systems for Uplink.....	1475
<i>Zhongqiang Luo, Xingzhong Xiong</i>	
Phase rotation precoding for Vertical-BLAST.....	1480
<i>Tong Xia</i>	
Photodegradation of Malachite Green by Bi ₂ WO ₆ Photocatalyst.....	1484
<i>Yijie Chen,Yaqin Zhang,Chen Liu,Aiming Lu,Weihua Zhang</i>	
Physico-chemical Properties of Reclaimed Soil Filled with Flyash: A Case Study of Huainan.....	1488
<i>Yaoping Chen, Jiaping Yan</i>	
Plan of Bicycle Lane System in Old Urban Areas A Case Study on Xi'an Ming City Wall Area.....	1492
<i>Chao-qun MA,Yu-ping WANG</i>	
Planning Method for Large Scale Waste Transfer Station Location of Xuzhou Urban Area.....	1497

PLC Virtual Simulation Experiment Software Design and Implementation.....	1501
<i>Zhou Yajun, Lu Haojie, Yu Wujia</i>	
Position Estimation of a Mobile Robot by PSO Algorithm Using a Laser Range Finder.....	1505
<i>Li-Chun Lai, Chun-Feng Lu, Yen-Ching Chang, Tsong-Li Lee</i>	
PPAS: A Privacy Preservation Authentication Scheme for Vehicle-to-Infrastructure Communication Networks.....	1509
<i>Ming-Chin Chuang, Jeng-Farn Lee</i>	
Predicting the Potential Distribution Patterns of the Rare Plant <i>Gymnocarpus Przewalskii</i> Under Present and Future Climate Change.....	1513
<i>Ma Songmei, Zhang Mingli, Chen Xi</i>	
Prediction of Municipal Solid Waste Landfill Settlement with Leachate Recirculation.....	1516
<i>gangqiu, hongjunsun</i>	
Preparation of tin oxide/multiwalled carbon nanotube nanocomposites and its application for detection of partial discharge in SF ₆ gas.....	1519
<i>Honglin Fang, Yunhuai Zhang, Peng Xiao</i>	
Production of acetoin by <i>Bacillus subtilis</i> TH-49.....	1524
<i>Hui Xu, Shiru Jia, Jianjun Liu</i>	
Public Space Design of Resort Hotel Based on the Landscape View.....	1528
<i>Huining Xu, Yun Li</i>	
Pulse Frequency Modulation LLC Series Resonant X-Ray Power Supply.....	1532
<i>Zhengmao ZHANG, Zhide TANG</i>	
Realization Of Publicness And Openness Research on design of open city park's edge space.....	1536
<i>Wei SU, Jin ZUO</i>	
Reconfiguration of Communications Constellation with ISLs: Fix the Net.....	1540
<i>Xiaoyan Chen, Chao Han</i>	
Refitting Design of Miniature Biogas Generating System.....	1544
<i>Shi Ling, Rang Guowei, Huang Zhaobo, Zhang Rukun</i>	
Reinforcing Practice Teaching of Software Engineering for Fostering the Creative Talent.....	1548
<i>Lupeng Sun, Tingqin LV, Liwu Pan</i>	
Renovation Design of Traditional Blocks Based on Experience The study of Xuzhou former committee block.....	1552
<i>Zhu Dongdong, Yu Dan, Zhang Xi</i>	
Research and Development of 4D Construction Management System for Zhenru Shanghai West Railway Station.....	1556
<i>Wang Guangbin, Duan Xuru, Lei Wei</i>	
Research of A New Type Series-parallel Converted UPS Circuit And Its Control Strategy.....	1560
<i>YangLi, Ji Hong-tao</i>	
Research of detecting lift car position by the photoelectric sensor Si1120.....	1564
<i>De-qiang Gu, Guo-jun Zhao, Xue-Fu Zhang, Jian Huang, Jun-hui Wang</i>	
Research of Rebound Strength Detection Curve for Ancient Architecture Wall Bricks.....	1568
<i>Shiyong Zhao, Tiecheng Wang, Zhanlei Wang</i>	
Research of Three-axis Vibration Sensor and Calibration Method Based on MEMS.....	1572
<i>TANG Gui; GUO Tao; ZHANG Qingzhi; ZHU Jie</i>	
Research on Contact Stress in Curving Hole of Prestressed Concrete Structure.....	1576
<i>Zhang Kaiyin, Li Chen, Cheng Chen</i>	
Research on DTN Data Forwarding Algorithm Based on Node's Position and Moving Direction.....	1581
<i>Du Xuehui, Wang Yadi, Chen Xingyuan, Wang Zhen</i>	
Research on logistics network node location model based on case-based reasoning.....	1586

Research on Some Critical Problems of Contracting for Building Information Model.....	1590
<i>Wang Guangbin,Duan Xuru,Lei Wei</i>	
Research on STATCOM Principle and Control Technology.....	1593
<i>Ying ZHAO,Bo-wen SUN</i>	
Research on Teacher Education Model Constructed by Virtual Learning Community Based on Video Cases.....	1597
<i>Hongyun Wang,Haiguang Fang,Baocong Jiao,Min Liu</i>	
Research on the ChaShou structure of the wooden architecture in East Asia.....	1602
<i>ZHANG MingHao</i>	
Research on the grid plate resistance of the air dense medium fluidized bed based on AMESim.....	1607
<i>Xiaohua Hong,Xiaoyan Zhang,Xianfeng Wang</i>	
Research on the Power of FDI Control in China's Machinery Industry.....	1610
<i>Qiao Wenjun,Bu Wei,Xie Minhua</i>	
Research on the Prediction of Water Treatment Plant Coagulant Dosage Based on Feed-forward Artificial Neutral Network.....	1615
<i>Wang Xiaojie, Ji Yunzhe, Li Xiaojing</i>	
Research on way-use performance for powder soil as road subbase course.....	1618
<i>Zhanyou Yan,Guofang Zhao</i>	
Research Progress of Nuclear, Biological and Chemical Polluted Water Treatment.....	1622
<i>Wang Xiaojie, Li Xiaojing, Ji Yunzhe</i>	
Researches on the Gradual Development Strategy of the Green Civil Building.....	1626
<i>Chen Wei,Tang Jincai</i>	
Rock failure process research and analysis of fractal.....	1630
<i>Li Binglei,Gao Yongtao,Lei Xiaojuan</i>	
Seismic Behavior of Composite Frame Infilled Composite Steel Plate Shear Walls.....	1634
<i>RONG Qin,GUO Lanhui,FAN Feng,ZHANG Sumei</i>	
Seismic Property and Influential Factors Analysis of Reinforced Brick Masonry Wall with CFRP.....	1639
<i>Liu Dan,Yang Dejian</i>	
Selection of fungus with high ability of cellulase activity production using UV mutagenesis.....	1643
<i>Jia Liu,Yujie Feng,Yanlin Yu,Xiangtong Zhou,Weihua He</i>	
Simulation and Research on Active Handoff Decision Strategy in Aviation Data Link.....	1646
<i>Cao Zhida, Zhang Xuejun</i>	
Simulation platform repository of three-dimensional entity database design and development.....	1650
<i>Lin Xiaoqiong;Guo Qingshuan;Yu Beiming</i>	
Soil Eco-hydrological Characteristics of Typical Vegetation Community in Yellow River Delta.....	1653
<i>Jiangbao Xia;Zhaohua Lu;Chuanrong Li;Peng Gao</i>	
Soil Respiration in the Deglaciated Area on Gongga Mountain, Southwest China.....	1657
<i>Ji Luo,Mingde Liu,Dong Yu,Youchao Chen,Jun Zhou,Keqing Wang</i>	
Solid-liquid metastable equilibria in the aqueous ternary system containing lithium, magnesium, and sulfate ions at 273.15 K.....	1661
<i>Shiqiang Wang, Yafei Guo, Tianlong Deng</i>	
Spatial distribution of soil organic carbon of Kaoping river basin in Taiwan.....	1665
<i>Jie-Lun Chiang , Shing-Rung Tsai</i>	
Statistical Characters of Typhoon Rainstorms in Hunan Province.....	1668
<i>Zhang Yong,Xiang Yunbo,Wang Xin,Mo Hongwei,Yu Guanghui,Yuan Kaiguo,Su Jikang,Zhang Xin</i>	
Strength and microstructure of class C fly ash based geopolymers activated with sodium silicate powder.....	1672
<i>XueYing Li, EnZu Zheng, YaDing Zhao, ChunLong Ma</i>	

Stress Detection And Tension Control Technique Of Pre-Stressed Reinforcement.....	1676
<i>Tao Lin,Wei Zi</i>	
Structural Strength Analysis of Suspended Pipeline Sealer.....	1679
<i>Xianjin Shi,Baochao Wang,Chao Yang,Guangxi Nan,Hongqi Liu</i>	
Studies on Sulphoaluminate Aluminium Cement Clinker Prepared by Sodium Bentonite.....	1683
<i>CAO Mingli,LIU Jing</i>	
Studies on the carbon emissions supervision system of low carbon urban.....	1687
<i>Chen Jinyi, He Yingjia, Li Jia, Li Nian;Zhang Xiaomei</i>	
Study of a New Detection Technology for Sensorless PMSM Drive with Flux Linkage Observer.....	1691
<i>Zheng Baozhou,Wu Lili,Lin Aiyang,Li Fuqiang,Yuan Chao,Dang Jianliang</i>	
Study of Iron Release Kinetics Model When Desalinated Water Transmitted in Water Distribution System.....	1695
<i>Guo Hao,Tian YiMei,Liu Yang</i>	
Study of Optimization Control Strategy of Ice Storage System.....	1699
<i>Liu chunchun,Tong wei</i>	
Study of the Simulation Method of Normal Hysteretic Characteristics of the Joint.....	1703
<i>Wang Shijun, Gou Peng, Ma Jingzhi, Zhao Jinjuan</i>	
Study on Development of Device Driver Based on CNC System.....	1707
<i>Gao Rong,Jiang Kerong,Wang Zhisen</i>	
Study on Landscape Ecology Compensatory Design of Old Urban Riverside Area.....	1711
<i>Zheng yahui,Wang yiping,Liu chunru,Zhang ying</i>	
Study on Rock Micro-Rupture Mechanism and Macroscopic Fracture Characteristic of Phyllite.....	1715
<i>Zheng Da</i>	
Study on Synthesis of dl- Monopivalyl Glycerol Ester.....	1719
<i>Xiao-Li Zhen,Jian-Rong Han,Xia Tian,Guang- Hua Lei,Shou-Xi Liu</i>	
Study on the Determinants of Life Netrepreneurs' Reputation Based on Content Analysis.....	1722
<i>Xuefeng Zhao,Xiao Yang,Xiaoyu Shan,Yue Li</i>	
Study on the Engineering Diseases of the Loess Regions Construction.....	1726
<i>XU Yunbo,PAN Bingyu,ZHANG Dali,WANG Wei</i>	
Study on the influence of the depth/thickness ratio on the ground deformation.....	1730
<i>Li Qirui, Li Guangjie, Yang Zhaohua</i>	
Study on the Regeneration Modes of the Old Residential Area in the City- Using Lanzhou as the case.....	1734
<i>Shunyao Zhang ,Shunyao Zhang ,Furong Lei,Yongcheng Wu</i>	
Study on the theme park design method based-on GPS investigation.....	1738
<i>Jun Zeng,Zao Li</i>	
Study on treatment and reclamation of ammonium chloride wastewater by reverse osmosis technique.....	1746
<i>Bao-Neng Huang</i>	
Suspended Sediment Load Estimate Using Support Vector Machines in Kaoping River Basin.....	1750
<i>Jie-Lun Chiang,Yu-Shiue Tsai</i>	
System Design of Environmental Supervision of Highway Construction.....	1754
<i>Yujie Huang, Yi Shen,Shegang Shao,Xianwei Wei,Bocai Kan</i>	
TEAM: Trust-Extended Authentication Mechanism for Vehicular Ad Hoc Networks.....	1758
<i>Ming-Chin Chuang,Jeng-Farn Lee</i>	
The analysis of hydrochemical cause of Karst.....	1762
<i>Gao Zongjun, Ren Jiaguo, Cui Haohao, Li Zhenxing</i>	
The application of entroy power method improved on wind power generation project.....	1767
<i>shuliang liu,yanling bai</i>	
The Comparative Study on Two Technical Innovation Modes of Automobile Industry ——Based	

on the cases of Chery and Geely.....	1771
<i>WU Xiaogang,Du Rongwei</i>	
The Control and Compensation Strategy Research of Unified Power Quality Conditioner.....	1775
<i>Suping Pei,Yuguo Chen</i>	
The correlation between microenvironment and tomato fruit quality in greenhouse.....	1779
<i>Liang Yinli,Lin Xingjun,Wei Zexiu,Inosako. K.,Yamada. S.,Bai Yanmei,Inoue.M.</i>	
The Current Practice and Promotion Strategy of Dry-mix Mortars in Taiwan-Taking Technology Acceptance Model as an Approach.....	1783
<i>Chung-Fah Huang,Rong-Lu Chen,Jin-Ling Lin</i>	
The Demonstration Sysetm of Agricultural Informatization Courses for Web Teaching.....	1787
<i>You-fu Jiang</i>	
The Design and Implementation of Media Distribution System In 3Tnet VOD.....	1791
<i>Quan Zheng,Zhong-Kui Zeng,Wei Luo</i>	
The Effect of Ammonia Initial Concentration in Membrane Distillation Process for High Ammonia Concentration Wastewater Treatment.....	1795
<i>Liu qianliang,Ma Jun</i>	
The Effects of a Green Roof on Rainwater Runoff.....	1798
<i>Chao-Hsien Liaw, En-Hao Huang, Chih-Ting Lai, Shih- Chieh Lin</i>	
The Electric Power Clamping Device Driven by Stepmotor and Screw-Togge-Lever Force Amplifier in Series.....	1802
<i>Sun Chengfeng,Zhong Kangmin</i>	
The General Waveform Development Flow of Software Defined Radio.....	1806
<i>Guan Jianxin,Ye Xiaohui,Gao Jun,Liu Quan</i>	
The Gerber-Shiu Discounted Penalty Function for Classical Risk Model with a Linear Dividend Barrier.....	1810
<i>Xuesi Ma,Zhongqiang Liu</i>	
The impact of forest cover degree of surface for runoff and geological environmental.....	1814
<i>Gao Zongjun, Zhang Chunrong, Meng Huanhuan, Jiao Zhichao</i>	
The Implement of Multichannel and Adjustable Gain A/D Sampling System.....	1819
<i>Wenjie Liu, Maoqin Zhang, Xiaoyu Zhou</i>	
The Measures of Design and Construction in Collapsible Loess Regions.....	1823
<i>PAN Bingyu,XU Yunbo,XU Xiaolei,LI Baohua</i>	
The Research of Two-lane Highway Longitudinal Slope Based on the Running Speed in the Plateau Areas.....	1827
<i>Jian-gang QIAO,Ying-ying WEN,Ning Yang,Jin-hua SONG</i>	
the Research on Tectonic System from a Multidimensional View.....	1831
<i>Huimin Lu,Yiping Wang</i>	
The Seismic Response Analysis of Subway Station in Different Artificial Boundary Conditions.....	1834
<i>Chen Fei,Zhang Guodong,Yu Xiaohu</i>	
The Simulation Towards a Robust Wireless Sensor Network for the Environment Control.....	1840
<i>Jun Steed Huang,Xiaoxiao Liu,Qingqing Yang,Xuehua Song</i>	
The Study of a Novel Inverter Based on Combination of Asymmetrical PWM and PDM Control.....	1844
<i>GAO Chenglin,ZHOU Yueqing</i>	
The Study of Control of Carbon Content in Fly Ash in Ultra-Supercritical Opposed Boiler Basing on Non-linear Method.....	1848
<i>Jianchen Hu,Kaihua Xu,Dingping Liu</i>	
The Technological Research on the Separation Between Low Alkalinity Copper and Sulfur of A Certain Miner Containing Copper Sulfur iron In AnHui.....	1852
<i>Li Xiao-bo;Xiong Shu-hua;Yu Xia-jing;Wang Li-peng</i>	
The Tectonic Bricolage of Glass and Steel Architecture in Taiwan.....	1856
<i>Chih-ming Shih,Yu-i Chang</i>	

Transient Queue Length Distribution of the Shortest Queue Model.....	1863
<i>Junxiang CHENG, Ming LI</i>	
Treatment and reuse of printing and dyeing wastewater using BAF/DM technology.....	1866
<i>Xujie Lu, Qiongyu Liu, Junxia Liu</i>	
Understory light regimes in old-growth and secondgrowth temperate forests of Northeastern China.....	1870
<i>Fei Lin, Liwei Wang, Zuoqiang Yuan, Dingliang Xing, Xuejiao Bai, Xugao Wang, Zhanqing Hao</i>	
Urban Simulation Technology Application and Essential Technical Research.....	1874
<i>Yang Li</i>	
Urbanization and Land Resource Utilization: a perspective of Matter- humanaffair 3 Principles' Harmony.....	1879
<i>YU Lixin</i>	
Using Artificial Neural Network for Reservoir Water Quality Analysis in Taiwan.....	1883
<i>Chou-Ping Yang, Chi-Ying Hsieh, Yu-Min Wang, Wen-Ping Hsiao</i>	
Verification and Analysis of a TRNSYS Model of a Demonstration House Equipped with a Solar Assisted Ground Coupled Heat Pump System.....	1887
<i>Chao Lu, Maoyu Zheng, Wey H. Leong</i>	
weight analysis on parameters of self-pierce riveting.....	1892
<i>Liu Ruijun, Dang Xiangwen</i>	
Wind Direction Influencing the Mechanical Property of Corrrctive Maintenance Tower.....	1896
<i>Kong Wei, Lin Zenan</i>	

