

International Conference on Applied Science and Engineering Innovation 2015 (ASEI 2015)

Advances in Engineering Research Volume 12

Jinan, China
30 – 31 August 2015

Part 1 of 3

Editors:

**Ming Xu
Guangliang Wang**

ISBN: 978-1-5108-0985-7

Printed from e-media with permission by:

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



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

Copyright© (2015) by Atlantis Press
All rights reserved.
<http://www.atlantis-press.com/php/pub.php?publication=asei-15>

Printed by Curran Associates, Inc. (2015)

For permission requests, please contact Atlantis Press
at the address below.

Atlantis Press
29 avenue Laumière
75019 Paris
France

contact@atlantispress.com

Additional copies of this publication are available from:

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

TABLE OF CONTENTS

PART 1

VIDEO MOVING TARGET BINARY IMAGE PROCESSING METHOD BASED ON OTSU	1
<i>Xiaowei Han, Yuan Gao, Yong Cao, Zheng Lu, Dun Niu</i>	
RESEARCH ON RECOGNITION METHOD OF VEHICLE LANE-CHANGE BEHAVIOR BASED ON VIDEO IMAGE	5
<i>Rongbao Chen, Xiaoer Ye, Fengyan Zhang, Dan Zhao</i>	
UNCERTAIN PROGRAM BASED UNIT COMMITMENT MODEL FOR POWER GRID INCLUDING WIND FARMS.....	11
<i>Siqing Sheng, Li Zhang</i>	
NOISE REDUCTION OF SEISMIC SIGNAL VIA EMPIRICAL MODE DECOMPOSITION	16
<i>Baotong Liu</i>	
DISCRETE 2D ANALYTIC IMAGE DECOMPOSITION.....	20
<i>Guanlei Xu, Xiaotong Wang, Xiaogang Xu</i>	
AN ONLINE WEIGHT-BASED CLUSTERING ALGORITHM FOR FACES SELECTION	24
<i>Qianmu Li, Dayi Huang</i>	
INTERNET OF THINGS APPLICATION TO MONITORING PLANT DISEASE AND INSECT PESTS.....	31
<i>Yun Shi, Zhen Wang, Xianfeng Wang, Shanwen Zhang</i>	
AN ABUNDANCE ESTIMATION METHOD BASED ON MATRIX FACTORIZATION FOR HYPERSPECTRAL IMAGES	35
<i>Wei Xia</i>	
APPLICATION OF LEAST SQUARE CURVE FITTING ALGORITHM BASED ON LABVIEW IN PRESSURE DETECTION SYSTEM	39
<i>Wei Sun, Feng Zuo, Aihua Dong, Liya Zhou</i>	
RESEARCH ON INSPECTION TECHNOLOGY OF TUNNEL DISEASE BASED ON PANORAMIC VISION.....	44
<i>Kegang Hu, Qi Chen, Yiping Tang</i>	
RESEARCH ON THE STATE OF ESTIMATION FOR UNMANNED RESEARCH AND RESCUE HELICOPTER.....	48
<i>Jingheng Wang, Wei Zhao, Dongqi Meng</i>	
SIGNAL SEPARATION AND SYNTHESIS IN THE WIGNER-VILLE DISTRIBUTION DOMAIN WITH FRACTIONAL FOURIER TRANSFORM	53
<i>Haitao Cao, Gaoyong Luo</i>	
OPTIMUM RESEARCH OF CONTROL LAW IN HTY-X OF EJECTION SEAT	57
<i>Wei Zhao, Jingheng Wang, Dongqi Meng</i>	
RESEARCH ON INFORMATION FUSION FRAME AND ITS MILITARY APPLICATIONS	62
<i>Minghu Zhang, Hongyu Yang, Xuelian Bai, Hongmin Chen</i>	
RESEARCH ON FAULT DIAGNOSIS METHOD BASED ON GREY RELATION DEGREE	66
<i>Hongmin Chen, Minghu Zhang, Hua Li, Zhongguo Mu</i>	
APPLICATION ON THE NEURAL NETWORK INFORMATION FUSION TECHNOLOGY	70
<i>Sen Zhu, Xuelian Bai, Hongmin Chen, Minghu Zhang</i>	
RESEARCH ON THE GM(1,1) METHOD IN NUCLEAR-EXPLOSION-YIELD DETECTION	74
<i>Xiliang Zhao, Minghu Zhang, Hongmin Chen, Zhongguo Mu</i>	
DESIGN OF ONLINE DETECTION SYSTEM OF GATHERING MACHINES BASED ON MACHINE VISION	78
<i>Yingjie Tang</i>	
DESIGN OF ADAPTIVE RFID READER BASED ON DDS AND RC522	83
<i>Yang Li, Zhihong Dong, Dongsheng Cong</i>	
RESEARCH ON THE RECOGNITION METHOD OF LEAKY CABLE INTRUSION ALARM SIGNAL.....	88
<i>Teng Lu, Lei Xu</i>	
JOINT PARSING AND SEGMENTATION OF ARTICULATED HUMAN BODIES FROM VIDEOS.....	93
<i>Zhao Liu, Jingrun Sun, Chun Chen</i>	
SEVERAL GENERATION METHODS OF MULTINOMIAL DISTRIBUTED RANDOM NUMBER.....	98
<i>Tian Lei, Linxi He, Zhigang Zhang</i>	

DEEP LEARNING BASED MODEL FOR PROHIBITED GOODS DETECTION.....	103
<i>Zhao Liu, Ying Ruan, Chun Chen</i>	
RESEARCH OF CONTROL NETWORK CONFIGURATION TECHNOLOGY BASED ON FUNCTION BLOCK.....	107
<i>Jie Ren, Zongzhi Zhu, Cuiping Pu, An Yu</i>	
NOVEL FUZZY CLUSTERING ALGORITHM BASED ON FIREFLIES	112
<i>Dan Li, Ke Luo, Zhen Sun</i>	
HIGH ACCURACY AND CONSERVATIVE NUMERICAL MODEL FORTREATMENT OF ADVECTION TERMS.....	117
<i>Ruijin Zhang, Xuezhi Huang, Jinmei Zhou</i>	
TABLE RECOGNITION AND RECOVERY IN THE CAMERA-CAPTURED IMAGE WITH COMPLEX BACKGROUND.....	121
<i>Guiyang Xie, Yirong Mao, Zifan Nan, Shizhe Wang, Yue Li, Wei Wang</i>	
CLUSTERING ALGORITHM BASED ON ARTIFICIAL BEE COLONY OPTIMIZATION	126
<i>Dandan Zhang, Ke Luo</i>	
PARAMETER STUDY ON THE RESTRAINT SYSTEM FOR FRONT-SEAT SMALL FEMALE OCCUPANT PROTECTION IN FRONTAL CRASHES.....	132
<i>Libo Cao, Kai Zhang, Qian Luo, Lingbo Yan, Huili Yu</i>	
A PRELIMINARY STUDY OF SORT ALGORITHM FOR INTERNET PERSONAL INFORMATION SEARCH SYSTEM.....	136
<i>Tiansheng Xu, Wang Chen</i>	
INFRARED IMAGE EDGE DETECTION APPLIED RESEARCH BASED ON IMPROVED ANT COLONY ALGORITHM	141
<i>B. M. Qiao, S. Li, Y. Xiao</i>	
ANALYSIS AND OPTIMIZATION OF THE PERFORMANCE OF REAR-SEAT FEMALE OCCUPANT IN FRONTAL CRASH BASED ON EURO-NCAP	145
<i>Libo Cao, Feixia Liu, Lingbo Yan, Zhi Wang</i>	
NAND FLASH BAD BLOCK MANAGEMENT RESEARCH BASED ON FPGA	149
<i>Guohui Wu, Yongjie Hu, Jian Wu</i>	
EVALUATION AND ANALYSIS OF WEB SERVICE BASED ON HEAVY TAILED DISTRIBUTION.....	153
<i>Xun Yuan, Liping Huang, Bin Zhang</i>	
SECURING ELECTRONIC BIDDING SYSTEM WITH SELF-HEALING BROADCAST ENCRYPTION SCHEME	159
<i>Fengjun Kang, Mingming Chen, Bo Chen</i>	
AN IMPROVED ROUTING ALGORITHM IN OSPF FOR ENERGY SAVING	163
<i>Jinfan Tang, Wei Fei, Xueping Ren, Ming Jiang, Xiang Hua</i>	
AN IMPROVED ACTIVE LEARNING METHOD BASED ON FEATURE SELECTION.....	170
<i>Chunjiang Fu, Liang Gong, Yupu Yang</i>	
THE STUDY OF THE ON-LINE FAULT DIAGNOSIS METHOD FOR INDUCTION MOTOR BEARING BASED ON AR MODEL PARAMETERS IDENTIFICATION	175
<i>Ju-Mei Yuan, Lu Zhao</i>	
QUADROTOR UAV TRAJECTORY TRACKING BASED ON ITERATIVE SELF LEARNING CONTROL	182
<i>Li-Ben Yang, Wei-Guo Zhang, De-Gang Huang</i>	
SHORT-TERM WIND POWER PREDICTION BASED ON PARTICLE FILTER AND RADIAL BASIS FUNCTION NEURAL NETWORK.....	188
<i>Yongxiang Wang, Guochu Chen</i>	
A FOREST FIRE WARNING METHOD BASED ON FIRE DANGEROUS RATING	195
<i>Dan Wang, Lei Xu, Yuanyuan Zhou, Zhifu Gao</i>	
STIMULATION GENERATION METHOD OF STEP-NC PROCESS ROUTING BASED ON FBM CONSTRAINED RELATIONSHIP	200
<i>Jinmei Gu, Fengli Huang, Chunguang Xu</i>	
EXPERIMENTAL RESEARCH ON THE CONTINUOUS ROLL FORMING OF THREE- DIMENSIONAL SURFACE PARTS.....	206
<i>Qing-Min Chen, Wei-Xue Hu, Xue-Ping Yan</i>	
MIXING ENHANCEMENT OF OPPOSED QUENCH JETS IN A RQL COMBUSTOR	210
<i>Ronghai Mao, Suhua Shen, Bing Ge, Yongbin Ji</i>	
SUBCRITICAL QUENCHING PROCESS FOR TOUGHNESS IMPROVEMENT OF LOW ALLOY STEEL FOR PERFORATING GUN	220
<i>Lixin Zhao, Lingxue Zhen, Liyun Zheng, Yabin Zhang</i>	