Table Of Content

Volume 3

A Algorithm Research for Stereo Video Object Segmentation and 3-D Reconstruction.....	1899
<i>Jun Zhang, Shen-wen Liu, Zheng-ling Yang, Jian-hua Ye</i>	
A Applied Research into Switched Reluctance Motor in Electric Vehicle.....	1903
<i>Lin Miaoshan, Wang Yuqun, Chen Yunxing</i>	
A Comprehensive Error Analysis of Horizontal Machining Center based on Volumetric Error Model.....	1908
<i>Dong Zhai, Liping Zhu, Hui Zhang, Tong Zhao</i>	
A Digital Control Method of Active Power Filter.....	1912
<i>Bin Li, Hailong Lu</i>	
A Dynamic Inversion Controller Design for Miniature Unmanned Aerial Vehicles.....	1916
<i>Song Wang, Juan Li, Sihong Wang</i>	
A Fully-Automatic Higher precision Apparatus for.....	1922
<i>Ge Lijun; Zhang Tao; Xu Ying</i>	
A high accuracy localization based on RSSI measurements.....	1926
<i>Xiaoyong Yan, Huanyan Qian, Ya Huang, Zhipeng Jiang</i>	
A Research of Digital Signal Phase Difference Algorithm for Power System.....	1930
<i>Chen Kongyang, Cao Jian, Ding Jiafeng</i>	
A SIFT Matching Algorithm Based On Adaptive Contrast Threshold.....	1934
<i>You ZHAI, Luan ZENG</i>	
A Simple SVM Control Algorithm for Inverter.....	1938
<i>CHEN Yongchao, SUN Zhifu</i>	
A Study on Optimization of Building Life Cycle Energy Consumption.....	1942
<i>Xie Jing, Yuan Jingling, Yuan Yan</i>	
Active Target Tracking based on Mean Shift Algorithm and Color Template Matching.....	1945
<i>Shang zhenhong, Shang Jinxia, Qiang Zhenping, Cai xiaofang, Liuhui, Shu guofeng, Yu siyang</i>	
An experimental comparative study on skin model.....	1949
<i>Jia-min WU, Yong-liang ZHANG, Gang XIAO, Qian-xi TU, Jin-cheng CHENG, Ze-nan YU</i>	
An Overview of Robot SLAM Problem.....	1953
<i>Liping QU</i>	
Analysis of Aerodynamic Characteristic on Cylinder Exhaust of Pneumatic Frictional Clutch.....	1957
<i>Shi Hu-Shan, Bai Jing, Qian Yu, Zhao Sheng-Dun</i>	
Analysis of Aerodynamic Performance of Double Container Car with Different Loading Schemes.....	1962
<i>Lin-feng LU, Tang-hong LIU</i>	
Analysis of Dynamic Response of Base Slab in Blasting Demolition of Reinforced Concrete Girders.....	1969
<i>Qi Wang, Fuqing LI, Xiangdong Hu, Fei ZHAO</i>	
Analysis of Ecological Community Assessment in Taipei Based on the Principle Component Analysis Method.....	1973
<i>Chang Hsiao-Tung, Chen Chih-Hao</i>	
Analysis of Lateral Disturbances on High-speed Vehicle Stability.....	1977
<i>LI Wei-ping, YIN Shi-feng, WANG Shi-dong</i>	
Analysis of Outrigger Trusses in Hybrid Structure.....	1982
<i>Jun Jiang, Jiping Hao</i>	
Anti-Swing and Position Control for Bridge Cranes by BVP Arithmetic.....	1986
<i>Yu Zhan-dong, Wang Xian-feng</i>	
Application and Evaluation on Combination Forecasting Model Based on Information Entropy	

and Shapley Value.....	1990
<i>Zheng Jian-hong,Zheng Jian-hong</i>	
Application of Artificial Intelligence Algorithm in Thermally Stimulated Discharge Apparatus.....	1994
<i>Zhou Chang,Chen Gangjin,Zhou Xia,Luo Guansong</i>	
Application of GPR and Rayleigh wave prospecting in blasting compaction of ore terminal.....	1998
<i>Qingsheng Meng, Yuqing Fan, Dahai Liu</i>	
Applications of Indigenous Plants in Water Landscape.....	2002
<i>xu qin, jin xiaoling, chen yuehua</i>	
Approach to Knowledge Service Platform for Modern Design Based on Knowledge Flow Theory.....	2006
<i>Junning Li,Wei Chen,Youbai Xie</i>	
ASP syetem Construction for Machinery Manufacturing Process Aided Equipment Management.....	2011
<i>Minru Yao,Zhenkai Yang</i>	
Assessment Method Study of highway transport Environmental safety.....	2015
<i>Huihai Ye,Gaoqiang Zhao,Xiaochun Qin</i>	
Based on the simulation for ideal injection rate and Study for its influence.....	2020
<i>Zhao Danping, Wu Shuangqun,Fan Hai Kuan,Du Xin</i>	
Biotechnology for Odor Control from Sewage Treatment Plants.....	2024
<i>Jianwei Liu,Wenlin Ma</i>	
Bispectrum and 1(1/2)Dimensional Spectrum Analysis for Vibration Data of Blower.....	2028
<i>Xueping Ren,Lei Wu,Peng Sun</i>	
Bus Frame Dynamic and Durability Analysis of using Virtual Proving Ground.....	2032
<i>LIU Dongpo,MO Xuhui</i>	
Characteristic Analysis of Traction Power Transformer with Coupling Finite Element Method of Magnetic Field and Circuit.....	2036
<i>Zhao Lu,Li Yao-hua</i>	
Characteristic study on boiling heat transfer of R417A and R22 outside smooth and enhanced tubes.....	2040
<i>Zhang Dingcai, Tian Songna, Zhao Anli, Fan Xiaowei</i>	
Characteristics analysis of high speed spindle based on full supported Aerostatic bearing.....	2044
<i>Zhonggao Yang,Jieke Li</i>	
Characterrictics of bioaccumulation of DDT by Microcystis aeruginosa in water.....	2050
<i>Zhang Haibo, Cui Fuyi, Ma Hua, Zhao Zhiwei, Lu Dawei</i>	
Civil Motorcycle Aerodynamic Characteristics Analysis Based on CFD Method.....	2054
<i>Pan Ke-cheng,Zhang Ying-chao,Li Jie,Meng Tuo</i>	
Comparision of the Evaluation Method for Building Energy Consumption in Taiwan-EEWH with USGBC-LEED Green Building Rating System.....	2058
<i>Ruey-lung Hwang,Hsiu-ya Hsu</i>	
Construction of Crane-Beam on Rock Wall in Underground Powerhouse.....	2066
<i>Yuan-jiang GONG,Shi-chun LI</i>	
Continuous Packed Bed Biosorption of Reactive Red on Pretreated Penicilium sp.....	2070
<i>Lifang Zhang,Yingying Chen,Shujuan Dai</i>	
Contrast Study on Power Quality Detection using EMD and EEMD.....	2074
<i>Yuqing Bao,Jihua Xie</i>	
Control of Brushless DC Motor with an AVR Microcontroller.....	2078
<i>Xu Wuxiong</i>	
Data Model for Product Life cycle Quality Control Mapping with Product Structure Geometrical Model.....	2082
<i>Shan jihong,Mao yalang,Sun yi</i>	
Decoupling Control of AC Hybrid Magnetic Bearing based on Active Disturbance Rejection.....	2086

Design and Implementation of Gasoline Generator Throttle Intelligent Controller.....	2090
<i>Deng Fangxiong,Zhou Guopeng,Wang Zhongyou</i>	
Design and Implementation of Data Acquisition System for Three-axis Integrative Fiber Optic Gyroscope.....	2094
<i>Ming Jiang,Xinzhong Zhang,Hu Xie</i>	
Design and numerical analysis of an axial-flow pump for crude oil transportation.....	2098
<i>GAO Xi-yan,LI Dong-ping</i>	
Design and Simulation of Wireless Environment Monitor Based on Proteus.....	2102
<i>Wu Xuejun</i>	
Design Based on Pro/E for a Hydraulic Scissors Lift Platform.....	2106
<i>Tian Hongyu,Liu Haiyang</i>	
Design of Centrifuge Electric Control System Based on PLC.....	2110
<i>Yang Wang</i>	
Design of digital controlled-constant current source based on AVR.....	2114
<i>Fangmei Liu</i>	
Design of Multi-channel Pill-loading Data Acquisition System.....	2118
<i>Hai Yan,Wang Ke-yong,Deng Jia-hao,Zhang Zhi-peng</i>	
Design of novel 1×4 power splitter by directional coupling between photonic crystal waveguides.....	2122
<i>Yongfeng Gao,Ming Zhou,Lingling Xing,Jun Zhou</i>	
Development of a Gas Flow Calibration Facility by Master Meter Method.....	2126
<i>Li Shengjie, Sun Lijun, Qi Lixiao, Qi Lei, Zhang Tao</i>	
Development of Communication Interface of AC Charging for Charging Station Based on ZigBee.....	2130
<i>Jian Deng ,Chao Deng ,Changjun Xie ,Shuhai Quan</i>	
Development of Flow Stability Experimental Platform on Water Flow Calibration Facility.....	2134
<i>Qiu Xiang,Sun Lijun,Li Bao,Zhang Tao</i>	
Disaster prevention of rockfall hazard risk at Laiyi Village, Pingtung County, Taiwan.....	2138
<i>Meng-Wei Huang,Chin-Yu Lee</i>	
Discussion on Marine Ecological Compensation of Reclaiming Land from Sea.....	2142
<i>Pingting Lian,Weiqi Chen</i>	
Distribution of trace elements in sediments from rivers around the northern Taihu Lake and evaluation of the contamination level.....	2146
<i>Xuyin Yuan,Jizhou Li,Hongmeng Ye,Minxia Ge</i>	
DYNAMIC ANALYSIS OF CYLINDRICAL TYPE ULTRASONIC MOTOR BASED ON EULER.....	2150
<i>Zhongying Wang,Xianzhou Cao,Qunying Jiao,Yu Chen</i>	
Dynamic Simulation for Fuel Cell Based on Distributed and Lumped Parameter Models.....	2154
<i>Lamei Xu,Jinsheng Xiao</i>	
Dynamics and Strength Analysis of Ring-plate Planetary Indexing Cam Mechanism.....	2158
<i>Tian Guangcai</i>	
Effect of Assembly Pressure on Performance of Polymer Electrolyte Membrane Fuel Cells.....	2162
<i>Yibo Zhou,Qing Du,Yan Yin,Xianguo Li</i>	
Effect of old mixture proportion on gradation and performance of recycled asphalt mixture.....	2167
<i>Peilong LI,Zhan DING</i>	
Effect of the plasma and temperature on the chemical components of particulate matter using corona discharge.....	2171
<i>Chaochen Ma,Lei Zhong,Shuliang Yu</i>	
Effects of paddy field operation on soil elements.....	2175
<i>Lee Yi-Hsien,Chen Ting-Chien,Yeh Yi-Lung</i>	

Embeded Reactive Power Compensator and Power Factor Monitor System.....	2179
<i>GONG Peng,XU Shuhua,GONG Yue</i>	
Energy Harvesting Characteristics of a Cantilever Piezoelectric Transducer.....	2183
<i>Zhesu Ma, Xueguo Yong</i>	
Estimating the range of marine radar with bending angles from GPS occultations.....	2187
<i>YuanFengHua,BianShaoFeng</i>	
Evaluation Bid Method of Railway Construction Project Based on Gray Situation Decision.....	2191
<i>GUO Zhen-ning</i>	
Evaluation of Water Resources Carrying Capacity.....	2195
<i>Lihong Meng,Yaning Chen</i>	
Evaluation on Influence Factor of Mechanism Usability Based on Analytical Prey Incidence Process.....	2200
<i>Wang Min,Liu Ning,Liu Jie,Wang Wenzhao,Hao Zhenjie,Jiao Hong</i>	
Experimental and Numerical Stady on Temperature Field of Mechanical Seal.....	2204
<i>Lin Youbin, Gao Zhi, Huang Weifeng</i>	
Experimental Investigation on the Solar Air Collector for Northern China Rural House.....	2208
<i>Shuhui Xu,Haiguang Dong,Wenfang Li,Jun You</i>	
Experimental Study of Settlement Characteristics of Bioreactor Landfill.....	2212
<i>hongjunsun,lihongzhao</i>	
Experimental Study on Rheological Characteristics of Granular Pseudo-fluid.....	2216
<i>Xingliang Li,Chunjiang Yu,Lianming Li,Jisong Bai,Zhongyang Luo</i>	
Experimental study on the carbonation of fly ash concrete.....	2221
<i>Niu Jiangang,Zhai Haitao,Niu Ditao</i>	
Experimental Study on the Surface Roughness of Dry Turning of Hardened steel.....	2225
<i>Xiaoguang Wang,Junlan Cheng,Tianyan Ma,Deping Zhang</i>	
Fault diagnosis of rolling bearing based on lifting morphological wavelet and ensemble empirical mode decomposition.....	2229
<i>Shiwang Wang,Jian Zhou</i>	
FEA of Thermal-Structural And Dynamic Characteristic of High-speed Spindle.....	2233
<i>TAN Jia-cai,KANG Ying-an, FU Cai-ming</i>	
FEM Modal Analysis of Vehicle Frame Based on ANSYS.....	2237
<i>Xinfeng Zhang,Yan Zhao,Shaohong Li</i>	
Finite Element Analysis of the Aerated Concrete Wallboard under Vertical Load.....	2241
<i>kun qian</i>	
Forecasting the Environmental Effect of Draining Water and Residual Chlorine on Marine Environment based on Mike21 Model from Dalian LNG project.....	2245
<i>Jiao Runhong,Li Xin</i>	
High Frequency Modeling of Electric Control Unit.....	2249
<i>Wu Zhenjun,Liang Wanyong,Jiang Yong</i>	
High Speed Reliable Data Transmission of Sensor Network.....	2253
<i>MA Yichao, WU Jie, SONG Hongzhi, KONG Yang,HAN Zhao</i>	
Human-Computer Interaction Design of BPMSM Control System with Optimal Communication Protocol.....	2257
<i>Ying Ruan,Zebin Yang,Huangqiu Zhu</i>	
Identification of continuous-time Hammerstein model based on modulation function method.....	2261
<i>Han Yan-yan</i>	
Identification of Material Parameters of Door Trim Panel Based on Sled Test.....	2265
<i>Cao Libo,Zhao Yifei,Jiang Binhui,Cui Taisong</i>	
Image Quality Assessment Based on Noise Classification.....	2269

In P2P Network the Resource Search Mechanism In Regard to Trust-Reputation.....	2273
<i>Wang Jianping, Dai Hua</i>	
Influence of cnoidal wave on optical soliton run.....	2277
<i>HU Yong-hong, MAO Cai-xia</i>	
Inspection and recognition of optical target in Opto-Eleetronic target tracking system.....	2281
<i>Guo Zipeng, XIAO Yongjun</i>	
Iterative Learning Control Scheme for linear time-varying discrete system.....	2285
<i>Ai Wen-Huan, Liu Da-Wei</i>	
Lead-acid Battery Intelligent Charger Control Strategy study.....	2290
<i>Jia Gui-xi, Xiao You-wen, Zhao Hui-chao</i>	
Linear Controller Design based on the Fastest-Response for Inertial System.....	2294
<i>Meng QingBo, Qiao GuiLing</i>	
Margin Cost Based Optimization of Performance and Cost in Safety Related System.....	2297
<i>Wencong Zhao, Xianhui Yang</i>	
Math Model of Water Hammer Suppression of Pressurized Water Transmission Pipeline by the Air Valve Set.....	2301
<i>WANG Rong , ZHU Man-lin , ZHANG Yan-he , WANG Tao, LI Xiao-zhou</i>	
Mechanics-experimental Researches on Pipe Unstable Deformation under External Pressure.....	2304
<i>Kang Yong</i>	
Mechanism and Experiments of Asymmetrical Pitch System for MAV.....	2307
<i>Jun Luo, Hengyu LI, Lei LI, Shuping LI, Shaorong XIE</i>	
Mechanism Design of Internal Translation Gear Transmission and Its CAD System Development.....	2312
<i>Zhifeng Pang, Zeyang Wang, Ziqiang Zhao, Chunlin Zhang, Haiqiu Zhang, Dengbo Pang</i>	
Mechatronic Model and Simulation of Four-wheel Mecanum Vehicle Driven by BLDC.....	2317
<i>JIA Guan-shuai, Guo Ji-feng</i>	
Mitigating Interference in IEEE 802.15.4 Ad Hoc Network Applied in Electrostatic Detection.....	2321
<i>Wei Zheng, Zhanzhong Cui</i>	
Mobile Robot Motion Planning Based on Heat Conduction Equation.....	2326
<i>kANG liang, MAO lian-cheng</i>	
Modeling and Its Simulation of AD603 based on PSpice software.....	2330
<i>Guo Zipeng, XIAO Yongjun</i>	
Modeling and Simulation of Vector Control and Variable-Frequency Regulating Speed System of Asynchronous Motor Based on Matlab.....	2334
<i>Huang Xuan</i>	
Modeling and Solving for Virtual Network Embedding Problem with Synchronous Node and Link Mapping.....	2338
<i>Jianjun YU, Chunming WU</i>	
MoldFlow Analysis and Parameters Optimization of Button Seat Injecting.....	2344
<i>Jitao DU, Mei YANG</i>	
Motion trajectory planning of picking robot for eggplant.....	2348
<i>Jian Song</i>	
Multimode Vibration Supression of Piezoelectric Plate Based on Minimal Control Synthesis Algorithm.....	2351
<i>Ma Tianbing, Du Fei</i>	
New Thought about Harmony between Human and Natural Mountains and Rivers —Afforesting and Ecological Construction of the Unifying of City and Countryside.....	2355
<i>Yang Liu, Guosheng Fan</i>	
Nonlinear Layered Finite Element Analysis of RC Slab.....	2360
<i>Wen Shan Lin</i>	

Numerical analysis on influence of initial pressure on attenuation characteristics of gas explosion.....	2364
<i>JIANG Bing-you,LIN Bai-quan,SHI Shu-lei,ZHU Chuan-jie,ZHAI Cheng</i>	
Numerical Analysis on Strengthen Mechanism of GFP-SN Slope Based on FLAC3D.....	2367
<i>Zhu Chuan-cheng,Chen Zhi,Liu Bing</i>	
Numerical Investigation on Flow Field Characteristics of Integral Particle Separator.....	2371
<i>Kuang kaixin,Wang suofang</i>	
Numerical Simulation for New style Beam-slab Type of Wind Turbine Generators Tower Foundation.....	2376
<i>He Jie,Tao Tieling,Chen Yumei</i>	
On the characteristics of swing angle of tilting-pad journal bearing.....	2380
<i>Xiaobing Qi, Yongfang Zhang, Yanjun Lu, Lei Feng</i>	
Optimal Parameters Selection of Noise FM Jamming and Its Simulation.....	2385
<i>Yang Xun,Zhanzhong Cui,Xinhong Hao</i>	
Optimization of process conditions for electroless copper plating on polyester fabric.....	2390
<i>WANG Xiao-hong, LIU Jian-xiao, FENG Pei-zhong, SUN Zhi</i>	
Parallel Double-acting NC Constant Flow Piston Pump with Two-step Output Pressure Driven by Rotary Servomotor.....	2394
<i>Wu guoyin,Sun Chengfeng,Zhong Kangmin</i>	
Parameter optimization on condensation heat transfer of R22 outside horizontal integral-fin tubes.....	2397
<i>Zhang Dingcai, Du Jiadi, Tian Songna, Fan Xiaowei</i>	
Parametric Modeling Research of Double Helix Rotor Based on Three-dimension CAD Software.....	2401
<i>CHEN Feng,YANG yue,GU Liang-yao</i>	
Passivation of Lead and Zinc in contaminated Soil by Application of Granulated Red Mud.....	2405
<i>Hui-li Luo;Lin Luo, Yan Liu , Xue Yu</i>	
Perspective on Building Skins Integrated with Photovoltaics.....	2409
<i>Shen Xu, Tianwei Ye, Xin Ma</i>	
Photovoltaic Generation Grid-connected System Based on DSP and FPGA Control.....	2413
<i>Fang Yuan, Xianglian Xu, Jian Chen,Shunjie Li,Ka Hu,Liang Yu</i>	
Precision straightening method of thin-walled seamless steel pipes.....	2417
<i>LI Lian-jin,Wang Ming-xian</i>	
Preparation and Tribological Investigation of a Novel S-N style 1,3,4-thiadiazole-2- thione Derivatives.....	2421
<i>Fangkun Zhu,Li Qu,Wenxiu Fan,Hailing Hao</i>	
Present situation and developing prospects of mining under primary road.....	2424
<i>WANG Gang,GUO Guang-Li,LI Ling</i>	
Process modeling and performance evaluation for re-configurable enterprise application system.....	2428
<i>Tang wei-jun,Zhang mao-qing</i>	
Process Scheme Evaluating of TRB Stamping Panels Based on FBQ.....	2432
<i>Jitao DU,Mei YANG</i>	
Properties of the Nonlinear and Asymmetric Time-Delay Gene Transcriptional Regulation System.....	2436
<i>WANG JiuYun, Chen ZhiYuan, WANG HuiFeng</i>	
Regional Analysis on Urban Agriculture in Xi'an.....	2440
<i>Wei-li Yang,Bo Chen</i>	
Regulation and Control of the SBR Process Treating Low Strength Domestic Wastewater.....	2444
<i>Jingbo Guo,Fengguo Cui, Ying Wang, Chunyan Li, Zhixin Sun, Long Li, Da Li, Yujie Ren</i>	
Reliability Distribution of ADB610 Steel Impact Toughness after Strain Aging.....	2447
<i>Yanhui Ma, Tianhui Zhang, Jiwen Yu, Renping Xu</i>	
Research and Application of Intermediate Cooling Control Scheme for Plate Rolling.....	2451
<i>Zhang Fei, Guo Qiang, Yu Wei, Liu Huaqiang</i>	