THE SYNTHESIS AND VISUALIZATION ON TOOTH PROFILE OF SWING MOVABLE TEETH TRANSMISSION.....	224
<i>Yanfang Wang, Xiangquan Chang</i>	
FAILURE ANALYSIS OF INTERNAL COMBUSTION EXHAUST VALVE.....	228
<i>Yanpeng Feng, Haijun Tang, Chunguang Li, Xiaoming Ma, Mingli Xie</i>	
MODELING AND SIMULATION OF A NONLINEAR ENERGY HARVESTER UNDER BROADBAND VIBRATIONS	232
<i>Xiaohan Wang, Dongxu Li, Wang Liu</i>	
A RESEARCH ON THE RADAR ANTI-JAMMING EVALUATION INDEX SYSTEM.....	239
<i>Feng Wang, Dongsheng Liu, Pengyuan Liu, Bing Li</i>	
MINING ON THE SUBSET OF RAW DATA SET BASED ON CLUSTERING.....	243
<i>Yuling Ma</i>	
THREE DIMENSION OBJECT LOCATION BASED ON VISUAL SERVING.....	247
<i>Qinjun Du, Shuai Xu, Hao Ma</i>	
LOCAL RADIAL BASIS FUNCTION COLLOCATION METHOD FOR NUMERICAL SOLUTIONS OF SLOSHING PHENOMENON.....	251
<i>Chia-Ming Fan, Wei-Shiang Lai</i>	
THE CONSTRUCTION OF 3D VIRTUAL CAMERA LABORATORY BASED ON VIRTOOLS.....	255
<i>Ling He</i>	
THE STUDY AND OPTIMIZATION OF CDMA NETWORK PILOT POLLUTION	259
<i>Qi Liu, Zhi Jian Yin, Zhao Pan Wu</i>	
CONSTRUCTION AND COUNTING OF 2T+1 STEINER TRIPLE	263
<i>Zhaodi Xu, Xiaoyi Li, Wanxi Chou</i>	
CONSTRUCTION AND ENUMERATION OF DIFFERENT CONFIGURATION.....	267
<i>Xiaoyi Li, Zhaodi Xu, Wanxi Chou</i>	
DIFFERENT CONFIGURATIONS OF 25-ORDER STRUCTURE OF STEINER TRIPLE SYSTEMS OF COUNTING	271
<i>Wei Tian, Xiaoyi Li, Wanxi Chou</i>	
RESEARCH AND DEVELOPMENT OF EQUIPMENT MANAGEMENT INFORMATION SYSTEM IN RUBBER MANUFACTURING ENTERPRISES BASED ON BPR	275
<i>Xian-Zhao Jia, Rui-Rui Ma</i>	
THE CONTACT RELIABILITY ANALYSIS OF GEAR RACK BASED ON THE KRIGING AND RSM METHOD	279
<i>Hui Liu, Wei-Min Cui, Bo He, Xiang-Rui Gong</i>	
COMPREHENSIVE PERFORMANCE EVALUATION OF CULTURAL INDUSTRY VIA LINGUISTIC TWO-TUPLE MODEL	285
<i>Zhongwen Chen</i>	
MATHEMATICAL MODEL OF EVALUATING THE TEACHING SKILLS.....	289
<i>Congjun Rao, Benhe Yin</i>	
RESEARCH ON DISCIPLINE EVALUATION IN UNIVERSITIES.....	293
<i>Cheng Wang, Wenping Li, Congjun Rao</i>	
MULTI-ATTRIBUTE DECISION MODEL OF GREEN SUPPLIER SELECTION UNDER THE LOW-CARBON ECONOMY.....	297
<i>Congjun Rao, Ningjuan Zhang</i>	
NUMERICAL SIMULATION AND STABILITY ANALYSIS OF FLOW OVER A BACKWARD-FACING STEP	301
<i>Jiefang Liao, Wei Zhang, Guoping Chen</i>	
THE DESIGN OF NEW INTELLIGENT PROTECTOR OF FEEDER SWITCH BASED ON CORTEX-M3.....	305
<i>Yaohui Wu, Tianbo Wu, Zheng Zheng, Hua Wei</i>	
A SCALABLE KEY SCHEME FOR MULTI-DIMENSION WIRELESS SENSOR NETWORKS	309
<i>Yuquan Zhang, Lei Wei</i>	
DAMAGE DETECTION IN A STEEL FRAME USING COMPRESSED EMI SIGNATURES BASED ON COMPRESSION SENSING THEORY	313
<i>Ji Zheng, Wei Yan</i>	
DELAY INDUCED REGULAR SPIKE SYNCHRONIZATION IN TWO COUPLED CHAOTIC LIGHT-EMITTING DIODE SYSTEMS.....	318
<i>Xingpan Cui, Yanqiu Che, Bei Liu, Chunxiao Han</i>	
A SECURE SCHEME FOR CLUSTER-BASED WIRELESS SENSOR NETWORKS BASED ON SYMMETRIC POLYNOMIALS	322
<i>Yuquan Zhang, Lei Wei</i>	

SMALL WORLD NEURAL NETWORK BASED ON FPGA.....	326
<i>Aiqing Zhao, Huiyan Li, Yuliang Liu, Chunxiao Han, Yanqiu Che</i>	
DYNAMIC RESPONSE OF THE AXIAL FLOW PUMP INDUCED BY THE FLUID EXCITATION.....	330
<i>Guofang Nan, Yuanlu Zhang, Eryun Chen</i>	
RESEARCH AND DEVELOPMENT OF ON-LINE MONITORING SYSTEM FOR HV OVERHEAD TRANSMISSION LINES.....	335
<i>Zhilong Gao, Dongtao Wang, Xiaocen Cai</i>	
THE SURFACE ADSORPTION FOR BE AND BE/00CR17NI14MO2 STAINLESS STEEL WELDING JOINT BY DIFFUSION BONDING	339
<i>Hui Li, Peng-Cheng Zhang, Xuan Wang, Yong Zhu</i>	
RAPID SYNTHESIS DETERMINATION OF GOLD IN GOLD JEWELRY ALLOYS.....	344
<i>Hui Li, Xuan Wang, Yong Zhu, Youjian Wang</i>	
NUMERICAL SIMULATION OF THE INFLUENCE OF A INTERNALLY SUCTION TYPE AIR CURTAIN TO REFRIGERATED TRUCK'S HEAT PRESERVATION PERFORMANCE.....	351
<i>Jing Jing Liang, Xiao Yong Peng, Zhi Qiu Fu, Jun Xiong, Ya Ling Ye</i>	
STUDY ON ANAEROBIC CO-DIGESTION OF COW MANURE, MAIZE STRAW AND VEGETABLE WASTE	357
<i>Ruiling Gao, Zifu Li, Xuemei Wang, Shikun Cheng, Fubin Yin</i>	
RESEARCH ON THE TECHNOLOGY INTEGRATION OF BUILDING INDUSTRIALIZATION BASED ON BIM TECHNOLOGY	364
<i>Yingbo Ji, Xiaoshan Wang, Yuan Qi, Fuyi Yao, Yiwei Wang</i>	
THE APPLICATION ON EPC IN PROJECT MANAGEMENT OF INDUSTRIALIZED BUILDINGS.....	372
<i>Yingbo Ji, Yiwei Wang, Jianyong Lu, Xiaoshan Wang</i>	
STUDY ON DESIGN OF HIGH-RISE COMMERCIAL RESIDENTIAL COMPLEX.....	380
<i>Yun Zuo</i>	
IN THE INTERACTIVE EXPERIENCE OF THE ELDERLY TOURISM PRODUCT DESIGN STYLE AS THE CENTER	385
<i>Yu Zhao</i>	
THE MOTIF DETECTION OF SHORT-TERM TENDENCY IN STOCK TIME SERIES	390
<i>Wengang Che</i>	
STUDY ON PVDF ULTRAFILTRATION MEMBRANE EXPERIMENT PREPARATION AND MEMBRANE FORMATION MECHANISM.....	396
<i>Huihong Huang, Guie Chen, Yanjun Liu, Li Sun</i>	
THE PROBLEMS AND COUNTERMEASURES OF THE E-COMMERCE ENTERPRISE INTERNAL AUDIT INFORMATIONIZATION.....	404
<i>Xiaoqing Hu, Chengqian Zhang</i>	
A NEW MAC PROTOCOL OF UASN (RABIC-MAC) BASED ON HIGH EFFICIENCY, CONCURRENT AND BIDIRECTION	409
<i>Jun Liu, Xiao Lan Yang, Ling Feng Peng, Peng Ying Lei</i>	
AN EFFICIENT V2G OPTIMAL CONTROL METHOD BASED PRICE UPDATE MECHANISM	416
<i>Wenjie Zhang, Zhongjing Ma</i>	
NEURAL NETWORK MODEL AND CONTROL OF GMAW MOLTEN POOL DEPTH WITH SINGLE-V GROOVE	425
<i>Xiwen Liu, Chaoying Liu</i>	
CNC LATHE CUTTER SADDLE BODY'S THERMAL CHARACTERISTICS ANALYSIS BASED ON ANSYS	431
<i>Mo-Wu Lu, Shu-Xian Wei, Xing Yin</i>	
THE DETECTION METHOD OF NETWORK ATTACKS IN CAMPUS NETWORK	436
<i>Hongxu Wang</i>	
ATTACK CHARACTERISTIC DETECTION FOR LARGE SCALE NETWORK BASED ON COLLABORATIVE PLANNING.....	440
<i>Bingzhan Liu, Lianqin Jia</i>	
RESEARCH ON THE STATISTICAL MODEL OF THE COST SAVINGS IN LOGISTICS TRANSPORTATION.....	445
<i>Quan Mei Gu</i>	
RESEARCH ON EMPLOYMENT MANAGEMENT PLATFORM FOR MULTIMEDIA MAJORS IN THE CLOUD COMPUTING ENVIRONMENT	450
<i>Wenxin Xiang</i>	
THE MOTION TRAJECTORY OPTIMAL CONTROL OF ROBOT BASED ON SMALL PLC	454
<i>Yongfei Zhang, Wei Zheng</i>	

A STUDY ON THE DIFFERENT PROFESSIONAL CURRICULUM PROPORTION SETTING AND EMPLOYMENT RELATIONS IN THE COLLEGE GAME DESIGN COURSES.....	459
<i>Li Cui</i>	
STUDIES ON FLUORESCENCE SPECTRAL CHARACTERISTICS OF LUNG CANCER SERUM	463
<i>Mengrui Pan, Changde Peng, Qianying Guo</i>	
IMPROVEMENT OF WATER BALANCE MODEL BASED ON WIRELESS WATER SENSOR	469
<i>Shijuan Li, Yeping Zhu</i>	
RESEARCH ON NEGOTIATION BASED BARGAINING STRATEGIES IN E-COMMERCE	475
<i>Jianhua Jiang, Guangyun Zhang, Niansong Hong</i>	
RESEARCH ON THE EFFECTIVE DETECTION METHOD OF SPECIFIC DATA IN LARGE DATABASE	481
<i>Jin-Feng Li</i>	
SIMULATION OF AUTOMATIC CONTROL OPTIMIZATION MODEL BASED ON IMPROVED PID ALGORITHM.....	485
<i>Yong Liu</i>	
STUDY ON THE DETECTION METHOD OF ELECTROMAGNETIC WAVE SIGNAL UNDER CLUTTER JAMMING	490
<i>Siwei Li</i>	
ELECTROWETTING DISPLAY PIXELS FABRICATED BY NANOIMPRINT LITHOGRAPHY	495
<i>Q. T. Di, H. Zhang, X. L. Liang, A. D. Li, C. S. Xiao, D. Wu, Q. Y. Xu</i>	
OVERVIEW ON HYBRID WIND-WAVE ENERGY SYSTEMS.....	502
<i>Song Ding, Shiqiang Yan, Duanfeng Han, Qingwei Ma</i>	
EVALUATION AND ANALYSIS ON CARRYING CAPACITY OF COMPREHENSIVE ECOLOGY IN COST ZONE	508
<i>Xiao Li, Wenjia Wei</i>	
STUDY ON DYNAMIC MECHANICAL PROPERTIES AND MICROSTRUCTURE OF EPOXY ASPHALT	516
<i>Zhe Dong, Li-Ping Li</i>	
THE APPLICATION OF MULTI MATERIALS IN THE DESIGN OF CERAMIC WARE	524
<i>Zeng Li</i>	
SOLVING COUPLED LANE-EMDEN EQUATIONS ARISING IN CATALYTIC DIFFUSION REACTIONS BY REPRODUCING KERNEL HILBERT SPACE METHOD.....	529
<i>Tianchu Hao, Songhe Song</i>	
MULTI-SYMPLECTIC INTEGRATION FOR THE CAMASSA-HOLM- EQUATION.....	537
<i>Jiarui Liang, Songhe Song</i>	
RESEARCH AND APPLICATION ON OPTIMAL PATH ANALYSIS IN MINING ROADWAY	544
<i>Zhihua Zhang, Kunrui Tian, Shuwen Yang, Jun Yang, Haowen Yan</i>	
THE NON-FOURIER HEAT CONDUCTION MODEL BETWEEN THE CASTING ROLLER AND THE SLAB	551
<i>Yonggang Xiong, Yunyu Liu, Jiping Wu, Wanpeng Tian, Minxian Du, Jianping Tan</i>	
EVALUATION MODEL ON REGIONAL ECONOMIC PLAN BASED ON ENVIRONMENT	557
<i>Chunguang Gu, Yang Yang, Dan Zhang</i>	
RISK IDENTIFICATION AND ANALYTICAL RESEARCH OF AFRICAN ENGINEERING PROJECT	565
<i>Guangjia He</i>	
PRIVACY PRESERVING IN UN-TRUSTED CLOUD ENVIRONMENTS FOR QUERY SHORTEST PATH.....	572
<i>Lei Zhang, Jing Li, Bin Wang</i>	
ANALYSIS OF EMBEDDED ARM SYSTEM DESIGN AND APPLICATION.....	579
<i>Xiuling Huang</i>	
THE ESTABLISHMENT OF GREEN CONSTRUCTION EVALUATION OF BUILDING PROJECTS BASED ON CLOUD MODEL	587
<i>Shizhu Lin, Yao Zhang</i>	
MODELING ON ENERGY CONSUMPTION OF CLOUD COMPUTING BASED ON DATA CENTER	594
<i>Yang Yu, Wei Jiang, Wei Guan, Ping Li, Yongmin Zhou</i>	
RESEARCH ON THE CONSTRUCTION OF THE TEACHING QUALITY MANAGEMENT SYSTEM OF "SCHOOL ENTERPRISE INTEGRATION"	602
<i>Xianyu Xia</i>	
AN EMPIRICAL STUDY OF ACCOUNTING FIRM SCALE AND LEGAL ENVIRONMENT INFLUENCE ON AUDIT QUALITY.....	608
<i>Honghao Sima</i>	