Research in Low Carbon Technique and Application of Green Highway Construction.....	2459
<i>Yi Shen,Xiaochun Qin, Shegang Shao</i>	
Research in Optimization Method of Technological Parameters of CO2 Refining System.....	2463
<i>Lu Wei,Yang Jianhua</i>	
Research of Semantic Storage System for MP3.....	2467
<i>XUE Chen-Di,ZHU Li-Gu,ZUO Zhong-Yuan</i>	
Research of Twin-cutter Turing Automatic Programming System Based on CAX Integration Technology.....	2471
<i>Lei Gao,Guisheng Gui</i>	
Research on a Bi-Directional DC/DC Converter Applied in Stand-Alone PV System.....	2476
<i>LIU Shengyong,ZHANG Xing,ZHU Yunguo,GUO Hai-bin</i>	
Research on Carbonation Mechanism of Concrete.....	2480
<i>NIU Jiangang,Zhang Zhen,NIU Ditao</i>	
Research on Change Detection Based on Wavelet Transformation.....	2484
<i>Li xiao-chun,Yu Kan-min,Cheng Ying-lei,Wang Zhao-ying</i>	
Research on complex goaf detection technology for mining converted from underground to open-pit based on GPR method.....	2488
<i>Zhuoying Tan,Wen Zhong</i>	
Research on Cryptosystem with Low-Power Consumption.....	2492
<i>Zhangyi Wang,Min Yang,Huanguo Zhang</i>	
Research on Exterior Noise Source Dentionification of High Speed Trains.....	2496
<i>Jie Zhang,Yong Pan</i>	
Research on Friction Lining's Temperature Characteristics of Friction Hoist.....	2500
<i>Qin Xiu-qing,Chen Jun,Xia Cong</i>	
Research on Groundwater Level Prediction of Naoli River Basin Based on Elman Wavelet Neural Networks.....	2504
<i>WU Chang-you</i>	
Research on High Voltage Switching Arc model Based on MATLAB.....	2508
<i>Tao Yuan,Yang Wang</i>	
RESEARCH ON INTELLIGENT DESIGN SYSTEM OF HOLE-SERIES BUILT-UP FIXTURE.....	2512
<i>Shen Xiao-hong,Zhang Yan-ting</i>	
Research on LabVIEW - Based Harmonics Measurement and Analysis System.....	2518
<i>Cai Xi,Fu Zhouxing,Wang Jiangning</i>	
Research on Multi-objective Optimization of BIW Modal.....	2522
<i>YAN Ting-lei,XIE Hui,LI Chao</i>	
Research on Reliability Technology of Numerical Control System based on Competing Mode.....	2526
<i>Bin Li,Hailong Lu</i>	
Research on Road of Characteristic Urbanization of China.....	2530
<i>Guo Ru</i>	
Research on Seasonal Changes of Several Chemical Compositions in Overground Organs of <i>Tilia amurensis</i>	2535
<i>Liqiang Mu,Liping Liu,Dalong Ma</i>	
Research on Self-compensation Flexible Transmission of the Dual Drive System Design in Large Rotational Equipment.....	2539
<i>Herong Jin,Zhiyong Wang</i>	
Research on Straightening System of Triple-roller Bend and Anti-rotation.....	2543
<i>Xiuchun Lu,Xueyan Han,Herong Jin</i>	
Research on the Basic Properties of Recycled Ceramic Aggregate.....	2547
<i>zhixing zeng,chao wan</i>	

Research on the color image segmentation of plant disease in the greenhouse.....	2551
<i>Wang Jiaofei,Wang Shuangxi, Cui Yanli</i>	
Research on The Grid-Connected Photovoltaic Power Generation Control System Based on FPGA and MCU.....	2554
<i>Ding Diankuan,Li Lixin</i>	
Research on the Mechanism of the Load schedule and the I/O schedule of Intelligent Network Disk Storage System.....	2558
<i>He Yanong,Yu Na,Zhao Yuelong</i>	
Research Progress and Prospect of Distribution Layer in Defense Works.....	2562
<i>Gao Guangfa,Li Yongchi,Zhao Kai</i>	
Retrospective Effect and Analysis of the Pollutant of Waste Water on the Yangtze River Water Quality.....	2566
<i>YingWang</i>	
Road Type Recognition Based on SOM and SVM.....	2570
<i>Zhongguo Li,Jie Hou,Qi Wang,Qinghua Liu</i>	
Satellite Quantum Communication System based on Quantum repeating.....	2574
<i>Xiaohui Liu,Min Nie,Changxing Pei</i>	
Shadow Removing Based on Color and Texture Features.....	2578
<i>Shang Zhenhong,Shang Jinxia,Qiang Zhenping,Cai xiaofang,Liu hui,Shu guofeng,Liu hao</i>	
Shear Transfer Mechanism of a Multi-storied Shear Wall with Peripheral Members.....	2582
<i>Jiyang WANG,Masanobu SAKASHITA,Susumu KONO</i>	
Short-Term Forecasting for Heating Load of Centralized Heat-Supply System.....	2586
<i>Zhenhui Xie, Xuejing Zheng</i>	
Simplified Control Method of the Three-phase Active Power Filter.....	2589
<i>Bin Li,Jie Sun</i>	
Simulation Research of STATCOM Based on Controlled Reactor.....	2593
<i>Xianglian Xu,Shunjie Li,Jian Chen,Liang Yu,Ka Hu</i>	
Simulation Analysis of Stewart Platform Safety Mechanism.....	2597
<i>Hua Chen,Bailin Fan</i>	
Simulation and Analysis of Power Cable Fault and Transient Message for Offshore Wind Farms.....	2601
<i>Jun Li,Junhu Gao</i>	
Simulation of Seepage field of earth-rock dam in heavy rains.....	2605
<i>Xiao-fei ZHANG,Sha-sha NI,Zhan-kun CHEN</i>	
Simulation Research on Frequency Conversion System with Flux open Loop Vectors Control.....	2609
<i>Hongbao Zhang</i>	
Simulation study of fluid flowing and cavitation in high-pressure regulator valve.....	2613
<i>Lu-yao Hou,Kui-sheng Wang,Tao Lu</i>	
Skinning Surface Algorithm of B-Spline for Scattered Point Cloud.....	2617
<i>Xia Zhang,Jibin Zhao,Xia Zhang,Jibin Zhao</i>	
Spatial and Temporal Diversity Dynamic of Forestland Ecological Footprint Index in jiangxi province.....	2621
<i>Qiu-gen Zhang,Ye Feng,Su-hua Chen</i>	
Study and application of customization theory method about individual derivative product.....	2625
<i>Jing Wan,Guang-hui Yang,Dong-ning Chen</i>	
Study and Practice of 2m Program on Engine Advanced Manufacturing.....	2629
<i>ZHANG Li-wen,YAO Zhen-qiang, ZHANG Zhi-guang, WANG qi-tian, YUAN Zhang-yi</i>	
Study of Self-adaptive RBF neural network control method for the engine idle speed control.....	2633
<i>Wang Libiao,Fan Jian</i>	
Study on Construction Energy-Saving Innovative Management Basic on System Control Theory.....	2637

Study on Controlled by Beds Combination Structure to Deep of Mining Failure of Coal Seam Floor.....	2641
<i>WU Jiwen</i>	
Study on impermanent supporting system of large-span spatial structure and structure conversion technology during construction.....	2645
<i>ZHANG YuLan, CHEN ZhiHua, LIU YongJian</i>	
Study on internal wall's deformation of steel pipe by hot skew rolling.....	2649
<i>Qu Guobo,Liu Jinping,Hu Zhenghuan</i>	
Study on Persistence Diagnosis of China's Construction Energy-Saving Process based on Chain Management.....	2653
<i>LI Hui,ZHOU Tian-hua,ZHANG Jing-xiao</i>	
Study on Preparation and conductivity of SiCp /Cu Gradient Composites.....	2657
<i>Niansuo Xie, Yongqiang Zhang, Chunyue Li</i>	
Study on product with complex surface design for quality-controlling in manufacture.....	2661
<i>Yuan Xing,Taiyong Wang</i>	
Study on the Application of Intelligent Graphics in IETM Systems.....	2665
<i>Song jianhua,Wang Zheng,Zhu Xingdong,Qiu Zhi</i>	
Study on the Effect of Oxygen Ions on the Steel Corrosion in Concrete.....	2670
<i>AI Hongmei,BAI Junying</i>	
Study on the Habitability of Traditional Dwellings.....	2674
<i>LI Yan,Cao Dongmei</i>	
Study on the interval of pre-stressed anchor cables and cantilever length of frame beams in reinforcing slopes.....	2678
<i>ZHOU Zhi-Gang, GONG Xiao-Nan,LI Ying</i>	
Study on the Power Transmission Mechanism of a Twin-Rotor Piston Engine Based on Cyloid.....	2683
<i>Hao Deng, Cunyun Pan, Hu Cheng</i>	
Study on the relation between Chinese construction industry and external influential factors.....	2687
<i>Li Hong,Xu Dengyao</i>	
Subdivision Modeling Method in Net Shell Design.....	2691
<i>zhuo shi,min zhou,ke yu</i>	
Survivability assessment for command information system based on hierarchical junction tree.....	2695
<i>Xinhua He,Shaomin Yang,Rulin Hu</i>	
System matching and simulation of dual-motor drive coupling for electric vehicles.....	2699
<i>WU XIAO-HUA,ZHANG CHENG-NING,WANG ZHI-FU,Tian Zhen</i>	
Temperature Field Numerical Simulation and Analysis of TP2 Copper Strip during Hot Rolling.....	2703
<i>Rao Zhuhua,Yang Haibo,Li Hailiang</i>	
The application of biomass energy and some existing problems.....	2707
<i>Zhao ying,Huang wei,Zhang Lin fang, Ji He</i>	
The Application of PLC in Electrostatic Powder Sprayer.....	2711
<i>Caiqiao Wei,Tianyan Ma,Deping Zhang</i>	
The Axonometric Projection In Teaching Practice.....	2715
<i>Li Xiaowu,Yin Changzhi</i>	
The Barriers and Countermeasures for Energy Conservation and Emission Reduction on Tourism.....	2720
<i>Wang Qun,Yang Xing-zhu</i>	
The choic of design for pneumatic overspeed control mechanism of a horizontal axis wind turbine.....	2724
<i>Yuanjun Dai,Yigong Lu,Yan He,Yuxin Sun</i>	
The Design and Calculation of the Mooring System of Saucer-like Wave Energy Convertor.....	2728

The Design of Outrigger Crane Circuit Hydraulic System.....	2732
<i>Tao Wu</i>	
The dynamic Path Planning Research For Mobile Robot based on Artificial Potential Field.....	2736
<i>ZHANG Hong, Yang liu, Gao Zhongguo, Cao Yi</i>	
The Effect of Temperature to Emission Characteristics of Chips.....	2740
<i>Yaming Ge, Sheng Liu, Tao Jiang</i>	
The H-infinity controlling of the speed control system of ship switchboard diesel engine as parameter perturbation.....	2744
<i>Ding Wang, An Hu</i>	
The Impact of External Shading on Energy Saving of the Residential Building.....	2748
<i>Zheng Jie, Yan Sheng-xia</i>	
The impact of lubricant viscosity to the vibration of gearbox under light load condition.....	2752
<i>Ruijing Teng, Xiaojun Zhou, Yubin Zhang, Chenlong Yang</i>	
The Model and Experimental Study of The Influence of The Blade Installation Position on The Torsional Vibration in Deep-hole Boring.....	2756
<i>Hongge Fu, Liying Zhang</i>	
The Optimum Design for Pivot Points of Steering Mechanism on HT25J Wheel Loader.....	2760
<i>DU Lei, DENG Kaiping, GONG You-ping</i>	
The Practical Calculation Solution and Computer-aided Design of Beams in the Engineering Design.....	2764
<i>Jianye Guo, Jingkui Li, Liang Zhao</i>	
The Preliminary Study of Small Wind Turbines Applied to Installation on The Roof with Deflectors-A case study of Factory buildings.....	2768
<i>Cheng-Ping Lin, Yu-Chen Wang, Chang-Huang Liu, Yang-Chun Shih</i>	
The Reliability Based Topology Optimal Design of Continuum Structural.....	2772
<i>Jingkui Li, Yanli Zhang, Chao Yu, Jianye Guo</i>	
The research application of inspection robot for the smart grid.....	2776
<i>Zhou Xiaojie, Ruan Yi, Zong Jian</i>	
The research of hydropower plant unit state overhaul.....	2780
<i>Hongmei Chen; Dingyou Liu; Yali Yun</i>	
The research on strategies of control-by-wire steering active safety control based on posture forecast.....	2784
<i>Luo Shi, Wang Lei, Zhu Li</i>	
The Simulation Model and Dynamic Performance for Pressure Control Cartridge Valve Based on AMESim.....	2788
<i>WANG Qiao-yi, ZHU Yao, HUANG Hai-jun, GONG Zhong-liang</i>	
The Strategy Research on the Control of Electric Vehicle Hybrid Permanent Magnet Brushless Motor.....	2792
<i>Chen Yunxing, Lin Miaoshan</i>	
The Study for Rainfall Trend of the middle of Taiwan under Climate Change.....	2796
<i>WEI Chia-chen, WU Ray-shyan</i>	
The Study of Frost Formation along the Horizontal Direction on the Bionic Super-hydrophobic Surface.....	2800
<i>GOU Yun-Jun, ZHONG Xiao-Hui, WU Shao-Yan, LIU Zhong-Liang</i>	
The Study of Synthesis of Geographic Information on Fuzzy C-means Clustering Algorithm.....	2804
<i>Liying Zhang, Hongge Hu</i>	
The Technolgy Study of a New Kind of Pulse Width Modulation Mode for Eliminating Torque Ripple.....	2808
<i>Jun Rong, Yiming Li</i>	
The unsteady heat transfer test of the surrounding rock.....	2812
<i>Wu Lei, Zhou Guo Qing</i>	
Theoretical Framework of Mountainy Highway Tunnel Entrance on Landscape Design.....	2816

Jin YANG, Yun-fei WU

Thermal Research on Material and Structure of High-Power-LED Module.....	2820
<i>Minying Guo</i>	
Thermal Stress Analysis for Rotor of 600MW Supercritical Steam Turbine.....	2824
<i>Chunlin Zhang; Niansu Hu; Jianmei Wang; Qiping Chen; Feng He; Xiaoli Wang</i>	
Thunderstorm Prediction study based on PCA and Least Square Support Vector Machine.....	2828
<i>Guoqing Qiu, Longhui Liao, Zexin Wu, Qin DU</i>	
Variable Structure Neural Network Control.....	2832
<i>Li Junhong, Tan Caibiao</i>	
Vector control system of mine hoist based on dsPIC.....	2836
<i>Jiang Lixia, Wang Yu</i>	
Velocity Plus Partial Rate Matching Rapid Transfer Alignment.....	2840
<i>DAI Hongde, DAI Shaowu, MA Zhong-xiao</i>	
Vibration Control Of Ocean Platform Based On Buckling-restrained Braces.....	2844
<i>Jingjing Zhang, Jigang Zhang</i>	

Table Of Content

Volume 4

3D Virtual Campus Based on VR-Platform.....	2848
<i>ke yu,zhuo shi,hongyan yang</i>	
A Call Admission Control Strategy for TD-SCDMA Trunking Communication System.....	2852
<i>Tang Hong, Wang Wei, Xie Jing, Chen Qianbin</i>	
A Fast Mode Selection Algorithm for Transcoding from MPEG-2 to H.264.....	2856
<i>Junli Li, Jianghua Xiang, Yang Lou, Jiebo Huang</i>	
A Fenton-like System Combined by Co 2+ and Potassium Monopersulfate for the treatment of Benzoic acid.....	2861
<i>Liwei Chen, Jun Ma,</i>	
A Filter Trust Region Method of a New Conic Model for Unconstrained Optimization.....	2865
<i>ZHU Guangjun,WEI Zengxin</i>	
A Hybrid Description Submit Method for User Level Communication.....	2869
<i>Guo Yufeng, Dou Qiang, Luo Li, Gong Rui</i>	
A Method for Speed Limit Sign Detection in Color Images.....	2873
<i>Zhou Chen, Xin Liu, Shuangdong Zhu</i>	
A New Adaptive Bit Synchronizer Based on DDS.....	2877
<i>Chang Luo,Jiye Li,Xiaomin Chen</i>	
A New Method of Using Preponderant Terminal in Cooperative Satellite Mobile Communication System.....	2881
<i>Jie Xiao,Zhang Gengxin,Feng Shaodong,Wang Fan</i>	
A Novel Online Algorithm for Blind Source Separation with Unknown Number of Sources.....	2885
<i>Yanli Li, Bo Li</i>	
A QoS-enabled secure LAN access control system.....	2889
<i>Feng Xiaoping,Zhang Yunliang</i>	
A Reversible Watermarking Algorithm with Error-drift Elimination in H.264/AVC Stream.....	2893
<i>Weijing Huo, Yuesheng Zhu</i>	
A Rotation Invariant and Realtime Online Template Matching Method For Object Detection.....	2897
<i>Zilong He</i>	
A Two-Hand Multi-Point Gesture Recognition System Based on Adaptive Skin Color Model.....	2901
<i>Chueh-Wei Chang, Chun-Hao Chang</i>	
A Verifiable Multi-secret Sharing Scheme Based on LUC Cryptosystem.....	2905
<i>Long ZHANG,Fang GUO,Shao-wu LIU,Qiao-yan WEN</i>	
An Adaptive Registration Method Based on Image Fusion.....	2909
<i>Junli Li, Yina Qiu, Yang Lou, Shuang Chen</i>	
An adaptive spread spectrum watermarking algorithm based on Orthogonal Walsh codes.....	2912
<i>Fu jun</i>	
An Experimental Study of Alkali Soil Improvement with Coal Ash and Coal Shale.....	2915
<i>Qiguo Zeng ,Miao Yang , Jingji Li ,Peihao Peng,Fan Luo ,Jianguo Liu</i>	
An investigaion of building energy conservation technologies education.....	2919
<i>Yulan YANG , Tao SHI, Hui-xin TAI, Shu-hong ZHAO, Yi ZHU,</i>	
Analysis model of steel-cement soil beam transverse mechanical parameters based on composite enhanced.....	2923
<i>Gu Shitan, Wang Chunqiu,Gu Shibin,Tan Yunliang</i>	
Analysis of Beat Vibration for Magnetic Bearing Spindle of High-Speed Precision Grinding Machine.....	2927
<i>Bian Bin, Liu Shuqin, Li Deguang</i>	

Analysis of Environmental Regulation Tool and Policy Research.....	2931
<i>Song Jiaojiao, Wang Liping</i>	
Analysis of influence factors of the popularization of green buildings based on fuzzy DEMATEL method.....	2935
<i>Ruan lian-fa,Fang Hong-wei</i>	
Analysis of SF6 Decomposition Products by Insulator Flashover to Detect the Insulator Condition.....	2939
<i>YAO Weijian, LI Li, ZHENG Xiaoguang,TANG Yang, LUO Yunbai,CHEN Jun, YU Jianhui, ZHOU Wenjun</i>	
Analysis of Slope Length on Water Soil Erosion.....	2943
<i>Yongmei Du,Xihuan Sun,Xianghong Guo,Juanjuan Ma</i>	
Analysis of the Factors that Affect QPSK.....	2947
<i>Gu yue</i>	
Analysis of the Main Factors on the Shear Strength of the RC Frame Joints.....	2951
<i>Zhao Guodong,Cao Shuangyin,Lu Xilin</i>	
Analysis on Plant Landscape Characteristics of Monastery Garden in Fuzhou.....	2955
<i>liu feng, hu xijun</i>	
Analysis on the Design Process of CMOS LNA with ESD Protection Circuit and Package PAD.....	2959
<i>Peng Chen,Yonghu Zhang</i>	
Application of Deep Packet Inspection in peer-to-peer Traffic Identification.....	2963
<i>Xin-Yu Sun,Shou-Huai Wang</i>	
Application of Extenics Theory in Hazard Assessment of Debris Flow Based on Comprehensive Weighting of Subjective and Objective Methods.....	2966
<i>PENG Shuai-ying,LI Guang-jie,MENG Fan-qi,QIN Sheng-wu,WANG Xue-dong</i>	
APPLICATION OF NEW TOP-DOWN METHOD IN DEEP FOUNDATION.....	2970
<i>Jiao Ling</i>	
Appliction of Membrane Technology on Deer Blood Albumin Separation.....	2974
<i>Liu chunjuan,Zhang shouqin, Li dongsheng</i>	
Appropriate Technology of Energy-saving for the Rural Residential in Hot-summer and Cold-winter Area of China.....	2980
<i>Ge Liu,Mingqiang Huang</i>	
ASSURE Model Training for Teachers of Teaching Chinese as a Second Language.....	2984
<i>Juan Xu</i>	
B Cell Epitope Determination of Chicken IBDV VP3 Protein by Overlap Peptide Scanning Technique.....	2988
<i>Kun Zhao, Ren-feng LI, Xue-bin LI, Yong-hua QI</i>	
Based on Grouped interactive teaching mode reform.....	2992
<i>yiwen zhang,jiahua wan,weiwei wu</i>	
Based on the concept of Service-Learning, on constructing the mechanism of intellectual fostering in Educational Technology.....	2995
<i>Yufen Zeng,CaixingZheng</i>	
Based on the Zhejiang traditional architecture to extract the elements of the tradition national color-culture psychology carries on the knowledge management and culture innovation.....	2999
<i>Ximiao Zhang, Yuexi Zhou</i>	
Blended Learning Strategy Design and Practice.....	3003
<i>chen hengfa,zhang yang</i>	
Breeding of High Dye-decolorization Strain by UV Mutagenesis.....	3007
<i>Lihong Zhao,Hongjun Sun</i>	
Build on Greenhouse Roses Disease prediction Model Based on Genetic BP Neural Network.....	3011
<i>Shujie Wang,Haiwei Niu,Lili Liu,Lina Yuan,Yuanyuan Sui</i>	
Catalytic oxidation of acid red 18 dye in the presence of Fe ₂ O ₃ /ZSM-5 catalysts.....	3015
<i>Yuhan Yang, Shuxiang Lv, Jijun Zou, Xiangwen Zhang</i>	

Combination of Kohonen network model and Back-propagation neural network model to predict Biochemical oxygen demand(BOD5) removal rate of sewage resource from the horizontal subsurface flow(HSSF) constructed wetlands.....	3019
<i>SONG Chien Ming, CHEN Jinh wua, ZHENG Fu shang, LI Yu ji, TSAI Han te</i>	
Comparative Study on Logistics Performance of the Six Provinces in Central China based on DEA Model.....	3023
<i>Wang Liang, Li Chuang</i>	
Comparison and selection of green building programs based on fuzzy VIKOR method.....	3027
<i>Ruan lian-fa, Chen Jialing</i>	
Consideration and review of the stochastic medium theory for predicting the settlement of the surface ground.....	3031
<i>zhang liang; wang ning</i>	
Contribution of Gypsum Wallboard to Lateral Resistance Capacity of Wood Shear Wall.....	3035
<i>ZHOU Nannan, HE Minjuan</i>	
Control of Halogenated Disinfection By-products Precursors by Different Drinking Water Treatment Process.....	3040
<i>Li Cuicui, Xu Yongpeng, Shi Wenxin, Zhang Dong</i>	
Cost-effectiveness Analysis of ICT Project in University based on DEA Model.....	3044
<i>Weiwei Chen, Lei Zhang, Shiping Chen, Qiuling Liu</i>	
CT Model Experimental Research on Cable Saddle Zone of Extradosed Bridge.....	3048
<i>Cheng Haiqian, Yang Ping</i>	
Data Aggregation Used for Congestion Control in WSN Based on Similar Degree Reduction.....	3052
<i>Ying Liang, Taoshen Li</i>	
Design and Development of the Wireless Sensor Node for Traffic Flow Surveillance.....	3056
<i>Xue Li, Li Xu</i>	
Design and Implementation of Graduation Thesis Topics System Based on two-way Choice.....	3060
<i>RUAN GuoLong</i>	
Design and Implementation of Buffer Managment Algorithm in Wireless Network based on NS2.....	3065
<i>Jiawei Huang</i>	
Design and Implementation of ECG Signal Management and Playback System.....	3069
<i>WentaoTang, YaZhou</i>	
Design of a Lightweight Operation System for Wireless Sensor Network.....	3072
<i>Jin Shan, Wang Ming, Lu Zhengqiu, Ye Peisong, Chen Qingzhang</i>	
Design of a Multi-spots Temperature Monitoring and Alarming System Based a Person Computer.....	3077
<i>Xu Wuxiong</i>	
Design of an Indoor Positioning and Tracking Algorithm for Wireless Sensor Networks.....	3081
<i>WANG Ming, LU Zhengqiu, JIN Shan, SHAO Beng, CHEN Qingzhang</i>	
Design of Inquiry-based Learning Model Based on the Theory of Situated Cognition in SecondLife.....	3085
<i>Li Xueru, Lu Yan, Liu Geping</i>	
Design of the Time Driving and Image Signal Processingfor Linear CCD Based on FPGA.....	3088
<i>Zhao Yuan</i>	
Digital Right Management based on Cloud Computing and Dynamic Secure Permission.....	3091
<i>LI Fen, LIU Quan</i>	
Digital-image Retrieval Based on Shape-feature and MPEG-7 Standard.....	3095
<i>Wu Siqing; Xiong Gang; Wang Geng; Zhang Guoping</i>	
Discussing the Reform of Programming Courses Through the Practice of “Data Structures”.....	3098
<i>Qing Li, Weiwei Cheng, Lei Shi, Zhisong Pan</i>	
Distillation process simulation by physical homotopy algorithm.....	3102
<i>LI Tianyi, QU Yuegang, SONG Haihua</i>	
Diversity Combining Techniques for LDPC coded FFH/BFSK System over Rayleigh Fading Channel.....	3106

Ecological Transition of University Landscape ——the Example in the Landscape Construction of University of California SantaCruz.....	3110
<i>Liqliang Zhong,Xiaolong zhao,Yujie Wang</i>	
Effect of Moist-curing Time at Early Ages on Carbonation Resistance of Pumping Concrete Incorporated with Fly-ash.....	3114
<i>YE Qing,WANG Weifeng</i>	
Effect of Paint Materials on Weathering Resistance Properties of Mortar.....	3119
<i>Shih Wei Cho, Ku Tao Lin, Chung Chia Yang, Kuo Yi Chuang</i>	
Effects of CaCO ₃ Whisker on the Physical Properties of Cement Composites.....	3124
<i>Mingli Cao,Hang Yao</i>	
Effects of Curing condition on Properties and Microstructure of Latex-Modified Cement Mortars.....	3128
<i>yinghan, wenjie zhao</i>	
Effects of Silicon Fume and Latex on Properties and Hydration of Modified Mortars.....	3132
<i>yinghan;wenjie zhao</i>	
Effects of support on the properties of light fuel hydrodesulfurization catalyst.....	3136
<i>Fenglin Huang,Shuang Yan, Xuan Tang</i>	
Efficiency of Loading Rate on Straw Anaerobic Digestion Pretreated by Solid State NaOH.....	3140
<i>Feng lei;Li Rundong</i>	
Elastic Buckling Property of Steel plate Shear Wall with Discrete Stiffeners.....	3144
<i>Zheng Yue;Zhao Wei</i>	
Energy Entropy Efficient Ad Hoc Routing Algorithm.....	3148
<i>Fubao Yang, Baolin Sun</i>	
Epoxidation of -Pinene to 2,10-Epoxy-pinane by Oxone.....	3152
<i>Xiangwen He,Fuping Zheng,Baoguo Sun,Yuping Liu</i>	
Experiment and analysis on temperature distribution of prestressed concrete beams and slabs.....	3156
<i>HouXiaomeng</i>	
experimental research on flue gas desulfurization by water mist.....	3160
<i>jian chen</i>	
Experimental research on resistance temperature characteristic of conductive composite materials used in large deformation sensor.....	3164
<i>LIU Zhuo-dian,ZHOU Guo-qing, LIAO Bo</i>	
Experimental Study of the Direct Shear Mechanical Characteristics of the Sand with Different Granular Diameter.....	3168
<i>Hongchun Xia,Guoqing Zhou,Zechao Du,Yong Lu</i>	
Experimental Study on shell-Strengthening the Lightweight Pumice Aggregates.....	3173
<i>LV Xingjun,CAO Mingli</i>	
Exploration and Research about Teaching Methods of Software Engineering.....	3177
<i>WeiWei Lin,YunCai Luan</i>	
Extraction Approach of Hypertext Information Based on Regular Expression.....	3181
<i>Ya-Shu Liu,Ming-Zhuo Li</i>	
Fault Diagnosis of the Light-rail's Cast Steel Pedestal System Based on KPCA and One-class SVM.....	3185
<i>Jialu Liu,Tongqing Wang</i>	
FFT-Based Channel estimation and Application of the Transform Domain Communication System.....	3189
<i>Zheng Yu,Yin Caihua,Ma Dawei,Jin Chengjiang,Wang Jian</i>	
Game Design with Scratch:Implications on Computer Support for Collaborative Learning.....	3193
<i>Hui-mei Hsu, Guo-chuan Wang</i>	

Improved Algorithm Of Image Segmentation Based On Maximum Classes Square Error.....	3197
<i>Jian-Qiao Liu ,Jun-Yong Ye</i>	
Infinite Slope Model of Rainfall-induced Landslide.....	3201
<i>FANG Wei,YANG Guolin,LIU Xiaohong,LI Liming</i>	
Influence factor study on relative horizontal displacement of underground rock powerhouse under earthquake.....	3206
<i>YANG Jihua,ZHANG Yumin,SHENG Qian</i>	
Influence of Masonry Structural Building Crossed by Double-line Parallel Shield Tunnel.....	3210
<i>Gang Wei, Jie Hong, XinJiang Wei, Tianmin Wang</i>	
Influenced Factors and Attainment Rates of Vapor Recovery System for Service Stations in Beijing.....	3214
<i>Yuhu HUANG, Gang LI, Mingyu LIU, Yuan GAO, Yu XIAO, Yujie ZHOU</i>	
Information Literacy Education: Problem and Strategy.....	3218
<i>Tingyan Bi,Jinling Han</i>	
Innovation on Integration Reforms of Education & Teaching to Improve Quality of Personnel Training.....	3222
<i>Zhang Shibin</i>	
In-situ remediation of petroleum contaminated groundwater:application and prospect of permeable reactive barrier.....	3226
<i>ZHANG Ying,ZHANG Chao-yu</i>	
Internal force calculation and stability analysis of the slope reinforced by pre-stressed anchor cables and frame beams.....	3230
<i>ZHOU Zhi-Gang, GONG Xiao-Nan,LI Ying</i>	
Investigating the Effects of Implementing Online Tutoring in a Chinese Afterschool Program.....	3235
<i>Hung-Hsuan Kao</i>	
Investigation of the Transform Domain Code Division Multiple Access.....	3239
<i>Yin Caihua,Zheng Yu, Ma Dawei, Jin Chengjiang, Wang Jian</i>	
Key Points of Multimedia Teaching of General Technology.....	3244
<i>chen wei qiang</i>	
Lane recognition and tracking based on multi-features fuzzy fusion and particle filter.....	3248
<i>Huang Hai _bo,Xu Xi _hai,Wang Wei _hua</i>	
Mean LQI and RSSI Based Link Evaluation Algorithm and the application in Frequency Hopping Mechanism in Wireless Sensor Networks.....	3252
<i>FU Dong-xu,FENG Dong-qin,Zhang He-nan</i>	
Microstructure and hydration of PB-g-PSG Latex.....	3258
<i>huili,wenjie zhao</i>	
Model of Performance Evaluation to Electronic Resources of University Library Consortia Based on Rough Set.....	3262
<i>HUANG Rui-qiu</i>	
Modularization design of Card Production and Personalization System.....	3266
<i>Xiaoji Guo,Zhiyan Wang,Yanqing Zhang</i>	
New method for mining frequent itemsets with between-item positive correlation.....	3270
<i>Shangli Liu,Qing Yang</i>	
Nonlinear Dynamic Model and Governing Equations of Low Speed and High Load Planetary Gear Train with Respect to Friction.....	3274
<i>Chen Shiqi,Zhao Jiyun, Li Bingwen,Xu Zhan,Feng Yanqiu</i>	
Numerical analysis on the mechanism with CFS rammed expanded piles by particle flow code.....	3279
<i>Zhao Yajun,Ye Hongdong,Wang Changlong,Kuang Lijun</i>	
Numerical simulation of elastic wave based on the staggered grid finite difference method.....	3283
<i>LIANG Xu, WANG Zhengyu, LIU Guohua, CHEN Yinlu</i>	

Numerical Simulation on Expansion Characters of Solid Phase in Two phases Fluidized Bed.....	3287
<i>Tao Zhang,Dan Zhou,Yonghong Zhao</i>	
Numerical Simulation on the Ground Deformation by Pipe-roof Pre-construction Method.....	3291
<i>Yong-suo Li</i>	
Numerical Simulation Research on Reasonable Range of Grouting Reinforcement for Soft Soil Tunnel.....	3295
<i>LIU Zhiqiang, GUO Qiang, YAO Bo</i>	
Observation and analysis of blasting vibration attenuation law in waste dump.....	3299
<i>Zhenbo Jiang, Xiaochun Li, Haibin Wang, Lu Shi,Yanghui Tian</i>	
Occurrence of DDTs in Riverine Water of the Pearl River Delta: Concentration Levels and Impact to the Coastal-ocean Environment.....	3303
<i>Yufeng Guan, Honghai Wu, Qiang Yue</i>	
Operation and Management Research on Tianjin Airport Economic Park River Course Ecological Restoration Project.....	3307
<i>Xiao Yutang,Niu Liyan,Wang Yao,He Zhijian</i>	
Optimization of preparation parameters and characterization of the Mn _{0.5} Zn _{0.5} Fe ₂ O ₄ thermal-sensitive magnetic ferrofluid prepared by the hydro-thermal method.....	3311
<i>Zhihui Liao, Jixiang Zhou, Lin Zhuang, Hui Shen, Weiping Wu, Yongxin Zhao</i>	
Optimizing Analysis of Column-span of the Typical No-platform-column Canopy.....	3315
<i>Liu Feng,Wu Shan,Zhong Shun,Guo Yao-jie</i>	
Parallel Research of Shape Context Face Recognition Algorithm Based on CUDA.....	3319
<i>Jinxing Xu,Suping Wu</i>	
Parallel Research on Matrix Chain Multiplication Problem Based on Multi-core.....	3324
<i>Hongyi Li,Suping Wu</i>	
Performance Analysis on liquid Dessicant System with Condensing Heat Regeneration.....	3328
<i>Niu Runping</i>	
Photocatalytic degradation of the methyl orange solution with H ₃ PW ₁₂ O ₄₀ /MCM-48 under light irradiation.....	3332
<i>Shuijin Yang, Yongkui Huang, Yijun Zhang, Baolan Lv, Aimin Bai</i>	
Photocatalytic Properties of TiO ₂ Thin Films Prepared by Microarc Oxidation.....	3336
<i>Shao Zhongcai, Jiang Haitao, Wei Shouqian,Li Xiaodan, Zhai Yuchun</i>	
Pile Signal De-noising Testing Based on Wavelet Analysis.....	3340
<i>Zhang Yuanhang,Meng Qiaojuan</i>	
PLC control system for dust removing system of carbon-produce lathing process.....	3344
<i>Xiaochuan Li,Yafei Hu,Qili Wang</i>	
Preparation and Application Researches of Starch Graft Copolymer.....	3348
<i>HE Xiao xian,LIU Miao miao,SUN Fu lin,ZHAO Hui fang</i>	
Preparation and electrochemical performance comparison of titanium electrodes modified with surfactants.....	3352
<i>Baohua Li,Hui Ge, Zhaoming Yin</i>	
Preparation and Properties of Gradient Structure Concrete Member.....	3356
<i>WEN Xiaodong, FANG Yanli, MA Baoguo</i>	
Present Situation Analysis and Development Countermeasures of Park Green Space in Changsha.....	3360
<i>hu xijun,chen cunyou</i>	
Problems and Solutions of Educational Game Development.....	3364
<i>Tingyan Bi</i>	
Process parameters on silane protection for concrete in salt environment.....	3368
<i>JIANG Liangyan, WEN Xiaodong,CHENG Mengchong, WENG Shaling</i>	
Progressive Collapse Simulation of Concrete Frame Structures with Floors.....	3372
<i>WANG Tie-cheng,LI Zhi-ping</i>	

Questing for Educational Thoughts of Deep Learning.....	3377
<i>Yining FU,Chuan ZHOU</i>	
Regeneration of Ti-MMT Used for Adsorbent for Arsenic Removal Used the Regeneration Solution.....	3381
<i>Ruiguo Zhai,Tao Si,Ping Na</i>	
Regionalization for soil texture inYanqi Basin of Xinjiang, China.....	3385
<i>DU Jinlong</i>	
Reliability Analysis of Underground Cavern Using Gaussian Process Classification.....	3389
<i>Guoshao Su, Yilong Xiao, Zineng Xia</i>	
Repairing Algorithm Design for FAT File System in Embedded System.....	3393
<i>Leigang Yang, Peng Chen, Guolei Zhu, Li Yu</i>	
Research and Practice on the Course of Database Foundation and Application Based on B-Learning.....	3397
<i>Juan Xu, Longjun MA, Ping Xiao</i>	
Research of Computer Network Curriculum System Based on The Unique Feature of Finance and Economics Colleges.....	3401
<i>Rui Wang</i>	
Research of Hermite-Gaussian beams of Optical Collimated System in Atmosphere Laser Communication.....	3404
<i>Rui Wang</i>	
Research of Updating Strategy using WIFI network for Multimedia Files in Bus System.....	3408
<i>Jiaqin Feng, Peng Chen, Lei Wang, Yayu Zheng</i>	
Research on amplitude variation during sheet blanking based on servo press.....	3413
<i>Guohua Hong,Qinxiang Xia,Weiping Ruan,Jianping Li</i>	
Research on Behavior Modeling Framework for Virtual Soldier in Urban Battlefield.....	3417
<i>Cao Bo-wei</i>	
Research on calculation method of Retaining Structure with Double-row Pile.....	3421
<i>Li Li-jun,Liang Ren-wang</i>	
Research on Design of Data-sharing Center for the Universities.....	3425
<i>chengzhi long</i>	
Research on how to create the mode of landscape features of Metropolitan suburbs Recreational.....	3429
<i>Pan Yi,Fu Songquan</i>	
Research on Hydration Heat Temperature Field in Mass Concrete Side Wall of Large Water Pump Station.....	3436
<i>SHEN Pangyong,HU Xiangdong,LI Fuqing,WANG Zhenhua,ZHOU Bin</i>	
Research on interchange planning based on the network distribution of urban road.....	3440
<i>Xu Qiushi</i>	
Research on Metacognitive Applied Strategy.....	3444
<i>Shuxiao Xie</i>	
Research on Preparation and Properties of Environment-friendly Solvent-free Black Material for Masking Existing Road Traffic Markings.....	3448
<i>Zhiyong Zhang, Hengquan Liu, Lei Peng, Donghua Guo, Zuojun Bao, Wenyuan Han</i>	
Research on setting conditions of Bus Rapid Transit BRT in Medium-sized cities.....	3453
<i>Pan Yi,Cai Zhilei</i>	
RESEARCH ON SIMPLIFICATION OF PERT NETWORK CHART.....	3458
<i>Xu Zhenming</i>	
Research on Simulating Settlement of Deep Soft Clay Ground with D-M Method based on Centrifugal Model Tests.....	3462
<i>Chang Hong-Tao, Si Hai-Yan, Chen Quan-Ying,Chang Hong-Tao, Ye Guan-Bao</i>	
Research on Support vector machine prediction on surrounding rock deformation based on fuzzy information granulation.....	3466
<i>Lan Qiao,Shuang Liang,Fang Cui</i>	