THE ANALYSIS OF COLLEGE POLITICAL EDUCATION AND HUMANITIES QUALITY EDUCATION RESOURCES IN OLYMPIC MOVEMENT	618
<i>Lihe Chen, Xiaogang Yu</i>	
THE CORRELATION BETWEEN LAWRENCE MODERNIST POETRY AND IMPRESSIONISM PAINTING	624
<i>Liming Ding</i>	
RESEARCH ON THE COLLEGE IDEOLOGICAL AND POLITICAL EDUCATION REFORM IN THE MEDIA ERA.....	628
<i>Shuang Liu</i>	
A STUDY ON THE MECHANISM OF NEW VALUE CREATION FROM THE VIEW OF ENTREPRENEURIAL MENTAL MODEL PRESENCING	634
<i>Weidong Li, Li Li</i>	
MENTAL MODEL OF TOP MANAGEMENT TEAM DIMENSIONAL STRUCTURE, DEVELOPMENT MECHANISM, ENVIRONMENT CONSTRUCTION	640
<i>Dan-Hong Huang, Wei-Dong Li, Hua-Dong Jiang</i>	
THE APPLICATION OF INTEREST TEACHING MODE IN COLLEGE COMPUTER TEACHING	648
<i>Weihua Xu</i>	
LITERATURE REVIEW OF EMERGING INDUSTRY RESEARCH STATUS.....	652
<i>Liyang Lei</i>	
RESEARCH ON THE CLOUD STORAGE SECURITY IN BIG DATA ERA.....	659
<i>Kai Chen, Weimin Lang, Ke Zheng, Wenjing Ouyang</i>	
NETWORK INTRUSION DETECTION USING SUPPORT VECTOR MACHINE BASED ON PARTICLE SWARM OPTIMIZATION	665
<i>Li Wang, Chunhua Dong, Jianping Hu, Guodong Li</i>	
FORECAST FOR FULL LIFE CYCLE OF TECHNICAL RENOVATION OF POWER GRID BASED ON SUPPORT VECTOR MACHINE	671
<i>Zhuohang Wu, Jiye Yang, Guolong Chen, Changchun Wang, Hao Wu, Qing Gao</i>	
TRAVELLING WAVE FAULT LOCATION METHODS FOR POWER CABLES	675
<i>Xia Zhao</i>	
A NOVEL 8T SRAM CELL WITH IMPROVED READ AND WRITE MARGINS.....	679
<i>Song Li, Zhiting Lin, Jiubai Zhang, Yuchun Peng, Xiulong Wu</i>	
RESEARCH ADVANCES IN GENERATION, HAZARD AND SAFETY TECHNOLOGY OF STATIC ELECTRICITY.....	683
<i>Teng Xu, Hua Xie</i>	
ERROR ELEMENT ANALYSIS AND DETECTION FOR BV75 CNC MILLING MACHINE BASED ON BALL-BAR	687
<i>Jinying Chen, Xiaotie Niu, Lijuan Shi</i>	
APPLICATION IN IMAGE-INTERPRETATION OF THE WHOLE WAVE BAND CCD SYSTEM	692
<i>Wei Han, Zhonglin Xu, Guobin Zhao, Nan Zheng, Jun Xie</i>	
STUDY OF GAS SUPPLY WAY AND VELOCITY CHOSEN DURING THE PROCESS OF MPCVD DIAMOND	697
<i>Xiaojing Li, Shunqi Zheng, Yangsheng Zheng, Wenqing Wang, Renna Wu, Rui Li</i>	
APPLICATION ON THE JUDGMENT OF THE DAMAGE POSITION IN THE BRIDGE BASED FREQUENCY RESPONSE FUNCTION	702
<i>Xiang Li, Nianchun Deng</i>	
DEVELOPMENT OF INTELLIGENT MODULE ABOUT INTEGRATED MULTI-CHANNEL DATA ACQUISITION AND PROCESSING FOR THE BRIDGE STRUCTURE	706
<i>Xiang Li, Nianchun Deng</i>	
THE ELECTRONIC PROPERTIES OF AURUM-DOPED WITH BOTH-EDGE NARROW ARMCHAIR GRAPHENE NANORIBBONS.....	710
<i>Weihua Wang, Cuilan Zhao, Peifang Li</i>	
THE RESEARCH ON THE HYDRAULIC NUMERICAL SIMULATION OF FLUX LIMITER FUNCTION.....	714
<i>Dawei Sun, Bingxi Sun</i>	
ADAPTIVE SYSTEM BASED ON DSP FOR ACTIVE NOISE CONTROL.....	718
<i>Wei Jiang</i>	
DEVELOPING DIGITAL-TO-ANALOG CONVERTERS AND THE TURING MACHINE USING PUY.....	722
<i>Xiaopeng Wang, Yulong Xu</i>	
CONCEPTUALIZING WORKFLOW IN DEPENDABLE AND SAFE CLOUD COMPUTING	726
<i>Dan Tang, Xiao-Hong Kuang, Wang Chen</i>	

AN IMPROVED DATA ASSOCIATION RULES MINING ALGORITHM FOR INTELLIGENT HEALTH SURVEILLANCE.....	730
<i>Yinghua Han, Jiaorao Liu, Yanchun Miao</i>	

PART 2

ANALYSIS ON GALLOPING OF ICED CONDUCTOR OF TRANSMISSION TOWER-LINE SYSTEM.....	734
<i>Yu-Xian Di, Kuan-Jun Zhu, Bin Liu</i>	
SURVIVABILITY OPTIMIZATION FOR THE NETWORKED C⁴ISR SYSTEM STRUCTURE	740
<i>Kan Yi, Jingfeng Zhang, Jieyong Zhang</i>	
TIMELINESS OPTIMIZATION MODEL FOR NETWORK C⁴ISR SYSTEM STRUCTURE BASED ON INFORMATION FLOW	745
<i>Jinfeng Zhang, Kan Yi, Heng Wang, Shaojie Mao, Jieyong Zhang</i>	
DESSERTS SALES FORECAST BASED ON THE NEW INFORMATION IMPROVED GRAY MODEL	750
<i>Di Liang, Guizhi Sun, Shuang Wu</i>	
STUDY ON OPTIMIZATION OF COLD CHAIN LOGISTICS DISTRIBUTION BASED ON IMPROVED PARTICLE SWARM OPTIMIZATION ALGORITHM	754
<i>Di Liang, Shuang Wu, Guizhi Sun</i>	
THE STUDY OF TEMPERATURE AND HUMIDITY DATA LOGGER BASED ON RX631	758
<i>Weiwei Qu, Hong Yang, Xiaoping Zou, Huiyong Liu</i>	
DYNAMIC ALTERABLE COMPUTING ENVIRONMENT SYSTEM--- BUILDING BASED ON VIRTUALIZATION.....	762
<i>Xiang Ren</i>	
RESTORATION METHOD OF DISTORTED DIGITAL DOCUMENT IMAGE BASED ON TEXT LINE DETECTION.....	768
<i>Chong Shen, Lijing Tong, Jian Zhan, Zaiyin Zhang</i>	
THE PERFORMANCE APPRAISAL RESEARCH OF MANUFACTURING DEPARTMENT BASED ON AHP	772
<i>Di Liang, Guizhi Sun, Shuang Wu</i>	
DESIGN OF SIMULATION EXPERIMENT PLATFORM FOR C2 SYSTEM AGILITY.....	776
<i>Jiaren Rao, Xin Lin, Wei Chu</i>	
FUZZY VALUE STREAM MAP ANALYSIS TECHNOLOGY IN THE ENTERPRISE OF APPLICATION RESEARCH	781
<i>Di Liang, Guizhi Sun, Shuang Wu</i>	
DESIGN AND IMPLEMENTATION OF SOLAR TRACKING SYSTEM	785
<i>Liping Dong, Zhen An, Lina Hao</i>	
ARCHITECTURE OF A MULTIPLE CHANNEL BLOOD PRESSURE SIGNAL TRANSMITTING BASED ON BLUETOOTH TECHNOLOGY	789
<i>Ruirui He, Lina Wang, Jianqiang Du, Xiaoming Wu</i>	
DESIGN AND RESEARCH OF THE CRANE ANTI-COLLISION ALARMING DEVICE AGAINST HV TRANSMISSION WIRES	793
<i>Tiao Liu, Xianglian Xu, Ting Liu, Gang Huang, Yuchen Wang</i>	
A METHOD OF WIDE-BAND SIGNAL DOA ESTIMATION BASED ON MULTI-SENSOR UNDERWATER ARRAY	797
<i>Tingting Li</i>	
STUDY OF FAULT DIAGNOSIS METHOD BASED ON THE HYBRID CIRCUIT SIMULATION	802
<i>Ting Liu, Xianglian Xu, Tiao Liu, Qiangqiang Yin, Xiaoqian Tang</i>	
THE RESEARCH OF UNMANNED AERIAL VEHICLE VIDEO FUSION EVALUATION METHOD BASED ON STRUCTURE SIMILARITY	807
<i>Jun Xie, Xiuying Fan, Yingnan Liu, Zhonglin Xu, Shuang Wen</i>	
ANALYSIS ON SIDE SLIP CHARACTERISTICS OF MULTI-AXLE VEHICLE TIRE.....	812
<i>Ming Yang, Lingling Li, Wenguang Zheng</i>	
DESIGN AND IMPLEMENTATION OF INTELLIGENT MEDICINE-TAKING SYSTEM	816
<i>Tianqi Yang, Yuhua Dong</i>	
A LOGISTICS ENTERPRISES VEHICLE SCHEDULING METHOD BASED ON GENETIC ALGORITHM	820
<i>Yan Chen, Xiaoliang Song, Xiaowei Han, Dongzheng Wang</i>	