Research on Sustainability Exploration Model of Coastal Beach: A Case Study of Yancheng City, China.....	3470
<i>Weijun Tian,Jie Bai,Xiaoyun Cao,Yangguo Zhao,Huimei Sun</i>	
Research on Technology of Free-Space Coherent Optical Modulation and Detection.....	3475
<i>Wan Qing ,Cheng Wei</i>	
Research on the Calculation Method of Link Traffic Volume Based on Database of Expressway Loading Based Toll Collection.....	3478
<i>Yonghua Liu,Jingyi Sun,Yingfeng Miu</i>	
Research on the growth process of aerobic granular sludge under high substrate loading rate.....	3482
<i>Kuizu Su, Chang Wang, Xiukun Deng, Hui Fang</i>	
Research on the method of Antiseismic Reliability Evaluation for Girder Bridge in Service.....	3486
<i>Zhao Jun,Niu Ditao</i>	
Residual Strength of Reinforced Concrete Columns with +-shaped Cross Section after Exposure to Fire.....	3490
<i>Yu-ye XU, Qing-Wen YANG</i>	
Restrains the OSPF routing method based on the genetic algorithm the research.....	3494
<i>Jianfeng Wang,Jinyuan He</i>	
RSSI based positioning error ranging removal of mixed.....	3498
<i>Xiaoyong Yan,Huanyan Qian</i>	
Scalable Media Progressive Transmission Based on Multiple Implied Tree Cover P2P Model.....	3502
<i>zhuo shi,ke yu</i>	
School-Enterprise Corporation: A New Teaching Mode of Information Technology Course for Students of Ethnic Minority Backbone Talents Program.....	3506
<i>Xueyan Wang, Zhigang Guo, Lina Liu, Xi Chen</i>	
Security Analysis and Recommendations for Wireless LAN 802.11b Network.....	3509
<i>lu zhengqiu,tian si,wang ming,ye peisong,chen qingzhang</i>	
Selection of Watermark Coefficient Effect Wavelet Digital Watermarking Performance.....	3513
<i>CHENG Wei;WAN Qing</i>	
Separation and Analysis of EGCG from Crude Tea Polyphenols by High-speed Countercurrent Chromatography.....	3516
<i>Huawei Zhang, Junqing Qian</i>	
Separation of high-purity natural phytol from byproduct of silkworm excrement extract by molecular distillation.....	3520
<i>Lijuan Ping, Sheng Fang,Shuiming Xu, Hongwu Lai, Jianwei Mao</i>	
Settlement analysis of raft foundation in wall structure based on SAP2000.....	3524
<i>Lianghua Fu,Wenbo Bao,Haiyan Lu</i>	
Single Polyaniline-Coated Polystyrene Latex Particle on Carbon Microelectrode.....	3528
<i>Qiang Ke, Yi He, Shunhui Wang, Taihe Shi</i>	
Solving the output concentration of computer in multiple mixed flow reactors in series——secondorder reversible reaction.....	3532
<i>wenjie zhao,huixuan zhang</i>	
Spatial Structure Construction of Urban Green Space System in Changsha.....	3536
<i>CHEN Cun-you,HU Xi-jun</i>	
Stability Analysis Of Surrounding Rock Of Unlined Highway Tunnel in Chongqing.....	3540
<i>Kaixi Xue,Dongyan Liu</i>	
Student perspectives THEOL platform course construction and operation status of the case studies.....	3544
<i>Weimin Wu</i>	
Studies on adsorption of m-nitrophenol on hydroxyapatite nanopowders.....	3548
<i>Jinlin Zhu,Kaili Lin</i>	
Studies on Simulation of Queue System in Ticketing Business Based on Event-driven Mechanism.....	3552

Study a Method to Automatically Examine the Sports Fitness by Image Recognition.....	3555
<i>Ching-Biau Tzeng, Tzuu-Shaang Wey, Yu-Tang Lee, Jing-Ho Chen</i>	
STUDY AND APPLICATION ON MINE CLEAN MINING TECHNOLOGY.....	3560
<i>Chang qingliang, Li zhi, Zhou huaqiang, Wang guangwei</i>	
Study in Highway Landscape Planning based on Driver's visual scale.....	3564
<i>Xiaochun Qin, Yi Shen, Xiaoning Zhang</i>	
Study of the Temperature Flow Field Change by Air-Conditioning System in a Indoor Circular Stadium.....	3568
<i>Chih-Hung Huang, Jia-Twu Lee, Wu-Chou Yu, Wen-Long Yu</i>	
Study on collapse mechanism at tunnel export and its prevention measure.....	3572
<i>WANG Ying-chao, Shang Yue-quan, Jing Hong-wen, Xu Xing-hua, Yu Li-yuan</i>	
Study on Electric Field Detection of Ship Based on Character of Gradient.....	3576
<i>Yi Luo, Qing-min Li, Hua-yun He</i>	
Study on forming aerobic granular sludge on domestic sewage.....	3580
<i>Dan Zhou, Yonghong Zhao</i>	
Study on Influencing Factors of Thermal Performance of the Flat-plate Solar Air Collector.....	3584
<i>Shuhui Xu, Jun You, Haiguang Dong, Wenfang Li</i>	
Study on Key Techniques for 3G Mobile Learning Platform Based on Cloud Service.....	3588
<i>Qingji Xue</i>	
Study on Microstructure and Mechanical Properties of Extruded As-cast AZ80 Magnesium Alloy.....	3592
<i>ZHANG Bao-hong, ZHANG Zhi-min</i>	
Study on Pore Characteristics of Ionic Soil Stabilizer Reinforcing Red Clay.....	3596
<i>Xuesong Lu</i>	
Study on properties of PB-g-PS latex-modified cement mortars.....	3600
<i>yinghan, wenjie zhao</i>	
Study on Protection and Renaissance of the Traditional Villages of South Anhui under Multi-cultures.....	3604
<i>Zhang Quan</i>	
Study on shaking table test of a L-form and expanded single story masonry building in Damxung.....	3608
<i>SUN Bai-tao, ZHOU Qiang, YANG Yu Cheng, HUANG Quan Sheng</i>	
Study on shear strength of frozen soils under secondary freeze-thaw action.....	3612
<i>HU Xiang-dong, SHU Chang, WANG Yang</i>	
Study on Spectrum Sensing Algorithm of Cyclostationary Feature Based on Time Aliasing in Cognitive Radio.....	3616
<i>Gaohui Liu, Hanli Niu</i>	
Study on the Axially Compressed Behavior of RC Square Columns Strengthened by High Performance Ferrocement Laminates.....	3620
<i>Longmin Jiang, Hui Cao</i>	
Study on the dynamic response of the concrete-filled steel tube under blast load.....	3625
<i>Jianying Xue, Yucun Liu, Tiansheng Liu, Yunshan Han</i>	
Study on the Fractal feature of scale structure and spatial structure of Urban system in Shanxi Province.....	3629
<i>jianjun li, weili yang</i>	
Study on the size effect of composite foundation under the load test.....	3633
<i>Zhang Zhiyu, Zhu Donghai</i>	
Study on the Wastewater Treatment and Nitrogen Removal by Anoxic/Aerobic Membrane Bioreactor.....	3637
<i>Hongyuan Liu, Yuhang Zhao, Dexiang Hong, Linghui Xu</i>	
Supporting and Controlling Rock Deformation Mechanism of Pipe Roof in Dawangding Shallow Tunnel.....	3641
<i>Tao Liu, Bin Hu, Jian Shi, Xiaoqing Li</i>	

Synthesis of Trimethylolpropane trioleate and their emulsification-resistive properties.....	3645
<i>Aili Zhang,Lai Wei</i>	
Teaching and Research on Assembly Language for Computational Thinking.....	3649
<i>Li-jie YIN, Rui-xin ZUO, Yang ZHAO</i>	
Temperature-Controlling System Based on TEC.....	3653
<i>ZHAO Dong</i>	
The Algorithm of Natural Language Parser.....	3656
<i>TIAN NiGuang</i>	
The Application of Computer Technology in Mathematics Teaching.....	3659
<i>Jing Li, Wenyuan Jia</i>	
The Application of Improved A2/O Oxidation Ditch in Municipal Sewage Treatment.....	3663
<i>LI You;SHEN Lianfeng,MU Jiping</i>	
The application of ORDBMS in Pornography identify platform.....	3667
<i>Huang,Wen Hao</i>	
The Application of Project Controlling in Large Project Governance--with Hongqiao Transportation Hub Project for Example.....	3671
<i>Jia Guangshe,Ding Xiaodi, Chen Tianmin</i>	
The automobile engine lubricating oil monitor engineering research based on the near-infrared light method.....	3678
<i>Li Xi-wu,SU Jian</i>	
The Construction of the National Excellent Course “Communication Cirtuits”.....	3682
<i>XU Shuzheng; Huagnfu Liying; Chen Yaqin; DENG Beixing</i>	
The Design and Realization of High-fidelity Low-frequency Power Amplifier.....	3686
<i>Zhou Ling</i>	
The dynamic response of nearly saturated cohesive soil to impact and its deformation and strength behavior after impact.....	3690
<i>Sihai Luo,Junjian Fu,Hai Zhang</i>	
The effect of fire conditions on reliability of steel beam.....	3696
<i>xiuping yang,dongya liu</i>	
The effect of the initial water of lignite on its liquefaction reactivity.....	3700
<i>Chu Mo, Li Huamin, Zhao Feixiang, Zhu Shifeng, Chen Jiaquan</i>	
The Energy Efficiency Tests of Helical Speed Reducers.....	3703
<i>Tser-Son Wu</i>	
The Food Chain Model with Impulsive Effect and the Stage Structure.....	3707
<i>Jia Jianwen,Liu Jianfen</i>	
The Investigation and Thinking about the Effects of Network Youth Subcultures on College Students.....	3711
<i>LUO Shuanglan</i>	
The Method of the Test of Pile-soil Stress Ratio of the Composite Ground under Geotechnical Grille in Field.....	3715
<i>Chaoquan Liu,Guowei Li,Qifu Xu</i>	
The Microwave-absorption Mechanisms of Hydrogen Plasma in Carbon Nanotubes.....	3720
<i>Mao-Lin Fu , Dong Xiang</i>	
The Optimal Density of Heterogeneous Sensor Network In Coverage Condition.....	3723
<i>Li Xue</i>	
The Relationship of Strategic Emerging Industries Development and Government Investment in China--International Comparative Horizon.....	3727
<i>Wu Fei</i>	
The Research about Experimental Teaching Models of College Computer Basis Course in the Public Security Service Institutions.....	3731
<i>Lizhi</i>	

The Research on Underground Space Development and Utilization Trend of Site Museum Buildings.....	3735
<i>zhang ping</i>	
The Risk Control of Public Works Contract Compliance in Taiwan.....	3739
<i>Shiah Guan-Chyun, Chiu Hsiung-Yu</i>	
the Selection of Acceleration and Deceleration Lane Length Based on Land-saving Interchange.....	3744
<i>Jian-gang QIAO, Juan LI, Ning YANG</i>	
The Simulation Algorithm of Wireless Sensor Networks Communication Based on Ant Algorithm.....	3748
<i>Zhenxiang Xing, Guorui Liu</i>	
The study and practice of training excellent network engineering based on CDIO mode.....	3752
<i>Fang Rui, Zhang Shibin</i>	
The Study of Learning Method of“Communication Principle”.....	3756
<i>Hui YANG</i>	
The Study on the Performance of Cu-Mn-O Catalysts for the NO Reduction by C ₃ H ₈ About Environmental Clean Technology.....	3760
<i>Meilin Jia, Jinling Guo</i>	
The Trend Analysis of Low-carbon Technology Development of the Yangtze River Delta Region in The Post-World Expo.....	3763
<i>zeng qun hua</i>	
The Value of Rank-sum Test in the Tracing of Quality ——Rectifying Diagnosis of Tracing Transmission Assembly Quality.....	3767
<i>Lianzhi Li, Fansen Kong</i>	
Theoretical Investigation on the Geometry and Vibrational Spectra of N-Acetyl-5-methoxytryptamine.....	3771
<i>Yuanqiang Zhu, Zhen Li, Gang Zhou, Xiaoxi Fan</i>	
Thinking and Survey on Information Technology Application of Special Education Teachers.....	3775
<i>FAN Lili</i>	
Treating Wastewater from Pen Making Workshop by Process of Internal Electrolysis and Subsequent SBR.....	3779
<i>Chuanhua Wang</i>	
Water Quality of Water Source Area in Taihu Lake and Effect on Water Treatment Process.....	3783
<i>Guangcan Zhu, Guangyu Zhao, Zhaohui Zhang, Xiwu Lu</i>	
Wind Energy Resource Assessment and Derivation of Characteristic Wind Speed In Wind Field of Inner Mongolia.....	3787
<i>Yuanjun Dai, Yigong Lu, Yuxin Sun, Yan He</i>	
With the economic and social development should build a human color culture Discipline.....	3791
<i>Yuexi Zhou, Ximiao Zhang</i>	
Workflow Model based on Colored and Timed Petri Nets.....	3795
<i>Li Li, Xiaobo Yue, Bozhao Yan, Kaiqing Zhou</i>	

Table Of Content

Volume 5

A Banner Ads Searching and Counting System for Sports Videos.....	3799
<i>Chang Chueh-Wei, Chang Yu-Hung, Chen Shio-Wen</i>	
A comprehensive evaluation of talented person employment based on AHP and DEA.....	3803
<i>SUN Wangjie, SUN Chang</i>	
A Crosscut Tree Routing Scheme for Preemptive Distributed Address Assignment Mechanism.....	3808
<i>Fujun Ye, Ruifang Pan</i>	
A Decentralized Linear Motor for Electromagnetic Aircraft Launch System.....	3813
<i>Shuanghui Hao, Zili Tang, Minghui Hao</i>	
A Design of Network Remote Control System.....	3819
<i>Wang Tao, Gong Cheng, Li Hai-xia, Zhang Yun</i>	
A Digital Copyright Protection Scheme for Soft-IP Core based on FSMs.....	3823
<i>Wenchao Xu, Yuesheng Zhu</i>	
A Fuzzy-Sliding Mode Controller for Four-quadrant PWM Converter of Grid-Connected Wind Generation Simulator.....	3827
<i>Yaojie SUN, Minhua QIAN, Yandan LIN, Zhifeng BAI</i>	
A Modal Superposition Method for Vibration Responses of Atomic Force Microscope Cantilevers Using the Timoshenko Beam Model.....	3831
<i>Thin-Lin Horng</i>	
A New Algorithm for Cyclostationary Signal Blind Deconvolution.....	3835
<i>Ke Wei, Zhang Yongxiang</i>	
A New Watermarking Method for Soft IP Protection.....	3839
<i>Tingting Yu, Yuesheng Zhu</i>	
A Novel Estimation Strategy for the Eye-in-Hand Depth-Independent Visual Servoing.....	3843
<i>Xinwu Liang, Xinhan Huang, Min Wang</i>	
A P2P Streaming Media Application Layer Multicast Technology Under The Constraint of Delay and Bandwidth.....	3847
<i>Chunde Yang, Zhenyu Zhong</i>	
A PDSI with STBC Scheme for PAPR Reduction in OFDM System.....	3851
<i>Jia-Chyi Wu, Chi-Min Li, Chao-Chin Tseng</i>	
A Realization of Color Gradient Process Bar based on JavaScript.....	3855
<i>Li Shuhua, Tie Yong, Guo Gaizhi</i>	
A Research of Axial-Flow Pump Design with Method of Variable Circulation.....	3859
<i>Li Zhong, Yang Minguan</i>	
A review of Algorithm Research Progress for Non-rigid Medical Image Registration.....	3863
<i>Xiaoqi Lu, Hongli Ma, Baohua Zhang, Yongjie Zhao</i>	
A Study on Energy Absorption Panel of Bumper Based on Impact of Pedestrian's Lower Leg.....	3867
<i>Guojun ZHENG, Yongxin MEN, Ping HU, Fuquan ZHAO, Xiaosheng TANG</i>	
A Study on Noise Detection Method Using a Threshold about the Intense Motion Picture in Videotape.....	3872
<i>Ruiqiang Ma, Rui Li, Jing Yun, Lixia Zhang, Xufei Zhuang</i>	
A Study on the Model of Mobile Medical Application in 3G Network.....	3876
<i>Xiaoyun Chen, Qiaojin Xing, Juan Zhao, Liping Ren</i>	
A study on vacuum system of sealing-exhaust equipment for ceramic metal halide lamp.....	3880
<i>LU Jiadong, LIU Chao</i>	

A Tibetan Input Method Based on MTK for Mobile Phone.....	3884
<i>Xiaoli Lu, Jiaming He, Jinxiang Li</i>	
A Watermarking Algorithm for Certificate Forgery Prevention.....	3888
<i>Tianyu Ye</i>	
Accuracy enhancement in manufacture of spiral bevel gear with multi- axis CNC machine tools by a new compensation method.....	3891
<i>Yuan Xing,Taiyong Wang</i>	
Active Disturbance-Rejection Control of Voice Coil Motor based on RBF Neural Network.....	3895
<i>Ying Gao</i>	
Algorithm of 3D display interface switching Based on J2ME platform.....	3899
<i>Tian-lin Yuan, Jia-ming He, Ken Chen</i>	
Algorithm of Multi-baseline Interferometer Phase Difference in Fuzzy Circumstance.....	3902
<i>Wei Zheng,Xiangang Zuo,Yukun Ma, Zhisong Hou</i>	
Almost sure stability of stochastic recurrent neural networks with unbounded distributed delays.....	3906
<i>Li Ma</i>	
An Algorithm for Pole Assignment of Multi-input System.....	3910
<i>Huilei Han, Tao Lu</i>	
An Analysis of the Eavesdropping Threshold of Quantum Cryptography Protocol.....	3913
<i>Zhao Nan,Pei Chang-xing</i>	
An Efficient Architecture Design for VGA Monitor Controller.....	3917
<i>Van-Huan Tran, Xuan-Tu Tran</i>	
An expanding application of heuristic reduction algorithm.....	3922
<i>Ning Xu, Yun Zhang, Jun Gao, Gang Shen</i>	
An Identification Method of Stiffness of Mechanical Joint.....	3925
<i>Zhao Jinjuan,Wang Shijun,Ma Jingzhi,Guo Pu</i>	
An Improved DFT-based Channel Estimation Algorithm For MIMO-OFDM Systems.....	3929
<i>Zhang Jie,Huang Liqun</i>	
An Improved Mutual Authentication Scheme Complaint to EPC Class-1 Generation-2 Standard.....	3933
<i>Leng Shiwei,Tang Minghao,Jiang Xueqin,Moon Ho Lee</i>	
Analysis of Heat and Mass Transfer in A Thin Liquid Film Over An Unsteady Stretching Surface.....	3938
<i>Yan Zhang, Xiaojing Wang, Liancun Zheng</i>	
Application condition of Linearized Model Uncertainty Estimate.....	3942
<i>Liu Jian-xin, Deng Xiao-kang , Tong Xiao-zhong , Liu Chun-ming , Liu Peng-mao, Cao Chuang-hua</i>	
Application of Fault Tolerant and Federated Strong Tracking Kalman Algorithm in Integrated Navigation System.....	3946
<i>MA Yun-feng</i>	
Application of Fe - Al - La Composite Oxide Microsphere with CaO Layer in Treating Wastewater Containing High-concentration of Fluorine.....	3950
<i>Shujiang Wang,Honggang Zhang,Hui Lv</i>	
Application of Finite Element Method for Safety Factor Analysis of Slope Stability.....	3954
<i>Lu Chih-Wei , Lai Shing-Cheng</i>	
Application of Independent Component Analysis in Denoising of Steel Structural Vibration Signal in Frequency Domain.....	3958
<i>CAO-Junhong, WEI-Zhuobin</i>	
Application of Numeric Simulation of Flow Field Based on Fluent in Design of Anti-fire Colloid Preparation Machine.....	3962
<i>Xingming Xiao,Bing Zheng,Chi Ma</i>	
Application of the Adaptive Fuzzy PID Controller in Switched Reluctance Motor.....	3966

Audio acquisition system based on TMS320C5402 and TLV320AIC23.....	3969
<i>zhenwen zhang, lu zhuo, geng wang, yongjie zhang</i>	
Car License Plate Detection Based on MSER.....	3973
<i>Wei Wang, Qiaojing Jiang, Xi Zhou, Wenyin Wan</i>	
Characteristics Simulation of the Pulse-width Modulated Valve.....	3977
<i>Gang Tao, Tao Zhang</i>	
Complete E-commerce Platform Model and Theoretical Foundation.....	3981
<i>Xu Wenping, Chen Tong</i>	
Computer network database of attack and defense.....	3986
<i>Zixin Wang</i>	
Content-Based Cache Tactic Design and Implementation on Mobile Widget Engine.....	3990
<i>Lixia Tong, Jiaming He, Ken Chen</i>	
Control of air-dense medium density based on fuzzy control.....	3994
<i>Xiaoyan Zhang, Xiaohua Hong, Xianfeng Wang</i>	
Counting two types of quadrangulations rooted near quadrangulations on the disc and nonseparable outerplanar quadrangulations.....	3998
<i>Pan liyan, Liu yanpei, Hao rongxia</i>	
Current Situation and Causal Analysis of Groundwater Nitrate Nitrogen Content in the Regions Surrounding Bohai Sea in Hebei Province.....	4002
<i>WangLing</i>	
Database Design on Embedded Home Gateway and Web Server Implementation.....	4008
<i>Guang Dong, Wei He, Yuhang Wang</i>	
Decision Making Model in Multi-agent System.....	4012
<i>Jiang Chen, Liu Ming, Li Xiong, Fu Jia, Dong Fei</i>	
Design And Numerical Simulation On Guide Vane Of AP1000 Reactor Coolant Pump.....	4016
<i>Danqing Yuan, Peipei Wang, Xufeng Wong, Xueben Wu</i>	
Design of CAN-Bus Universal Interface Module Based on USB.....	4020
<i>liang zhijian</i>	
Design of the Intelligent Public Transportation Monitoring System Based on WSN.....	4024
<i>Deng Tianmin, Sha Yao-yao</i>	
Design of Video Transmission and Quality Evaluation System Based on NS-2.....	4028
<i>Su Yang, Zhang Wei, Liu Ling</i>	
Determination and Primary Speciation Analysis of Metal Elements in Rhubarb Roots by ICP-MS.....	4032
<i>Xiaoli Sun, Zhenyu Hou, Yu-an Sun, Kun Zhang, Guoqing Wang</i>	
Determination of Velocity and Direction of Human Body Motion Based on Electrostatic Measurement.....	4035
<i>Wei Zheng, Zhazhong Cui</i>	
Digital Control System on Bearingless Permanent Magnet Synchronous Motor.....	4040
<i>Fang Liang, Ni Zhong-jin, Chen Mao-jun, Xiu Shu-dong</i>	
DLA Simulation with Sticking Probability for Viscous Fingering.....	4044
<i>Jianhua Zhang, Jun Luo, Zhenhua Liu</i>	
Dynamic Collision Detection Algorithm and Application.....	4048
<i>ZHAO Lala, ZHAO Yuemin, LIU Chusheng, DONG Hailin</i>	
Dynamic Modification of a Submarine's gearbox Based on Dynamic Sensitivity Analysis.....	4051
<i>Xue Yanhua, Wang Zhiguang, Liu Guoqin</i>	
Energy Saving with Multi-Connections over IEEE 802.16e Networks.....	4055
<i>Chien-Yu Wu, Hann-Jang Ho, Sing-Ling Lee</i>	

Energy-aware data gathering and routing protocol based on double cluster-heads.....	4059
<i>Feifei Li, Tingrong Xu</i>	
Evaluation System of Education Quality in the Evolution of Information Technology.....	4064
<i>Guangzhong Zhang, Yunyun Du, Guangjun Li</i>	
Excavating force analysis and calculation of dipper handle.....	4068
<i>Chang Lv, Zhang Jihong</i>	
Existence of periodic solution for a class of subquadratic second-order non-autonomous.....	4072
<i>Qin Jiang, Sheng Ma</i>	
Existence Problems of University Library Appraisal and Improvement Strategies.....	4076
<i>LIU Huancheng; MENG Ling</i>	
Experimental Study on Decoupling Modeling Micro-fluid Dispensing Process.....	4080
<i>Chen Cong-ping, Zhang Tao, Dong Xiao-gang, Zheng Xiao-ling</i>	
Fault Diagnosis for Rotor System Based on AR-PCA and BP Neural Network.....	4085
<i>Zhen Wang, Lan Sun, Guibing Qi</i>	
Five Network Amalgamation.....	4089
<i>Jinying Chen, Huizhong He, Min Liu, Xuben Wang, Zhongming Zhu</i>	
Fuzzy optimal design of articulated dump truck's steering mechanism.....	4093
<i>Zhiguo Zhao, Jiansheng Wang</i>	
Game Analysis on Minimax of Honest Behaviors in Electronic Commerce.....	4097
<i>Liangping Zhang, Xiangxin Liu</i>	
Games in PBL teaching for vocational school students.....	4100
<i>Zheng Xiaoxuan, Gu Rong</i>	
Generating Rough Ontology Based on Rough Concept Lattice.....	4104
<i>Yinghui Huang, Guanyu Li, Xijin Sun</i>	
Generation Method of Lanzhou dialect speech Based on Gaussian Mixture Model.....	4108
<i>Gan Zhen-ye, Yu Hong-zhi, Yang Hong-wu</i>	
Geometry optimization design for crank-slider-CST type low rear protection device of truck	
Geometry optimization for crank-slider mechanism.....	4112
<i>Muxi LEI, Zhengbao LEI, Shubin WEI, Yonghan LI</i>	
Grey Relational Analysis on Technical index of Chinese Mens Football Team.....	4116
<i>HAO Bin, GAN Hong-ling, LIU An-qing, LI Su, DOU Wen-qiang, GUO Hua-feng, QUAN Tao</i>	
Grid Generation Method with Optimal Shape Parameters.....	4120
<i>Xuli Han, Xinru Liu</i>	
Heat Transfer of Counter Flow in Porous Medium.....	4124
<i>Dong Shao-feng, Yuan Hao-ran, Li Yin-tang, Chen Yong</i>	
How do visual angle and physical screen size affect presence and emotional responses of game players?.....	4128
<i>Zhiming WU, Tao LIN, Ningjiu TANG</i>	
Image Segmentation Algorithm Research for Sport Graphics based on Artificial Life.....	4132
<i>ZHAO Wei-ke, LI Zhan-ping, SHI Jin</i>	
Improved segmentation of remote sensing images based on watershed algorithm.....	4136
<i>Yingsha Xu, Zhaolin Fang</i>	
Improving Bit Error Rate of STBC-OFDM Using Convolutional and Turbo Codes Over Nakagami-m	
Fading Channel for BPSK Modulation.....	4140
<i>heba raafat, hassan elkamchouchi</i>	
Instantaneous friction torque model for multi-cylinder engine.....	4144
<i>Li Lin, Zhang Yongxiang</i>	
Interface Element Method and Its Application.....	4150

Key Technology Research on Adaptation Layer of Android Platform.....	4154
<i>Zhijun Wu, Jiaming He, Xingbin Zeng</i>	
Large-Scale Education Resource Discovering and Sharing Based on UPnP.....	4157
<i>Yiqin LU,Guohong HUANG,Ying YU, Hao WU</i>	
Learning Bayesian network parameters based on iterative learning control.....	4161
<i>Chen Jing,Fu Jing-qi,Su Wei</i>	
mapping deblocking algorithm of H.264 decoder onto a reconfigurable array architecture.....	4166
<i>Xiangqiu Yang, Leibo Liu, Shouyi Yin, Min Zhu, Wen Jia, Shaojun Wei</i>	
Mechanical Property Improvement on the Door Protection Steel Pipe by Filling Aluminum Based Porous Metal.....	4170
<i>Shih Jing-Shiang</i>	
Method for Vibration Prediction of Claw-pole Alternator.....	4174
<i>Liu Jian,Bao Xiaohua,Liu Bing,Wen Xu</i>	
Methods of Applying Excel in VFP.....	4178
<i>Lijun Wang,Jiuming Liu</i>	
Migration in Virtual Resource Management.....	4181
<i>Liang Shao,Yanna Yan</i>	
Modeling for Complex Adaptive System Organization.....	4185
<i>Jiang Chen, Liu Ming, Li Xiong, Fu Jia, Dong Fei</i>	
Monitoring and Control of Gas Flow Rate in a Pyrocarbon Coating Furnace for Heart Valves.....	4189
<i>Zhang Jianhui,Chen Xin</i>	
Multi-channel technology based animated interaction in E-paper device.....	4194
<i>Li Qing-cheng,Zhang Zhan-Ying,Bao Bin</i>	
Multipurpose Fiber Optic Sensor for determination of Temperature, Density and Refractive Index.....	4199
<i>TUMATI VENKATESWARA RAO, VVSSS CHAKRAVARTHY, K KRISHNA MURTHY</i>	
Multi-Scale Decomposition for Remote Sensing Image Processing.....	4202
<i>ZHOULijia,QIAN Zhibo,XU Guanlei</i>	
New MeasureMethod of Distance between Vague Sets.....	4208
<i>Ping Fan,Jianqiang Liu,Ling Yuan</i>	
Numerical Simulation of Gas-Particle Two Phase Flow in Aluminum-oxide Ceramics Powder Spraying Process.....	4216
<i>Chuanshao Liu,Song Chen,Jianxin Zheng</i>	
On the edge-balance index sets of the graph C_nXP_{10}	4219
<i>Xiuhua Huang ,Jingjing Yao ,Yuge Zheng</i>	
On the Problems and Countermeasures of Urban Migrant Workers Sports Construction in China.....	4223
<i>HAO Bin,GAN Hong-ling,LIU An-qing,GUO Min,ZHANG Xia,WANG Tao,Yuan Qin</i>	
On the quick construction of all edge-balance index sets of the graph $C_n \times P_5$	4227
<i>Jingjing Yao,Yuge Zheng</i>	
On the quick construction of all edge-balance index sets of the graph C_nXP_{11}	4231
<i>Yuge Zheng,Jingjing Yao</i>	
Optimal Economic Dispatch with Environmental Consideration by MPSO Method.....	4235
<i>Sen-Nien Yu,Wei-Hsuan Chung</i>	
Optimal Placement of Distributed Generators in Micro-grid.....	4239
<i>Nan Lin,Buxiang Zhou,Xueyou Wang</i>	
Optimal Transmission Power Allocation for Two-Way Relay Channel Using Analog Network Coding.....	4243
<i>Quan Yuan,Yajian Zhou,Mingfeng Zhao,Yixian Yang</i>	

Optimization on Ultrasonic-assisted Extraction of anthocyanins from purple yam with Response Surface Analysis.....	4247
<i>PEI Zhi-sheng,XIN Xiao-chen, YUAN La-mei, SHENG Ling-zhi,ZHANG Hai-de</i>	
Parallel Research on KMP Algorithm.....	4252
<i>Panwei Cao,Suping Wu</i>	
Parameter Sensitivity Analysis of Automotive Ride Comfort.....	4256
<i>Shuang Chen,Chang-fu Zong,Ren-jun Wu,Tai-wu Zhang</i>	
Performance of a Micro-Combustor for Micro-Power Generation Systems.....	4260
<i>Aiwu Fan,Siyuan Liu,Ruoyun Zhang,Wei Liu</i>	
Perturbation Methods for Dynamic Analysis of Cracked Beams.....	4264
<i>Long Liu, Xiao Mei, Dashan Dong, Haiyang Liu</i>	
Practical Method for Adjusting Power Flow Unsolvable Cases Based on Grid Electric Transportation Properties.....	4268
<i>HONG Feng,LIU Chao,CHEN Jinfu</i>	
Preliminary Exploration on Enterprise Application Integration Based on Message-oriented Middleware.....	4273
<i>CHEN Rong</i>	
Priority scheduling algorithm to improve short-term fairness for TCP flows in WLAN.....	4277
<i>Xiaofei Guo, Weimin Ge, Zhigang Jin, Yang Kang</i>	
Realization of Collecting Handwriting Signature by Computer Camera.....	4281
<i>Lijun Wang,Jiuming Liu</i>	
Realization of DVB-C Modulation System based on Spartan-6.....	4284
<i>Yanyan Zhao,Zhijun Liu,Feng Zhang</i>	
Realization of Foundation Pit Dewatering Visualization.....	4288
<i>JiyunLi, HongxingPei</i>	
Real-time Vehicle Classification Based on Eigenface.....	4292
<i>Wei Wang,Yulong Shang,Jinshi Guo,Zhiwei Qian</i>	
Removal of C. I. Reactive Red 2 from Aqueous Solutions Using Mg-Fe Layered Double Hydroxide.....	4296
<i>Lifang Zhang,Yingying Chen</i>	
Repeated Sponsored Search Auction with Non-decreasing Bid Values.....	4300
<i>Chen-Kun Tsung, Hann-Jang Ho, Sing-Ling Lee</i>	
Research and Application on Vending Machine Data Integration Based on EPC System.....	4304
<i>zhu qing,yang pu</i>	
Research and Design of the Intelligent Surveillance System Based on DirectShow and OpenCV.....	4307
<i>Chaoyu Lin,Yuliang Tang</i>	
Research and Implement of Heterogeneous Educational Resources Integration.....	4311
<i>Yongjun Li, Hao Xie, Bingzhen Pan, Hu Chen</i>	
Research and Practice of Constructing Assembly Digital learning Environment.....	4315
<i>Suping Wu,Weichang Xu</i>	
Research and VLSI Implementation on De-blocking Method for MPEG.....	4319
<i>Xuming Lu,Hongzhou Tan,Yongjian Xu,Xu Sun</i>	
Research Of Data Mining in Electronic Commerce.....	4323
<i>HongKui Yu,Lijun Cao,Yuxiang Li,YanPing Yang</i>	
Research of an Message Service of OSGi Based on Peer-to-Peer Mechanism.....	4327
<i>Qing Zhu,Yue Liu</i>	
Research on a New Glass-curtain Cleaning Robot.....	4330
<i>Xu Guanghong,Liu Zhiren,Zhong Xianqing</i>	
Research on Chinese phonetic string Segmentation of Sentential Input.....	4334

Research on Longest Common Subsequence Fast Algorithm.....	4338
<i>Jiamei Liu,Suping Wu</i>	
Research on MRC based on Rake Receiver in Troposcatter Communication.....	4342
<i>zhao yu,chen xi hong</i>	
Research on Product Technical Information Coding Based on Object Analyzing.....	4346
<i>Zong chang Xu,Mao jun Cao, Yi lin Huang,Wei wei Jiang</i>	
Research on Regulator Signal Segment Match to Control Valve in Split Range Control System.....	4350
<i>Du Shen-Hui,Zhang Gang,Hu Mei-Rong</i>	
Research on the Calculation Methods of Ground Wave Radiation toward Different Uniform Surface Media.....	4354
<i>GUO Yong,LU Conghui</i>	
Research on the Intramural Thermoelectric Generator for Lower Speed fluid.....	4358
<i>Zheng Zhang</i>	
Research on the Strategy to Eliminate Unexpected Shifts of AT on Heavy Vehicles.....	4362
<i>Gang Tao, Zhe Wang</i>	
Research on the SVPWM Control of Single-phase Induction Motor.....	4366
<i>Tun Liu,Daqing Ren,Chen Jiang</i>	
Research on Vibration Reduction Performance of Holey Straight Bevel Gear.....	4371
<i>Zhu Xiaoyuan,Fang Zongde,Li Wei</i>	
Research on Workflow Management System Based on Multi-Agent.....	4375
<i>Zhisong Hou, Wei Zheng, Xiangang Zuo, Zhixian Zhang</i>	
Research Progress on MAC Protocol for Wireless Sensor Network.....	4379
<i>Dong Wen, Chen Zhi-jiang, Li Xiu-mei</i>	
Reverse Modeling and CFD Simulation of Vortex Blower Used in Fuel Cell Cars.....	4383
<i>KANG Qiang,ZUO Shuguang,SU Hu</i>	
Routing Optimization of High-level Orderpickers in a Rectangular Warehouse.....	4388
<i>Chao Fu,Yiqiang Wang,Yan Gu,Mingyang Ma,Tianyi Xue</i>	
Simulated Calculation of Interblade Vortex in Francis Turbine's Whole Flow Passage.....	4392
<i>Wenwu Song, Huiyan Wang, Jinjun Li</i>	
Simulation analyzing and optimization of manuplator base on ADAMS Optimization of Clamping Manipulator.....	4397
<i>Wang yuhui,Lv Chuanyi</i>	
Simulation and Performance Analysis on Centrifugal Compressors of Different Dimensions and Variable Operation Speed.....	4400
<i>Yu Wang, Zhen Luo</i>	
Slip Ratio Control for Articulated Dump Truck Based on Fuzzy Sliding Mode.....	4404
<i>Tian Haiyong,Shen Yanhua,Zhang Wenming,Jin Chun</i>	
Soccer Robot Based On Ant Colony Method Of Obstacle Avoidance.....	4408
<i>liang Zheng,Lin Fei,Xing-qiao Deng</i>	
Solving frictional contact problems by a semismooth Newton method.....	4413
<i>Suyan He, Yuxi Jiang</i>	
Statistical Analysis of 900MHz Radio Signal with Spectral Density Properties.....	4417
<i>Hui Zhang, Guochu Shou, Yihong Hu, Haiyuan Liu</i>	
Strength Optimization of the Output Shaft in EPS.....	4421
<i>Zhigang Chen,Mengqi Li,Tingming Zhou,Zhihui Liu,Ning Tang</i>	
Stress analysis of part in service using industrial computed tomography.....	4425
<i>LI Linsheng,QIU Changjun,YE Jiang,LOU Chenchen</i>	

Studies on HZSM-5 zeolite catalysts for desulfurization and denitrification.....	4429
<i>wang chengxue, diao zhenheng</i>	
Study and Analysis of Coal Mine Gunite System.....	4433
<i>Feng Kailin, Wang Bin</i>	
Study on Automotive Style Recognition with the Image Erosion Technology.....	4438
<i>You-bing Zhang, Kui Zhou</i>	
Study on NAIRC-PDM Integrated System Based on PDM.....	4442
<i>Zhaomei Xu</i>	
Study on Optimization of Applications Based on Symbian Platform.....	4445
<i>Dongdong Zhu, Jiaming He, Jinxiang Li</i>	
Study on Separation of the Vibration Response of Diesel Vibration Inner Forces Based on the Blind Signal Separation.....	4449
<i>Zhang Yongxiang, Li Jun, Li lin</i>	
Study on Single Pass All Optical Wavelength Converter Based on Cascaded Second Order Nonlinearity with Double Conversion Configuration.....	4453
<i>Yiju Wang, Yuanqing Huang</i>	
Study on Solid Molding and Reverse Method for the Inner Helicoids of Helical Stator.....	4457
<i>Shuqiang WANG, Ke WANG, Xingwei SUN, Ximin LIU</i>	
Study on Teaching Automatic Control of Thermal Process.....	4461
<i>xuefengzhao, wenzhuoxiong</i>	
Study on the Characteristics of Single Pass All Optical Wavelength Converter Based on Cascaded Second Harmonic Generation and Difference Frequency Generation with Double Conversion Configuration.....	4465
<i>Yiju Wang, Yuanqing Huang</i>	
Study on the Diffusion of Update and Substitution for CATV in China Based on Norton Model.....	4469
<i>Qingchun Meng, Xue Ding, Congcong Li</i>	
Study on the Engine-CPP Associated Control Approach During Ship Accelerating Process.....	4473
<i>Huang Bin, Wang Yongsheng</i>	
Study on Thermal Stress Distribution of Repair Welding Process for Gasification Furnace Flange.....	4478
<i>Xiaodong Hu, Jiantao Lv, Quanshuai Gong, Sen Zhang</i>	
Study on Torsional Vibration Characteristics of Conical Horn.....	4482
<i>Jianxin Zheng, Jie Han, Chuanshao Liu</i>	
Summation of Reciprocals Related to of Triple Product of Generalized Fibonacci Sequences.....	4486
<i>Gaowen Xi</i>	
Supercritical fluid extraction of flavonoids from <i>Eucommia ulmoides</i> leaves and antioxidant activities before and after purification.....	4490
<i>Luo YangFan</i>	
The analysis of the oil and gas pipeline project disposable capital profitability.....	4494
<i>Xiong Ying</i>	
The application of new stacking method to enhance seismic signal.....	4498
<i>Guohua Liu, Mei Xiao</i>	
The Application of Steel-concrete Combined Cofferdam in Complex Construction Environment.....	4502
<i>Yinglei Zhu</i>	
the Assessment of Groundwater Environment Vulnerability in Lincang Basin of Yunnan Province.....	4506
<i>Li Baozhu, Wang Zhendong</i>	
The comparative analysis of LDPC and RS code.....	4510
<i>youan xiao, chunling luo, chao yang</i>	
The Design Of Simulation Platform Of Satellite Data Transmission.....	4514