NUMERICAL ANALYSIS AND OPTIMIZATION OF THE FLOW FIELD IN A NEW PHOTOCATALYTIC REACTOR FOR AIR TREATMENT	824
<i>Xiaoli Zhou, Li Zhang, Lihua Dong</i>	
ON THE DESIGN AND IMPLEMENTATION OF A TAILORED DHCP PROTOCOL FOR WIRELESS SENSOR NETWORKS BASED ON FREEOS	828
<i>Fei Gao, Miao Guo, Xia Wang, Yu Wang</i>	
ADAPTIVE SLIDING MODE CONTROL WITH BACKSTEPPING APPROACH FOR A MOVING MASS HYPERSONIC SPINNING MISSILE.....	834
<i>Feng-Jie Gao, Liang-Yu Zhao</i>	
AN OBJECT-ORIENTED AND COLORED TIMED PETRI NET MODEL FOR AUTOMATED INTERBAY MATERIAL HANDLING SYSTEM OF SEMICONDUCTOR WAFER FAB	838
<i>Lihui Wu, Dengjie Zhu, Zhaoyun Wu</i>	
THE SCHEDULING OF QUAY CRANES AND TRUCK IN CONTAINER PORT——A SIMULATION-BASED METHOD.....	842
<i>Huijuan Ma, Yongfa Hong, Yuyue Du</i>	
IMPROVING COLD-CHAIN TRANSPORT SYSTEM EFFICIENCY BY CLOUD COMPUTING AND WIRELESS NETWORK.....	848
<i>Rangyong Zhang, Geng Ma, Lingyan Han</i>	
RESEARCH ON THE BROADBAND EQUIPMENT OF INTEGRATED DETECTION AND COUNTERMEASURE SYSTEM	852
<i>Gaofeng Cheng, Ting Sun, Yingming Lu, Shulai Niu</i>	
RESEARCH ON MULTI-ATTRIBUTE DECISION MAKING MODEL BASED ON POSSIBLE REGRET DEGREE OF POLICY-MAKER	856
<i>Yan Li</i>	
DISCUSSION ON AGRICULTURAL CLEANER PRODUCTION	861
<i>An Wang, Miaomiao Li</i>	
RESEARCH ON URBAN LIGHT POLLUTION AND ITS PREVENTION	865
<i>Xuan Hu</i>	
WIND AND PHOTOVOLTAIC POWER RATIO MODEL IN HYBRID WIND AND PHOTOVOLTAIC POWER MODULE APPLIED TO ONLINE MONITORING SYSTEM FOR TRANSMISSION LINE.....	868
<i>Zeyu Cui</i>	
THE NUMERICAL MODELING OF GAS LIQUID TWO-PHASE FLOW IN LAVAL NOZZLE.....	872
<i>Hongyue Wang</i>	
ACTIVE POWER FILTER FOR POWER QUALITY IMPROVEMENT IN MICRO GRID.....	877
<i>Jing Hao</i>	
CONTROL METHOD OF STATCOM IN UNBALANCE VOLTAGE CONDITION	881
<i>Jing Hao</i>	
RESEARCH ON THE SOLAR COLLECTOR THERMOELECTRIC POWER GENERATION	886
<i>Huasheng Wang</i>	
RESEARCH TO IMPROVE ENTERPRISE FINANCIAL REPORT LIMITATIONS	890
<i>Fengnan Zhang</i>	
THE APPLICATION OF ARCGIS IN ERROR EVALUATION OF PBN FLIGHT PROCEDURES ROUTE PARAMETERS	893
<i>Bin Chen, Daiwu Zhu, Rongjun Zhang, Yujia Liu</i>	
PRELIMINARY STUDY ON THE WORKING CHARACTERISTICS OF THERMOELECTRIC POWER GENERATION	897
<i>Mu Wang</i>	
STUDY ON THE CELLS DEVELOPMENT OF ENTEROMORPHA PROLIFERA ON CONDITIONS OF DC FIELD	900
<i>Yuhang Zheng</i>	
UAV BASED ON RTK HIGH PRECISION INSPECTION SYSTEM	905
<i>Linxin Li</i>	
IMPROVED CHANNEL DECODING FOR GPS CNAV MESSAGE BASED ON CHARACTERISTIC INFORMATION	908
<i>Zhongliang Deng, Jieqiang Li, Lu Yin, Yue Xi, Changming Li, Yang Zhao</i>	
RESEARCH OF DIFFERENTIAL PRESSURE ALTIMETRY IN LOCATION BASED SERVICES	913
<i>Zhongliang Deng, Le Yang, Jie Xia, Yang Hu</i>	
THE DESIGNATION AND APPLICATION OF A LOAD BALANCING STRATEGY USED FOR SESSION PERSISTENCE BASED ON DYNAMIC MESSAGE QUEUE	918
<i>Zhongliang Deng, Xiaoyang Li, Fengli Ruan, Wenxu Ma</i>	