The Dynamical Behaviors of a Misalignment Rotor-Bearing System.....	4518
<i>Zhou Qizheng, Wang Deshi, Feng Changlin, Du Yiqun</i>	
The improved (G/G')-expansion method for the (2+1)-dimensional Broer-Kaup equations.....	4522
<i>Jing Pang , Xiao-mei Ying, Ling-hua Jin</i>	
The Multi-basispoint and Time-sharing Measurement Method for Large Lathe Geometric Precision Detection Based on Laser Tracker.....	4526
<i>Yufen Deng, Junjie Guo, Jindong Wang, Junfeng Lu</i>	
The Multimedia Ontology Representation of IETM Based on OWL.....	4531
<i>Zong chang Xu, Mao jun Cao, Wei wei Jiang, Ping He</i>	
The Nonlinear Behavior of Engine Damping System.....	4536
<i>Chen Li-jie</i>	
The Rearch About The Single-phase Ground Fault Location Based On Backward Travelling Wave In Small Current Grounding System.....	4540
<i>Yang ShuYing, Yuan Bao</i>	
The Reaserch about Spectral Correlation of Subcarrier of OFDM and Blind Recoginition about Modulation Type.....	4544
<i>Lizhi, Lizhi</i>	
The Research of Process-oriented Knowledge-Based CAD System.....	4548
<i>Phyo Wai Lin, Ping Xi, Ruizhi Chen, Baoyuan Zhang</i>	
The Research of Test-Suite Reduction Technique.....	4552
<i>Donghua Cui, Wenjie Yin</i>	
The Research on Key Technologies of Internet of Things on Sensing Mine.....	4555
<i>Ge Bin, Wei Zhen</i>	
The Research on Recycling Channel Efficiency of Waste Electronic Products.....	4559
<i>Huang Zheng-wei, Xu Zhong-yuan, Wang Jian, Liu Qian</i>	
The sensitivity of using tribo-electrification responses for monitoring the tribological properties between a thin film of tin.....	4564
<i>Yuh-Ping Chang, Huann-Ming Chou, Jin-Chi Wang, Hsiao-Yeh Chu, Li-Ming Chu</i>	
The software development on kinematics Parameters Optimization of rice transplanter separating-planting mechanism.....	4568
<i>Li Dai, Xiong Zhao, Yun Zhao</i>	
The squeezing properties in the system of Two-Mode SU (1, 1) Coherent States Interacting with Bose-Einstein Condensate of two-level atoms.....	4572
<i>WANG Lei, SUN Changyong</i>	
The structural design of a large diametric double roller flatwork ironer.....	4576
<i>Ji Qingru, Li Aijun</i>	
The study of a predator-prey model with impulsive harvesting strategy.....	4579
<i>Ruiqing Shi, Jianli Zhang</i>	
The Study of License Plate Character Segmentation Algorithm based on Vetical Projection.....	4583
<i>Huadong Xia, Dongchu Liao</i>	
The study on Inverse system decoupling and PID control used in Power Magnetic Beraing.....	4587
<i>Wang Jun, Zeng Li</i>	
The thermal self-defocusing effects and limiting properties of methyl red doped PMMA film.....	4591
<i>Shengwen Qi, Hongguang Lu</i>	
Thermosolutal Convection in Annular Enclosure with Partially Conductive Outer-Cylinder.....	4594
<i>Shun-Chi KUO, Shu-Lung WANG, Ay SU</i>	
Tracking of Mobile Robot System.....	4600

Cheng Jun, Wang Tao

Unbiased Estimation of Parameters of Linear Continuous Model Based on Bias Correction
with Input/output Measurement Noises.....4603
He shang-hong, Shi Fang, Zhao Tian-lin

Unsteady flow and the mixing efficiency in transverse jets.....4608
Hui Liu, Yuming Xing

Variable Forgetting Factor Recursive Least Square Algorithm Applied to Multi-station Passive Location.....4612
Fu Xuhong, Yan Lijuan

Vectorization of Lattice Diagram Based On Straight Line And Circular Arc Fitting in Variable-Step.....4616
caihong ding, huaibao dong, hongxin liu

Vibration Frequency Vibratory Roller Stepless Design and Analysis of The Hydraulic System.....4621
Yan Tao-ping

Wide Speed-Range Following Control for Road Autonomous Vehicles.....4625
Zilong Liu, Wenbo Chen, Yanxia Jiang

Table Of Content

Volume 6

A Low Complexity Antenna Selection Algorithm for Multiuser MIMO Systems.....	4630
<i>Jie FENG,Jun WANG</i>	
A Converse Theorem on Weighted Approximation of Functions with Singularities by Bernstein Operators.....	4634
<i>Yi Zhao</i>	
A CPW- Feed Printed Antenna for Dual-Band WLAN.....	4638
<i>Churng-Jou Tsai,Chia-Hsun Lin,Wei-Chih Chen,Chun-Lin Lu,Jinn-Kwei Guo</i>	
A Fast Entity Resolution Method based on Wave of Records.....	4642
<i>Yongnan Liu,Hongzhi Wang,Hong Gao</i>	
A Generalized Forward-secure Proxy Blind Signature Scheme.....	4646
<i>Long ZHANG,Shu-yi LU,Qiao-yan WEN</i>	
A High Speed Chaos Controller for Modified Coupled Dynamos System.....	4650
<i>Gao Kun</i>	
A landscape influenced by Tourism the transformation of Northern Yang-zhou suburb1689-1795.....	4654
<i>Du Ming,Zhang Yun</i>	
A method for FDTD Modeling of wave propagation in magnetized plasma.....	4659
<i>Wang Fei, Wei Bing, Ge De-biao</i>	
A New Asymptotic Analysis Method for Linearly Elastic Shell.....	4663
<i>Shen Xiaolin</i>	
A New Equivalent Method of Permanent Magnets and Analytical Solution of Air-gap Magnetic Field of Permanent Magnet Linear Synchronous Motors.....	4667
<i>Yuanxiong Cheng,Jiajun Yang,Qibai Huang</i>	
A New Operator for Detecting Edges in Images Based on Modified Tsallis Entropy.....	4671
<i>Yang Chen</i>	
A Novel Adaptive Step-size Algorithm of Blind Source Separation Based on Non-linear Function.....	4675
<i>Zhucheng Li,Rong Liu</i>	
A Novel Error Concealment Approach Based on General Regression Neural Network.....	4679
<i>Shih-Chun Shao,Jun-Horng Chen</i>	
A Real-coded Quantum Clone Multi-objective Evolutionary Algorithm.....	4683
<i>Yang Xiawen,Shi Yu</i>	
A Research of the Integrated Students' System Based on MAS.....	4688
<i>Tan Yan,Xie Zhanfu</i>	
A Study on the Engineering Properties for the High Flowing Concrete Made of New Slag Ash.....	4692
<i>Wang Her-Yung,Yu Jih-Wei,Huang Chao-Lung,Lin Pin-Chuan,Sheu Bor-Liang</i>	
A study SCC increase blast furnace in column filling at high-rise building.....	4696
<i>Wang Her-Yung,Chen Shyh-Haur,Chang Chia-Chi,Yeh Yi -Tihg</i>	
A Synchronization Controller for the Unified Chaotic System and Its Application in Secure Communication.....	4700
<i>Gao Kun</i>	
A Time-saving Algorithm for Constructing QC-LDPC Codes Based on PEG Algorithm.....	4704
<i>Gong Ping,Huang Lihun</i>	
Abrasion Scar Measurement and Wear Rate Calculation of Soft Materials.....	4708
<i>Chen Ping, Yang Guanghui,Chen Huahui</i>	
Active Snubber Components Optimization for ZVT-ZCT Soft Switched PFC Converter.....	4711
<i>BURAK AKIN,ISMAIL AKSOY</i>	

Ad hoc On-demand Distance Vector Multipath Routing Protocol with Path Selection Entropy.....	4715
<i>Fubao Yang, Baolin Sun</i>	
Admissible Estimators in a Subclass of Exponential Family Under Entropy Loss Function Based on Progressively Type-II Censoring.....	4719
<i>Liu Surong, Qiu Aibao</i>	
An Adaptive Control Method to Suppress the Maglev Track-Induced Self-Excited Vibration.....	4723
<i>Danfeng Zhou, Jie Li, Kun Zhang</i>	
An alternative method on dynamic analysis of food mastication based on discrete element method.....	4728
<i>Yujing Sun, Haoqiang Wen, Qiancheng Chen, Da Zhang, Jiangtao Qi, Dongmei Hu</i>	
An Assessment Model of Lifecycle Energy Consumption in Resident Buildings and Case Study.....	4732
<i>Wenfa Hu, Tingting Yu</i>	
An Energy Efficient Control Strategy for Fan Static Pressure Difference.....	4736
<i>Bjørn R. Sørensen</i>	
An improved Kirsch human face image edge-detection method based on Canny lgorithm.....	4740
<i>Yu Wei-bo, Du Zun-sheng</i>	
An Intelligent Lighting Control System Based on Ergonomic Research.....	4744
<i>Yandan LIN, Wenting CHENG, Chunze WU, Yaojie SUN</i>	
An Intelligent Lighting System for Exhibition Applications.....	4748
<i>Li-Wen Hung, Hsin-Hsi Lai, Chang-Lin Chuang, Chun-Lin Lu</i>	
AN INTERCONNECT INTERFACE FOR RECONFIGURABLE MULTIMEDIA SYSTEM.....	4751
<i>Bo Tan, Leibo Liu, Shouyi Yin, Min Zhu, Wen Jia, Shaojun Wei</i>	
Analyses of Chemical Composition of PM10 and PM2.5 in Zhuankou Area of Wuhan.....	4755
<i>Tie Mi, Xin-ming YU</i>	
Analysis of Beijing Rural Domestic Sewage Treatment System.....	4759
<i>Ying li, Jing Zhou</i>	
Analysis of Film Cooling Effectiveness on Antivortex Hole.....	4763
<i>May Kyu Kyu Soe, Ding Shui Ting, Wu Hong</i>	
Analysis of Influence of Model Parameters on Applications of Duncan-Chang Nonlinear Elastic Model.....	4767
<i>Wang Yunxia, Gao Zhijun</i>	
Analysis of Status of Beijing Rural Sewage Treatment.....	4777
<i>Ying Li, Jing Zhou</i>	
Analysis on Mechanical Characteristics of Diaphragm Air Spring for Semi-active Suspension.....	4781
<i>Zhongxing Li, Xufeng Shen, Mei Li, Jiwei Guo, Yue WU, Weijuan Jiang</i>	
Analytical model of magnetic force for stack PMB applied in wind power generator.....	4785
<i>Lu-lin TIAN, Xun-peng AI, Ya-qi TIAN</i>	
Application on one-dimensional coupled model of contaminant transport considering consolidation deformation of soils.....	4789
<i>ZHANG Zhihong, XU Zhaogang, DU Xiuli</i>	
Appling a heat pump to integrate heat sources and a perform assessment.....	4793
<i>Chi-I Tuan, Ting-Chien Chen, Yi-Lung Yeh, Chi-Jen Chen</i>	
Applying Value Engineering to Evaluate the Use of Concrete in an.....	4797
<i>Chung-Fah Huang, Kung-Lung Lo, Yun-Wu Wu, Her-Yung Wang</i>	
Applying Web-based PBL Management System on the Ecological Pond Teaching to Explore its Effects on Sixth Graders' Science Process Skills and Problem-solving Abilities.....	4801
<i>Lai Ah-Fur, Chen Ching-Yu</i>	
Approximation of A Kind of Kantorovich Type q -Szász Operators.....	4806
<i>Qing-Bo Cai, Yaohan Zhang, Youzhi Wang, Mingming Shan, Yuhua Zhang, Xiao-Ming Zeng</i>	
Arithmetic of Associated Rule Discovery Based on Information Granulation & its Application	

of Evaluation for Equipment Command System.....	4810
<i>Xiaoshan Chen,JianChong Zhu</i>	
Assembly configuration simulation analysis of symmetrical Stewart platform.....	4813
<i>Hua Chen,Xiaowu Li</i>	
Autonomic Learning in the “Curriculum Design” Teaching.....	4817
<i>Lei Shi, Xinxing Zhang, Qing Li, Yanqin Tang</i>	
Bearing Capacity Performance Research on Cold-formed Thin-walled Steel-OSB Composite Floor.....	4821
<i>duan wenfeng</i>	
Boron removal from seawater desalination by RO.....	4825
<i>Daolin GAO, Yafei GUO, Shiqiang WANG, Tianlong DENG</i>	
BP Neural Network Based GPSA Used in Tandem Cold Rolling Force Prediction.....	4829
<i>ZHAO Xin-qiu,WANG Yan-sheng</i>	
BPTC(196,96) Code Simulation and Implementation in C-code DSP chip.....	4833
<i>Yi Hua Chen, Jue Hsuan Hsiao, Kun Feng Lin, Chun Chun Yeh</i>	
Calculating room acoustic parameters by finite element method.....	4838
<i>Jiang jie-yi,Huang kun-peng,Zhao yue-zhe</i>	
Cantaliver Error analysis and correction for lateral optics system of photoelectric theodolite.....	4842
<i>Wang Can,Yang Xiaoxu,Zhou Sizhong,Jiang Bo,Jin Humin</i>	
Catalytic oxidation of 4,4'-Dibromobiphenyl in sub-critical water with Mn-Co-Ce complex oxides.....	4847
<i>Jinyang Chen, Ruyi Ruan, Zhi Li, Feng Liu, Qingyang Meng</i>	
Chromatographic Chiral Separation on Chiral Stationary Phase by HPLC.....	4850
<i>Xiaoqian Han,Dabing Zhang,Wanliang Liu,Hong Cui,Lili An</i>	
Chromatography coupled atomic fluorescence spectrometry for mercury species analysis.....	4854
<i>Juan CHEN, Xiaoping YU,Yafei GUO, Tianlong DENG</i>	
Classification of Image Based on Semantic Features and Bayesian Networks.....	4858
<i>Chen Hongjun,Zhang Junfeng</i>	
Computer Simulation on Life of the Structure Based on Service Structure for the Reinforced Concrete Frame.....	4862
<i>Lin Shizhu,Li Huimin,Yang Jiahui</i>	
Contributions of In-situ Ball Penetration Tests to the Determination of Bitumen Application Rates in the South African Surface Seal Design Method.....	4866
<i>Aaron D.MWANZA,Peiwen HAO,Mike H. WHITE,Xiaoming DONG</i>	
Controlling Strategy Research on Active Front Steering System.....	4871
<i>Xiang Dan,Chi Yong-bin, Huang Kai-qi,Yuan Jian-zhong</i>	
Deflection and Torsional Displacement of CRCP under Concentrated Vertical Load with Hollow Foundation.....	4875
<i>Xiaobing Chen, Jianming Ding,Jinhu Tong</i>	
Description of High-pressure Compressed Stratum Form.....	4879
<i>Weizhang Wang</i>	
Design and Adjustment of Ultrasonic Torsional Vibration Acoustic System.....	4883
<i>Jianzhong Zhang,Heng Zhang,Yue Zhang,Xiuren Li</i>	
Design and Implementation of the Smart Dining Table.....	4887
<i>Ling-Erl Cheng, Chao-Hsuing Tseng,Chun-Lin Lu</i>	
Design and Optimization of Micro Flexible Gripper.....	4890
<i>Yu Bi-qiang,Weng Hai-shan,Qiu Li-fang</i>	
Design and Realization of High-Precision Digital Control Direct Current Power Supply.....	4894
<i>Haixia Jing,Zhengguo Liu,Haiyan Wang,Xiaohong Shen</i>	
Design of Comprehensive Protection system of the preventing run-circle in Inclined-shaft.....	4898
<i>Jian-zhong Luo,Gui-yun Xu,Hui Chen,Xu-dong Zhang</i>	

Design of Fast Fuzzy Controller and its Application on Position Control of DC Motor.....	4902
<i>Hsiao-Ping Wang</i>	
Design of Frequency Controlled Bi-directional Converter Using Improved Delta Modulation.....	4906
<i>Tsung-Ming Chen</i>	
Design of Motion Control System of Butt Girth Welds Scanner for Oil and Gas Pipeline.....	4910
<i>Xi-ping Li,Zhi-juan Sun</i>	
Development and Temperature Measurement of Heat-Recirculation Gas Combustors.....	4914
<i>Tser-Son Wu, Xin-Fu Ye, Chun-Kuei Chen</i>	
Development of electrical stimulation instrument of beef carcasses based on single-chip microcomputer MSP430.....	4918
<i>Jiang Yinghong, Ma Meihu, Wang Shiquan, Wang Shuca</i>	
Discussion on Sewage Treatment Technology of Rural Areas in Beijing.....	4922
<i>Ying li, Jing Zhou</i>	
Discussion on Wastewater Treatment Model of Rural Areas in Beijing.....	4926
<i>Ying Li, Jing Zhou</i>	
Dynamic Finite Element Analysis of Ground Response Using a Simplified and Complex Soil Model.....	4930
<i>Chih-Wei Lu</i>	
Dynamics co-simulation of a type of spot welding robot by RecurDyn and Simulink.....	4934
<i>Yan-Shen Wang, Yu-Xian Gai, Ping-Chun Xie</i>	
Dynamics Study in High-speed Running of Central Pin Assembly of the Dynamics Stability Vehicles.....	4938
<i>deng qiangguo, huang yayu, hu bin</i>	
Effect of Waste Oyster Shell Resurgent on Engineering Properties of Cement Mortar.....	4941
<i>Wang Her-Yung, Chen Po-Yo, Chen Jeng-Hung</i>	
Effective heat utilization for energy saving in food and beverage thermal isolated containers.....	4945
<i>Chang – Ren Chen, Huann – Ming Chou, Nguyen Vu Lan</i>	
Embedding Paths into the 4-Ary n-Cube with Faulty Nodes.....	4949
<i>Shiying Wang, Jiangshan Wangmu, Zhifang Qi, Yunxia Ren</i>	
Enumeration of Eulerian Planar Near-quadrangulations.....	4952
<i>Zhang Yongli, Liu Yanpei, Hao Rongxia</i>	
Existence of Almost Periodic Solution of a Class of Retarded Impulsive Differential Equations.....	4956
<i>Jinbo Geng, Zhibin Liu, Chiyu Pan</i>	
Experimental Research on Lubrication Performances of Fe ₃ O ₄ Magnetic fluid Lubricant.....	4960
<i>Song Wang, Shujin Liu, Tonggang Liu</i>	
Fault diagnosis of 40TM liquid-gas hammer based on BP algorithm Artificial Neural Network.....	4964
<i>Miao Xie, Sheng Chang, Jun Mao, Kangkang Li, Zhuo Wang</i>	
Flight Attitude Estimation for MAV Based on M-estimation.....	4968
<i>Song Wang, Yaowei Li, Wenchang He</i>	
Fractal Character of the Impact Crusher of Coal.....	4974
<i>LI Jianping, ZHANG Jiajia, DU Changlong</i>	
Friction and Wear Behavior on 60Si2Mn Steel Used the Heat Treatment Process with Plant Material.....	4977
<i>Xiao-peng HUANG, Jian-long HUANG, Jing-feng WU, Yin-jing YAO</i>	
From Parasitism to Mutualism— People, Earth, New Taipei City Coexistence and Regeneration on urbanism, landscape urbanism, and the future of settlements.....	4982
<i>Shen-Guan Shih, Ming-Chang Wu, Wan-Ying Lai, Shi-Yen Wu</i>	
Global Path Planning in Mobile Robot using Omnidirectional Camera.....	4986
<i>Chia-Hsien Louis Chen, Min-Fan Ricky Lee</i>	
Golay (20, 8) C Code Simulation and Implementation in DSP Chip.....	4990

Hardware design of embedded fingerprint identification system.....	4995
<i>Zhang Jinhai</i>	
High Efficiency Flocculation Treatment of Gas Washing Wastewater from Iron and Steel Plant.....	4999
<i>Liu Meiyong, Su Yongbo</i>	
High Frequency Data Processing Method of the Force Balance Vibrating Accelerometer.....	5003
<i>LI Zhigang, JIANG Tingting, SONG Haitao, LI Dahua</i>	
Hydro-generator units operating Condition forecasting and Fault diagnosis Based on GANN.....	5007
<i>Ge Xinfeng, Pan Luoping, Gao Zhongxin, Tang Shu, Chu Dongdong</i>	
Influence of the Inlet Relative Mach Number on Ram-rotor Flow Field and Performance.....	5010
<i>YANG Ling, ZHONG Jing-jun, HAN Ji-ang, Yong Fan</i>	
Influences of delay unit on bite error rate in the BDPSK Phase comparing demodulation.....	5016
<i>Yang Yansheng, Fu Guangchun, Shen Hong, Li Xiaomin, DU Liufeng, Tian Xiyao</i>	
Intelligent Alarm System Based on Vibration Sensor of Optical Fiber and Grating.....	5020
<i>Zhang Xia, Chang Di</i>	
Iterative Carrier Recovery in Turbo Receivers with Distributed Pilots.....	5024
<i>Xiaofu Wu, Long Cui, Jiping Li, Zhonghu Huang, Yue Song</i>	
Localization of Robots Based on Wireless Sensor Networks.....	5027
<i>Zhang Guo-wei, Wang Jia-yu, Lu Qiu-hong</i>	
Maximum Principles for Nonlinear Elliptic Equations in Unseparated Variables.....	5031
<i>Hailiang Zhang, Haina Xu</i>	
Measurement Accuracy Study of Operating Wavelength and Angle Error of Optical Axis of MOCT.....	5035
<i>Shao Ying, Li Xiaoming, Chen Hao</i>	
Measurement of Transfer Matrix of the Duct Silencer.....	5039
<i>Tao Feng, Jing Wang, Bin Liu, Nan Li, Xue Wu</i>	
Mechanism Design and Dynamics Analyses for an Under-actuated Three-joint Acrobot.....	5042
<i>Hao Jianbao, Huang Xinbing</i>	
Mechanism Study for Magnetic Levitation Spherical Reluctance Driving Joint to Produce Magnetic Power and Torque.....	5046
<i>Zeng Li, Wang Jun, Dai Min, Zhang Qiang</i>	
Microwave-assisted rapid synthesis of ionic liquids.....	5050
<i>Ming-Chien Hsiao, Tse-Wei Lin</i>	
Modeling and Simulation of Glue Spraying Control System for Optical Fiber Winding.....	5053
<i>Ma Yao, Ma Baoji</i>	
Modified algebraic decoding of the binary (47, 24, 11) quadratic residue code.....	5056
<i>Hung-Peng Lee, Hsin-Chiu Chang</i>	
Monitoring Large-area Mine Deformation by GPS Considering Plate Movement.....	5060
<i>Shubi Zhang, Hefang Bian, Qiuzhao Zhang</i>	
Multi-channel Acquisition System Correspondence and Speech Code Algorithm Realization.....	5064
<i>Fan Jiao-rong, Liu Wen-yi, Gong Jin</i>	
Numerical simulation and evaluation of wind environment about Square Earth Buildings.....	5069
<i>Xingxing Chen, Gang Xu</i>	
Numerical Simulation of 2-D MT Tipper Response Using Finite Element Method.....	5073
<i>DAI Yi-jun, TONG Xiao-zhong, LIU Jian-xin, SUN Li-ying, CAO Chuang-hua, ZHANG Lian-wei</i>	
Numerical Studies of the Flowfield over a Hybrid VAWT with Different Torque.....	5077
<i>Liang-Ji Chang, Uzu-Kuei Hsu, Jr-Ming Miao, Ho-Ming Hui, Chang-Hsien Tai</i>	

Obstacle Avoidance in Mobile Robot using Neural Network.....	5082
<i>Kai-Hui Chi, Min-Fan Ricky Lee</i>	
On Campus Network P2P and Its Link Control.....	5086
<i>wei zha,jinyuan he</i>	
On Oscillation of Solutions of Even Oder Neutral Equations With Distributed Deviating Arguments.....	5090
<i>Xiaojing Wang,Yan Zhang</i>	
On-chip Memory Size Configuration of SOC System Based on Real-time Constraints.....	5094
<i>Bin Wang,Shucong Chen</i>	
Optimization Design of the Mine Gas Detector.....	5097
<i>yangyanling,liuxiaohua</i>	
Optimization Gateway Discovery Mechanisms for Hybrid Ad Hoc Networks.....	5101
<i>Shen Bin,Hu Yangcheng,Hu Zhonggong</i>	
Optimization Of Sythesis Conditions of 1,1' ferrocenedimethanol.....	5105
<i>Chang-xin Ming, Jian-rong Han, Wei Wang, Zhen-chao Li, Xia Tian</i>	
Oscillation Results for a Class of Hyperbolic Equations with Continuous Distributed Deviating Arguments.....	5108
<i>Zhang Meng,Song Guohua</i>	
Passivity-based Sliding Mode Predictive Control of Discrete-time Singular Systems with Time-varying Delay.....	5112
<i>Jiemei Zhao,Jie Meng,Lijun Zhang</i>	
Performances of High Performance Polymer Modified Concrete for mining engineering.....	5116
<i>Jinmin Guo</i>	
Planning of 3G-oriented Transmission Network.....	5122
<i>Xie Yinfen</i>	
Preparation of Colloid Microspheres of SiO ₂ /Polystyrene without a Coupling Agent via Soap-free Emulsion Polymerization.....	5126
<i>Jin-qing CHEN,Joshua Qingsong LI,Hong-ling LV</i>	
Present Situation and Strategies of Henan Urbanization and Industrialization.....	5130
<i>Li Lianxiu,Cui Xiumin,Wu Shengwei</i>	
Problems and Solutions of Web Search Engines.....	5134
<i>Wang Liangshen, Hou Jie, Xie Zaiyu, Wang Xiaochen, Qu Caiyue, Li Hui</i>	
Proposals for Dimming Ballast Control via Toggle switches.....	5138
<i>Tien-Shang Lee,Chun-Lin Lu</i>	
Quantitative Research of Urban Flood-protection Project to the Added Value of Real Estate.....	5142
<i>YINGCHUN PAN</i>	
Reconfigurable rod: Symmetrical layout Press Driven by Pneumatic Muscle.....	5148
<i>Qin Peiliang,Zhong Kangmin</i>	
Research and Construction of Campus Digital Learning Hub Based on MESH Network.....	5152
<i>Qing'an Yao,Hong Zheng,Qiong Wu,Ziwei Li</i>	
Research and Simulation of Active Power Factor Correction.....	5156
<i>Wang Su,He Ming</i>	
RESEARCH OF VACUUM THERMAL INSULATION CHARACTERISTIC FOR CONDUCTION COOLING SMES.....	5159
<i>Wu Gang,Bi ke,Feng Qiaolian,Zhang Qin zhi,Du Hu,Tang Zhiyin,Shi Ling</i>	
Research on adsorption mechanism and regeneration of organic modified montmorillonite.....	5163
<i>Xianfeng Miao,Linyuan Gu,Ping Na</i>	
Research on Algorithms for Constrained Optimization Problems.....	5167
<i>Qing'an Yao,Zhongyu Xu,Quansheng Dou</i>	
Research on Cast In-situ Pile Load Bearing Capacity Characteristics in Hand Made Excavation.....	5171

Research on Method and Application Of Estimation of Enterprise Bad Debt Loss.....	5175
<i>WANG Suping</i>	
Research on the broadband power line communication system based on adaptive OFDM.....	5179
<i>Zhang Xuhui, Jia Junfeng, Zhao Yingjie, Wei Jiaxin</i>	
Research on the Calculation Methods of Electromagnetic Radiation Field Based on Half-wave Antenna.....	5183
<i>LU Conghui, GUO Yong</i>	
Research on the Processing of Fluorescence Oil-film Evolution Image.....	5187
<i>LI Peng, MING Xiao</i>	
Research on Twice Prestress Technology.....	5191
<i>Weixun Hu</i>	
Research on Type Selection of pump Used in Pumping irrigation well.....	5195
<i>Zhang Zhi-guang, Yan Bing-qin, Zhang Li-wen, Yin Sheng-lian</i>	
Screening of a Thermophilic Hydrocarbon-degrading Bacterial Group and Bioremediation of Petroleum Polluted Soil.....	5199
<i>Qiyou Liu, Dongfeng Zhao, Chaocheng Zhao, Yunbo Zhang</i>	
Seismic Performance Levels and Fortification Objects of Structure-equipment Coupled System.....	5203
<i>Zhu Lihua</i>	
Self-Calibrating On-Chip Termination Resistor for High-Speed SerDes.....	5207
<i>Cheng Ying, Li Fule, Zheng Xuqian, Zhang Chun</i>	
Setting Reasonable Housing Price Based on Fuzzy Math.....	5211
<i>Zeng Junjie</i>	
SH wave scattering at a trapezoid hill and a semi-cylindrical alluvial basin by hybrid method.....	5215
<i>Wen-Shinn Shyu, Tsung-Jen Teng</i>	
Simulation and Analysis of Flow Field in Abrasive Water Jet Nozzle.....	5219
<i>Lei Yuyong, Wang Rongjuan, Jiang Daijun, Liu Kefu, Tang Puhua</i>	
Simulation and Design of the Code-decode Circuits in PI-BIU Interface Unit Chip Based on Verilog.....	5224
<i>Liu Yan</i>	
Simulation of Laser Ablation of Crystalline Silicon Solar Cells by ANSYS.....	5228
<i>Tao Li, Chunlan Zhou, Zhengang Liu, Wenjing Wang, Yang Song, Zihua Gao, Ye Duan, Youzhong Li, Jinchao Shi</i>	
Simulation Studies of Wet Limestone Flue Gas Desulfurization on The Basis of XDPS Configuration.....	5232
<i>Qiping Chen, Niansu Hu, Tianjing Fan, Chunlin Zhang, Feng He, Gaoming huang</i>	
software reliability prediction model based on PSO and SVM.....	5236
<i>Li-Na Qin</i>	
Solitary wave solutions for the (2+1)-dimensional Broer-Kau-Kupershmidt equation.....	5240
<i>Jihong Rong, Shengqiang Tang</i>	
Solubility predictions for the reciprocal quaternary system (NaCl + MgCl ₂ + Na ₂ SO ₄ + MgSO ₄ + H ₂ O) at 283.15 K using Pitzer ion-interaction model.....	5243
<i>Shiqiang Wang, Yafei Guo, Tianlong Deng</i>	
Spatial solitons of trapped atomic Bose-Einstein condensate.....	5247
<i>Xu SiLiu, Chen ShunFang</i>	
Spline Estimation for Nonparametric Variance Models with Linear Process Innovations.....	5251
<i>Xinqian Wu, Wancai Yang, Shuangpeng Li</i>	
Stability Analysis for a Differential Infectivity Epidemic Model.....	5255
<i>SONG Zhi, TAO Gui-hong, HUI Shu-rong</i>	
Statistic Driving Cycle Analysis and Application for Hybrid Electric Vehicle Parametric Design.....	5259
<i>Di Tan, Yutao Luo, Xiangdong Huang</i>	

Stochastic Service Models of Multi-Service in OFDMA System.....	5264
<i>Ma Yukun,Zuo Xiangang,Hou Zhisong,Yu Zhou,Yin Liqiang</i>	
Study for Detection Methods of Traffic Parameters Based on EPI.....	5268
<i>Deng Tianmin,Li Biao</i>	
Study for Vehicle Recognition and Classification Based on Gabor Wavelets Transform & HMM.....	5272
<i>Zhou Zhu-yu,Deng Tian-min,Lv Xian-yang</i>	
Study of Heat Transfer Performance of Tube-Fin Heat Exchanger with Interrupted Annular Groove Fin.....	5276
<i>Yongheng Zhang</i>	
Study on Adsorption of Dyes from Wastewater by Diatomite.....	5281
<i>Gu zhipan,Yan Jichun,Qi Yuli</i>	
Study on Crankshaft Runout Straightening Position and It's Runout Testing System.....	5286
<i>Xiuzhi Yang,Xiaohui Jia</i>	
Study on Damping of Air Spring with Additional Chamber.....	5290
<i>Zhongxing Li, Jiwei Guo, Mei Li, Xufeng Shen, Weijuan Jiang, Yue Wu</i>	
Study on Earth Pressure with Even Load on Arbitrary Position behind Retaining Wall.....	5294
<i>Xudong Li,Jingkui Zhang</i>	
Study on IETM Domain Ontology Representation and Reasoning based on Semantic Web.....	5298
<i>Wei wei Jiang ,Mao jun Cao</i>	
Study on Static Aesthetics of Bridge.....	5303
<i>Ming Xie,Shan-suo Zheng</i>	
Study on the Characteristics and Utilization of Urban Sewage Sludge.....	5307
<i>Niu Junling, Liu Lei, Zheng Binguo</i>	
Study on the Ecological Transformation of Historical Buildings in Tanhualin Block.....	5311
<i>Kexuan Li,Mengwei Dan,Wei Xia</i>	
Study on the simulation and application of hydraulic servo system of crankshaft straightening machine based on immune neural network PID control algorithm.....	5315
<i>dingshuguang</i>	
The Darboux transformation of the Gerdjikov-Ivanov equation from non-zero seed.....	5320
<i>Limin Pei,Biao Li</i>	
The affect of alkali metal in biomass ash on operation of fluidized gasification.....	5324
<i>Fan Xiaoxu,Xiao Qi,Chu Leizhe,Guo Dongyan,Yang Ligu</i>	
The Analysis and Simulation of Motor's Torque Ripple in Electric Vehicle.....	5328
<i>Yeqin Wang,Hui Jing,Wei Chen,Xinjian Wang</i>	
The analysis of Information Technology's Application in Middle School Mathematics Teaching ——Based on surveys of the Rural Middle school in Hubei Province.....	5332
<i>Yang shi-jun,Yang sen,Jiang chun-lian</i>	
The Application of Data Mining Technology on The Enterprise' CRM.....	5336
<i>Dong Sheng Wu</i>	
The Application of Precision Surveying for Ancient Architecture Protection.....	5341
<i>caizhong Lv,Yan Li</i>	
The Barrier-Free Of Identifiability In Urban Night-Oriented Systems.....	5346
<i>Liu Chunru,Wang Yiping,Zheng Yahui,Zhang Wei</i>	
The Case Study of Kindergarten Design towards Low Carbon and Green Architecture.....	5349
<i>Shen Xu, Xin Ma</i>	
The Conceptiong of Underground Road Development in Center District of Plain Metropolis in China.....	5353
<i>ZHAO Shigang, LI Youfang</i>	
The coordination work between Engine Management System and TCU in transmission control.....	5357

The Design of Multi-Channel Data Acquisition System Based on FPGA.....	5361
<i>Su Shujing, Wang Zenggang</i>	
The Development of Taipei Neihu Technology Park.....	5365
<i>Chih-ming Shih, Chung-yu Tien, Chun-ying Li</i>	
The dynamic behavior of information dissemination mechanism in the Internet of things.....	5371
<i>ZHU Qingbo, LIU Yao-he, SONG Ting-xin</i>	
The effect of Elastic Modulus and Poisson ratio on the safety factor of the slope based on three criteria.....	5375
<i>Yan Hong-bin, Ma Xiao-yu, Yang Cui-na</i>	
The Effects of Temperature-Dependent Specific Heats of the Working Fluid on the Performance of a Dual Cycle with Heat Loss and Friction.....	5378
<i>Jiann-Chang Lin, Shuhn-Shyurng Hou, Shu-Jhang Li</i>	
The Eigenvalue and Eigenvector Errors Using Model Reduction Techniques.....	5382
<i>Elnagi Eltayeb, Qibai huang</i>	
The existence and uniqueness of adapted solutions of BSDE with non-Lipschitz coefficients.....	5386
<i>Kai Zhang, Jingsong He</i>	
The Future Trends of In-wheel Motors for Electric Vehicles.....	5390
<i>Xiaohua Li, Rumei Wang</i>	
The Influence of Multimedia Annotation on Vocabulary Learning in CALL of Context.....	5394
<i>Ling JIANG, Kai SUN</i>	
The Influences of Pressure-Side Winglet on Aerodynamic Performance of Compressor Cascade at Different Incidences.....	5398
<i>han shaobing, zhong jingjun</i>	
The integrability and solvability for the variable coefficient higher-order nonlinear Schrödinger equation.....	5402
<i>Yongsheng Tao, Jingsong He</i>	
The motivation of Private Enterprise overseas listing.....	5406
<i>Wang Haiyan</i>	
The numerical analysis of the Highline System considering the influence of the inclined angle.....	5410
<i>Aidi Ren, Liangxin Zhang, Xuejun He</i>	
The numerical conversion algorithm of cardiac electrophysiology image.....	5414
<i>Zhang Bin, Zhang Hao</i>	
The numerical modeling to the Orthopedic of Thorax with Pectus Excavatum.....	5417
<i>Jinduo Ye, Zhiqin Wang, Chunqiu Zhang, Jifu Liu</i>	
The Prototype Implementation of a Varying Current Charger for Aged Rechargeable Lithium-Ion Batteries.....	5421
<i>Jieh-Hwang Yen, Po-Cheng Fan, Lan-Rong Dung, Fa-Hwa Shieh</i>	
The Research of Intelligent Timing Control System for Urban Traffic Signal Light.....	5425
<i>Tu Xianku</i>	
The Research of Radon transform applied in the tunnel seismic prediction.....	5429
<i>Wang zhaoling, Liu zhengping</i>	
The Research on Coal Mining Environmental Impact Post Assessment.....	5433
<i>Mai Fangdai, WangSuiquan, Qin Hongzheng, ZhangWei</i>	
The River Pattern Forecast and Control between Huayuankou and Jiahetan Hydrologic Stations of the Lower Yellow River.....	5437
<i>Qinxiang Wang, Wanqiang Chu</i>	
The Social Network Analysis of Political Blogs in People.....	5441
<i>Ya-ting Liang, Jing-min Chen</i>	
The study on the interfacial transition zone of tire rubber powder Mortar.....	5445

The thermal comfort level of activities on public outdoor space.....	5449
<i>Cheng-Hua Ying, Chuang-Hung Lin, Ruey-Lung Hwang</i>	
The variable-coefficient Modified Kortweg-de Vries equation.....	5453
<i>Meizhen Guo, Jingsong He</i>	
TIPO: A Heuristic Algorithm for Delay Constrained Power Optimization.....	5457
<i>Shuzhe Zhou, Hailong Yao, Qiang Zhou</i>	
Ultrasound assisted rapid synthesis of ionic liquids.....	5461
<i>Ming-Chien Hsiao, Tse-Wei Lin</i>	
Unified power flow based modelling of power split for Hybrid Electric Vehicles assuming three connections.....	5464
<i>G.-H. Geitner, G. Komurgoz</i>	
Velocity-controlled entanglement of two atoms.....	5470
<i>Xunming Cai, Fan Meng-Hui</i>	
Wavelet enhanced fusion algorithm for multisensor images.....	5474
<i>Jingli Gao, Bo Li, Yidong Bao, Fei Ma</i>	
Wind Tunnel Experimental Study of Wind Pressure Distribution on Tall Buildings Considering Surrounding Interference.....	5477
<i>Yongxin Zheng, Shuifu Chen</i>	
Wireless Earthquake Alarm Design Based on MEMS Accelerometer.....	5481
<i>Huayin Zheng, Gengchen Shi, Tao Zeng, Bo Li</i>	
Word-length Optimization of A Pipelined FFT Processor.....	5485
<i>Jing He, Jun Wang, Xinyu Xu</i>	
A Visual Compensation Method for Binocular Vision Deficiency.....	5489
<i>Chin-Lun Lai, Chia-Hsiung Lin</i>	
An Inquiry into the Effects of Incorporating WebQuest in an EFL College Course.....	5493
<i>Chiou-hui Chou</i>	
An Integrated Water Turbidity Detection Method based on multi-spectral Analysis.....	5497
<i>Wen-Chin Lee, Chin-Lun Lai, Chun-Kai Chang</i>	
Camera Calibration for Monocular Vision System Based on Harris Corner Extraction and Neural Network.....	5501
<i>Li Guo Jin, Li Guang Rui</i>	
Effects of sewage-sludge and drought stress on ecophysiology of mongolian pine seedlings.....	5505
<i>Caifeng Yan, Shijie Han</i>	
Optimization Design for Sheet Metal Parts of Mobile Electron Radar based on Finite Element Analysis.....	5509
<i>Kun Cheng</i>	
RFID Medical Information System A System Implementation on MSP430 Platform.....	5513
<i>Sheng-Ta Hsieh</i>	
Simulative Study of the Control of Vehicle Suspension System.....	5517
<i>Bai shi-hong, Tang Hui-hui</i>	
Substructure recursive approach of eigenvalue analysis of large random structures.....	5522
<i>Xinhua Wan, Bin Huang</i>	
The Application of Priority-Degree Evaluation Method on the Overall Scheme of Mechanical.....	5526
<i>Li Tao, Song Baowei, Liu Min</i>	
The Comparative Analysis about Rotational Error Separation with Three-point Method and Approximate Three-point Method.....	5530
<i>Ma Ping, Huang JianJian, Li DuanNeng</i>	
Use of Multimedia Tool for Self-learning A case study and students' respons.....	5535
<i>Robert Yu-Liang Ting, Huang Bo-Ji, Cheng Yi-Wei, Fang-Wei Hsu</i>	