A METHOD OF MAP MATCHING BASED ON PARTICLE FILTER IN INDOOR POSITIONING.....	923
<i>Zhongliang Deng, Fengli Ruan, Shunbao Lu, Ruoyu Zheng, Hui Zeng, Yeqing Fang, Yi Yang</i>	
A SELF-TESTING APPROACH DEFENDING AGAINST ROGUE BASE STATION HIJACKING OF INTELLIGENT TERMINAL	929
<i>Dali Zhu, Na Pang, Zheming Fan</i>	
FLIPPED LEARNING CONVERGENCE AND INNOVATION RESEARCH BASED ON TASK- DRIVEN TEACHING METHOD---- A STUDY OF C PROGRAMMING COURSE IN MEDICAL COLLEGES	938
<i>Lanzhen Chen, Xiaopeng Li, Rudan Lin</i>	
THE ANALYSIS OF CONVECTION EXPERIMENT	942
<i>Zilong Zhang</i>	
ORGANIC RANKINE CYCLE POWER GENERATION TECHNOLOGY DEVELOPMENT AND APPLICATION	947
<i>Hongyue Wang, Zhiyuan Liu</i>	
THE VERTICAL AXIS WIND POWER GENERATION TECHNOLOGY IN MARINE APPLICATION FEASIBILITY ANALYSIS	951
<i>Mofeng Qu</i>	
HDFS DISTRIBUTED METADATA MANAGEMENT RESEARCH	956
<i>An-Ping Xiong, Jin-Yong Ma</i>	
APPLICATION OF GPRS IN THE REMOTE MONITORING OF THE GREENHOUSE	962
<i>Weisong Di</i>	
RESEARCH AND DESIGN OF HIGH PRECISE ADJUSTABLE POWER SUPPLY DEVICE	967
<i>Hong-Bing Liu</i>	
CO-SIMULATION OF STABILIZATION ACCURACY OPTIMIZATION OF OVERHEAD WEAPON STATION	972
<i>W. Deng, B. Q. Mao, B. W. Liang, P. Song</i>	
DESIGN OF FOUR –WHEEL ALIGNMENT INFORMATION STORAGE AND QUERY	978
<i>Feifei Ji, Xiaolan Xie</i>	
A MULTI-RESTRAINED TERMINAL-CONTROLLED ACCESS NETWORK SELECTION STRATEGY	983
<i>Yi Jiang, Min Deng, Hao Feng</i>	
AN EFFICIENT JOIN-ENGINE TO THE SQL QUERY BASED ON HIVE WITH HBASE.....	991
<i>Zhi-Cheng Zhao, Yi Jiang</i>	
RESEARCH ON 3D SIMULATION SYSTEM AND ALGORITHM FOR ROBOT TELEOPERATION	997
<i>Linlin Yan, Fang Xu, Kai Jia</i>	
USE WEB RESOURCES TO CONSTRUCT ONTOLOGY CONCEPT HIERARCHY	1006
<i>He Yu, Xueqiang Lv, Liping Xu</i>	
ACCURATE HUMAN EYE POSITIONING BASED ON THE GEOMETRICAL CHARACTERISTICS OF EYE AND BROW	1012
<i>J. C. Jiang, C. Zhang</i>	
RESEARCH ON THE SELECTION ALGORITHM OF CONTROL NODES OF EMERGENCY COMMUNICATION SYSTEM IN THE COAL MINE	1018
<i>Xiaoqian You, Sicheng Lu</i>	
DESIGN AND IMPLEMENTATION OF NOVEL AGRICULTURAL REMOTE SENSING IMAGE CLASSIFICATION FRAMEWORK THROUGH DEEP NEURAL NETWORK AND MULTI- FEATURE ANALYSIS	1025
<i>Youzhi Zhang</i>	
RESEARCH OF ROOM TEMPERATURE FOR INVERTER AIR CONDITIONER BASED ON FUZZY NEURAL NETWORK CONTROL.....	1032
<i>Xue Xing, Ge Min, Zongxiang Weng, Fengjuan Wang, Wan Xiang</i>	
ULDA ALGORITHM USED IN THE STUDY OF CANCER DIAGNOSIS	1037
<i>Yu Zhang, Yankun Li, Kenan Huang</i>	
CONSTRUCTION AND EVALUATION OF THE INDEX SYSTEM FOR NATIONAL GARDEN CITY	1041
<i>Deligeer Deligeer, Yuan-Yuan Li</i>	
EVALUATION AND CASE ANALYSIS OF ECOLOGICAL GARDEN CITY INDEX.....	1046
<i>Deligeer Deligeer, Yuan-Yuan Li</i>	
FOCUS ON THE DEVELOPMENT OF ENERGY INTERNET IN CHINA.....	1051
<i>Lingzhi Ren, Ling Wang, Xin-Gang Zhao</i>	
ON THE POPULARIZATION OF DIGITAL NETWORK LANGUAGE LABORATORY	1056
<i>Ying Luo, Miaomiao Li</i>	

DISCUSSION ON THE NETWORK TEACHING	1060
<i>Lehui Huang, Miaomiao Li</i>	
A SCALABLE METHOD FOR A PARTICULAR SCHEDULING PROBLEM BASED ON BOOLEAN SATISFIABILITY	1064
<i>Hai Lin</i>	
AN IMPROVED ALGORITHM FOR KNOWLEDGE COMPILATION USING THE COMBINATION RULE	1068
<i>Hai Lin</i>	
APPLICATION OF SVM-BASED RELEVANCE FEEDBACK IN IMAGE RETRIEVAL	1072
<i>Xian. Wei Wu, Wen. Yang Yu, Yu. Bin Yang</i>	
RESEARCH OF THE RAISE RENT-SEEKING MODEL BASED ON ELECTRICITY	1077
<i>Zhanping Li, Yubing Yang</i>	
DESIGN AND PERFORMANCE EVALUATION OF QPSK MODULATION AND DEMODULATION IN SS MODE BASED ON SYSTEMVIEW	1081
<i>Sheng Liang, Gaofeng Pan, Youxing Wu, Yong Xie</i>	
DESIGN AND SIMULATION OF SUBSIZE BWG FEED SYSTEMFOR SHIPBORNE TT&C ANTENNA	1085
<i>Gaofeng Pan, Nanping Mao, Sheng Liang, Xiquan Wang</i>	
TECHNIQUE OF CLUSTER ANALYSIS IN DATA MINING.....	1089
<i>Wenyang Yu, Yubing Yang, Xianwei Wu</i>	
THE METHOD OF DIGITAL WATERMARKING BASED ON IMPROVED SINGULAR VALUE (SV).....	1093
<i>Shi Yang</i>	
CONTROL INDICATORS FOR RESOURCE LEVELING IN PROJECT NETWORK PLANNING.....	1097
<i>Mengrui Shao, Xun Liu</i>	
THE COMPARISON OF BULLWHIP EFFECT BETWEEN AR(1) AND ARMA(1,1) DEMAND IN SUPPLY CHAIN	1103
<i>Wei Ya Di</i>	
LOCAL LAPLACIAN FILTERS AND SOME EXTENSIONS.....	1107
<i>Zhong Ren</i>	
REAL ESTATE PRICES AFFECTING FACTORS BASED ON GREY RELATIONAL ANALYSIS.....	1111
<i>Lei Jiang, Yunli Gao, Li Chen</i>	
INTEGRATIVE CONSTRUCTION OF LEIZHOU PENINSULA GREAT ECOLOGICAL TOURISM CIRCLE.....	1115
<i>Ya-Fen Huang, Jin-Xiang Liu</i>	
DESIGN AND IMPLEMENTATION OF GAMES BASED ON HTML5	1122
<i>Cong Li, Lingjun Yang, Sanxing Cao</i>	
RESEARCH ON THE WIRELESS SENSOR NETWORK MANAGEMENT METHODOLOGIES BASED ON THE RUNTIME MODEL	1126
<i>Wenzhun Huang, Shanwen Zhang</i>	
A COMPREHENSIVE EVALUATION OF THE CONSTRUCTION OF INNOVATION CITIES IN XUZHOU CITY BASED ON PRINCIPAL COMPONENT ANALYSIS.....	1132
<i>Xiaohong Rong</i>	
COMMUNICATION RECORDS ANALYSIS USING GRAY PREDICTION	1136
<i>Xiaofei Sun</i>	
THE INFLUENCE OF TEMPERATURE ON THE DIFFERENTIAL CURRENT PROTECTION OF EHV SHUNT CAPACITOR BRIDGES.....	1141
<i>Yang Liu, Ziqi Wang, Yong Ma, Tianxi Xie, Zhicheng Zhou, Guang Chen</i>	
SLIDING MODE OBSERVER-BASED SENSOR AND ACTUATOR FAULT RECONSTRUCTION FOR NONLINEAR SYSTEM	1148
<i>Liao-Liang Xiao</i>	
FIELD STRAIN TESTING OF TRANSMISSION TOWER UNDER WIND LOAD.....	1154
<i>Weizheng Zhang, Guojian Ji, Yanrun Huang</i>	
PARTIAL DISCHARGES BEHAVIORS OF INTERNAL VOID IN THE OIL-PAPER INSULATION AND ITS EFFECT ON THE MATERIAL	1159
<i>Weizheng Zhang, Zhimin Li, Guojian Ji, Jumei Guo, Yongbo Yang</i>	
THE ANALYSIS OF MULTILEVEL TECHNOLOGY FOR BLDC MOTOR OF ELECTRIC VEHICLE.....	1164
<i>Xingwang Zhang, Ran Zhao</i>	
RESEARCH ON MATHEMATICAL MODEL OF ANTI-TWIST BRAIDED WIRE ROPE	1170
<i>Chao Fu, Hui Wang, Xia Zhao, Lingdong Sun, Ping Zhao</i>	

RESEARCH OF THE DISTRIBUTED POWER SYSTEM DYNAMIC VOLTAGE RESTORER SIMULATION BASED ON DSP	1174
<i>Xiao-Xia Li</i>	
THE EVALUATION SYSTEM OF SUSTAINABLE DEVELOPMENT COUNTRY BASED ON MULTIPLE TARGET	1178
<i>Zilong Chen, Yuhan Wang, Yu Zhao, Pengbo Wang</i>	
APPLICATION OF FCT IN SPH METHOD.....	1183
<i>Xiaowang Sun, Xiaojun Wang, Jie Zhang</i>	
RESEARCH ON TRAJECTORY SCHEME WITH LARGE IMPACT ANGLE FOR FIRE-AND- FORGET ANTI-TANK MISSILES	1187
<i>Wendong Zhao, Min Gao, Wei Huang, Huimin Wang</i>	
STUDY ON THE RELATIONSHIP BETWEEN THE HRPZPSTA RESISTANCE GENE EXPRESSION IN TRANSGENIC SOYBEAN AND RESISTANCE TO GRAY LEAF SPOT DISEASE	1192
<i>Xiaona Gu, Zhenku Liu, Piwu Wang, Zhuo Zhang, Jian Ma, Jing Qu, Jun Zhang</i>	
POWER FLOW CONTROLLER FOR THE MESHED DC GRIDS	1205
<i>Chiheng Gong, Shujun Yao, Haiyang Guo</i>	
STUDY OF AN IMPROVED APRIORI ALGORITHM FOR DATA MINING OF ASSOCIATION RULES.....	1211
<i>Xueting Zhang</i>	
THE APPLICATION OF COMPUTED TOMOGRAPHY IN THE PREVENTION OF OVARIAN CANCER.....	1219
<i>Lihong Bao</i>	
NEURAL NETWORK TECHNOLOGY APPLIED IN THE DIAGNOSIS OF OVARIAN TUMORS.....	1223
<i>Lihong Bao</i>	
SIMULATION ANALYSIS OF HYPERTENSION PATIENTS' PULSE WAVEFORM BASED ON CARDIOVASCULAR ELECTRICAL NETWORK MODEL.....	1227
<i>Liangyu He, Jianjun Yan, Haixia Yan, Rui Guo, Guoping Liu, Yiqin Wang</i>	
FEATURE SELECTION OF COMBINING RELIEFF AND ROUGH SET FOR SYNDROME CLASSIFICATION OF CHRONIC GASTRITIS IN TRADITIONAL CHINESE MEDICINE.....	1233
<i>Jianjun Yan, Qiyue Chen, Guoping Liu, Xiong Lu, Yiqin Wang, Rui Guo</i>	
THE IMPROVEMENT OF CSMA/CA BASED ON DYNAMIC WEIGHTING ALGORITHM	1238
<i>Yuxing Gu</i>	
AERO-ENGINE PID PARAMETERS OPTIMIZATION BASED ON ADAPTIVE GENETIC ALGORITHM	1247
<i>Yinling Wang, Huacong Li</i>	
RESEARCH AND APPLICATION OF ONLINE MONITORING SYSTEM IN SEWAGE TREATMENT BASED ON WEB SERVICE.....	1253
<i>Chenglian Wu, Hong Liang, Yin Qian, Yuan Zhang</i>	
RESEARCH OF DATA FITTING METHOD IN THE INSTALLATION ANGLE OF PHOTOVOLTAIC	1257
<i>Y. Zhang, Z. T. Zhang, H. Mo</i>	
PHYTORESTORATION OF DDT-CONTAMINATED SOIL BY PUMPKIN	1262
<i>Siwen Li, Peng Li, Lina Sun, Dongmei Zheng</i>	
DISCUSSION ON SECURITY POLICY OF DAM SAFE MONITORING SYSTEM BASED NETWORK ENVIRONMENT	1265
<i>Xiaohua Zhang, Zhaohui Zhu</i>	
RESEARCH AND DESIGN OF INTERFACE IN MARINE NAVIGATION INFORMATION SYSTEM.....	1270
<i>Jun Wan, Zhiming Lv</i>	
RAPID IMPLEMENTATION METHOD OF ERP SYSTEM FOR LARGE-SCALE ENTERPRISES	1274
<i>Hongtao Tang, Lang Huang, Li Li</i>	
BI-LEVEL DECISION-MAKING APPROACH FOR PLANNING ELECTRIC POWER SYSTEMS UNDER STOCHASTIC-INTERVAL-PARAMETER UNCERTAINTY	N/A
<i>Yizhong Chen, Li He, Xi Cheng, Jing Li, Hongwei Lu</i>	
AIR QUALITY INDEX MONITORING SYSTEM BASED ON FLOW POINT OF BD.....	1279
<i>Yuxiang Liu, Zhengjun Hao, Bing Fan, Rong Tang, Yanan Cao</i>	
DESIGN AND APPLICATION OF MICRO-LEARNING VIDEO IN FLIPPED CLASSROOM.....	1286
<i>Jing Chang, Deng Dong Liu</i>	
THE STUDY ABOUT THE INTERNAL FINANCIAL CONTROL OF POWER ENTERPRISES UNDER THE ERP ENVIRONMENT	1290
<i>Yijing Liang</i>	

DISCUSSION ON COMPUTER-ASSISTED MANDARIN LEVEL TEST IN COLLEGES.....	1294
<i>Hanqing Zhou, Ling Huang</i>	
SENSIBILITY ANALYSIS OF THE WEN ZHUTANG LANDSLIDE STABILITY BASED ON GREY CORRELATION ANALYSIS.....	1298
<i>Xin Chai, Lei Nie, Wenfei Mao, Min Zhang</i>	
TARGET TRACKING BASED ON MEAN-SHIFT AND KALMAN FILTER.....	1304
<i>Songtao Jiang</i>	
MODAL ANALYSIS AND THREE-DIMENSIONAL MODELING OF 100KW HORIZONTAL AXIS WIND TURBINE BLADES	1309
<i>Y. G. Li, L. Y. Wang, Z. Wang</i>	
THE DEVELOPMENT PRESENT AND TREND OF INTELLIGENT MUNITIONS.....	1314
<i>Pan Xiao, Guanglin He, Jiemin Li, Junhu Li, Gang Zhang</i>	
STUDY ON ENVIRONMENTAL STRESS SITUATION IN THE BLUE JIAODONG PENINSULA ECONOMIC ZONE	1319
<i>Chongmei Wang</i>	
THE CONTROL STRATEGY OF SOFT LANDING TRAJECTORY OF LUNAR CRAFT	1323
<i>Zhiyong Lin</i>	
THE RESEARCH ON OCT DEEP CAVITY THREE-DIMENSIONAL MORPHOLOGY OF APPLICATION OF ENDOSCOPIC	1329
<i>Hongchang Ding, Guohua Cao</i>	
ANALYSIS OF THE MECHANISM OF GREEN SHIPBUILDING SUPPLY CHAIN AND INDEX SYSTEM.....	1333
<i>Hongzhi Wang, Yongyan Yu</i>	
MEASUREMENT ON SURFACE TEMPERATURE ERROR OF FIBER BRAGG GRATING TEMPERATURE SENSOR	1336
<i>Yi Xie, Guofeng Ma, Yuan Cheng</i>	
THE IMPACT OF WIND POWER DEVELOPMENT ON HAZE IN BEIJING-TIANJIN-HEBEI REGION OF CHINA	1340
<i>Liming Liu, Liye Xie</i>	
FUZZY SLIDING MODE CONTROLLER BASED ON PSO ALGORITHM DESIGN	1343
<i>Lihua Li, Weihua Huang</i>	
A STRUCTURED DICTIONARY LEARNING FRAMEWORK FOR SPARSE REPRESENTATION	1348
<i>Yin Wei</i>	
CONSTANT PRESSURE AIR CHARGING CASCADE CONTROL SYSTEM BASED ON FUZZY PID CONTROLLER	1353
<i>Jun Zhao, Zheng Zhang</i>	
MAXIMUM POWER TRACKING CONTROL OF THE STAND-ALONE PHOTOVOLTAIC POWER SYSTEM.....	1359
<i>Xiangjie Xie, Guangqi Zhou, Yao Chen</i>	
POTATO STALK BUDS COMPRESSION CHARACTERISTIC TEST.....	1363
<i>Ziwei Gong, Wei Sun, Jianmin Wu, Fene Wang, Weijun Guo</i>	
GREEN MINING TECHNOLOGY IN MINING.....	1367
<i>Zhengkang Shi</i>	
MINING TECHNOLOGY IN MINING - BASED ON THE CREAM FILLING	1372
<i>Zhengkang Shi</i>	
PRIM ALGORITHM BASED ON HEAP FOR FINDING MINIMAL SPANNING TREE OF VENTILATION NETWORK.....	1377
<i>Buchuan Wang, Qinglong Liu, Wenbin Wu</i>	
NON-LOCAL MEAN VALUE IMAGE DE-NOISING ALGORITHM BASED ON SELF- ADAPTION.....	1383
<i>Bin Yang, Mingming Guo, Xinhua Dou</i>	
THE RESEARCH AND REALIZATION OF A NEW IRON LADLE TRACKING SYSTEM	1387
<i>Sheng Yin, Ming Yang, Chen Wang, Rong Luo</i>	
YOUR FUZZY RECOVERY OF TV GUIDANCE DYNAMIC IMAGE FRAME BASED ON LIFTING WAVELET	1391
<i>Huiyong Zhang, Zeqian Liu, Yiguo Ji, Manyi Hou, Dong Yang</i>	
AN INTELLIGENT MEDICAL GUIDANCE SYSTEM BASED ON MULTI-WORDS TF-IDF ALGORITHM	1395
<i>Y. S. Lin, L Huang, Z. M. Wang</i>	
KAZE ALGORITHM APPLIED IN AUGMENTED REALITY	1401
<i>Qing Zhu, Zhenglong Lei</i>	

INTELLIGENT NETWORK MONITORING SYSTEM BASED ON INDUSTRIAL ETHERNET	1407
<i>Yanping Li, Qihao Zhang, Liting Wang, Caifeng Li</i>	
RESEARCH OF STATE FOR WARNING METHOD UNDER POWER SYSTEM PEAK LOAD MODE.....	1411
<i>Kai Yan, Bin Li, Shihui Yang, Fangfang Duan</i>	
RESEARCH ON DEVELOPMENT OF SMART GRID IN REGIONAL ELECTRICITY MARKET	1415
<i>Xiaozi Cui, Lili Yuan, Xian Chen, Bo Chen</i>	
RESEARCH ON SMART GRID LOAD FORECASTING PLATFORM BASED ON CLOUD COMPUTING	1419
<i>Xian Chen, Bo Chen, Xiaozi Cui, Lin Liu</i>	
RESEARCH OF SMART POWER UTILIZATION SERVICE SYSTEM BASED ON IOT	1423
<i>Fangfang Duan, Ke Li, Bin Li, Shihui Yang</i>	
RESEARCH ON POWER SYSTEM PLANNING AND RECONFIGURATION UNDER ENERGY SAVING AND EMISSION REDUCTION	1427
<i>Yuqiong Zhang, Yuzhe Zhang, Chenchen Wang, Zhao Yang, Yang Tang</i>	
RESEARCH ON MARKET MODE AND REQUIREMENT OF RESERVE ANCILLARY SERVICE FOR INTERCONNECTED POWER SYSTEM.....	1431
<i>Pingping Bai, Zheliang Li, Mu Zhu, Qiulu Wang</i>	
RESEARCH ON MULTI-FAULT PHASED RUSH REPAIR STRATEGY OF DISTRIBUTION NETWORKS.....	1435
<i>Zheliang Li, Pingping Bai, Qiulu Wang, Mu Zhu</i>	
DESIGN OF ELECTRIC POWER DISPATCHING MANAGEMENT SYSTEM BASED ON DATA MINING	1439
<i>Yanli Chang, Yanping Chen, Liruo Lu, Mengqing Jia</i>	
THE DESIGN OF SMART METER WITH POWER QUALITY MONITORING.....	1443
<i>Shihui Yang, Fangfang Duan, Ke Li, Bin Li</i>	
RESEARCH ON ASSISTANT SYSTEM OF ELECTRIC POWER DISTRIBUTION PLANNING BASED ON GIS	1447
<i>Dongqiang Heng, Xin Zhang, Shuzhe Li, Lei Zhang</i>	
RESEARCH ON NETWORK SECURITY OF ELECTRIC POWER DISPATCHING AUTOMATION.....	1451
<i>Jingsong Wang, Shaopeng Yan, Hui Fang, Qun Liu</i>	
THE IMPACT OF ELECTRIC VEHICLE CHARGING STATION ON THE GRID.....	1455
<i>Qun Liu, Hui Fang, Jingsong Wang, Shaopeng Yan</i>	
RESEARCH ON METHODS OF ELECTRICITY SURVEILLANCE	1459
<i>Shaopeng Yan, Jingsong Wang, Qun Liu, Hui Fang</i>	
RESEARCH ON OPTIMAL OPERATION OF ELECTRICAL POWER SYSTEM.....	1463
<i>Hui Fang, Qun Liu, Shaopeng Yan, Jingsong Wang</i>	

PART 3

AN EDC INFORMATION EDC VISUALIZATION SYSTEM IN THE CLINICAL TRIALS.....	1467
<i>Yujia Kong, Fuyan Shi</i>	
ON THE CULTIVATION OF INFORMATION LITERACY OF COLLEGE STUDENTS MAJORING IN ENGLISH.....	1471
<i>An Wang, Miaomiao Li</i>	
ACCELERATING SIMULATED ANNEALING FRACTIONAL ORDER DERIVATIVE KELVIN CREEP MODEL OF ARTIFICIAL FROZEN SOIL.....	1475
<i>Hui Li</i>	
RESEARCH ON THE UTILIZATION OF SMALL STAND-ALONE WIND POWER GENERATION IN YUNNAN MOUNTAINOUS AREAS.....	1482
<i>Yanhong Liang, Yongqiang Zhu, Weipu Tan</i>	
INFLUENCE OF THERMAL MODIFICATION ON PERFORMANCE OF PLANTATION POPLAR WOOD.....	1489
<i>Yong Wang, Zejun Chen, Youhua Fan</i>	
THE CONSTRUCTION AND MANAGEMENT SYSTEM OF ECO-CLEAN SMALL WATERSHED IN THE SUBTROPICAL ZONE.....	1494
<i>Jia Luo, Xiaoling Zhou, Yuxin Tian, Canming Zhang, Xiquan Li</i>	
COLLECTOR SOLAR HOT WATER INSTALLATION ANGLE OPTIMIZATION IN SEVERE COLD AREA	1501
<i>Yueren Wang, Chenfei Bi, Wen Lou</i>	

PUMPING AND INJECTION WELL SPACING OF WATER HEAT PUMP ON THE INFLUENCE OF THE GROUNDWATER FLOW FIELD AND TEMPERATURE FIELD ANALYSIS	1507
<i>Yueren Wang, Wen Lou, Chenfei Bi</i>	
PV MODULE MODELING AND MAXIMUM POWER POINT TRACKING BASED ON ASYMMETRIC FUZZY CONTROL.....	1514
<i>Hongjun Xiao, Xianxiang Li, Jun Wu, Zhongliang Luo</i>	
STRATEGIES FOR RECHARGEABLE LITHIUM-ION BATTERY MANAGEMENT SYSTEM	1521
<i>Yong Wang</i>	
OPTIMIZATION OF RESPONSE CHARACTERISTICS FOR DIRECT FEED DRIVE SYSTEM WITH PARTIAL LEAST SQUARE MODEL.....	1525
<i>Xiankun Lin, Peixiang Li, Tiantian Li</i>	
DEVELOPMENT OF NON-CONTACT PREDICTION SYSTEM OF SURFACE ROUGHNESS WITH MEDIUM	1532
<i>Zi Li Xu, Long Chen, Song Lu</i>	
RESEARCH ON WVD OF PCM/FM DEMODULATION METHOD	1539
<i>Binwen Yuan, Yu Wang, Jian Chen, Gang Fu</i>	
DESIGN OF THE ACQUISITION SYSTEM OF SPREAD-SPECTRUM TT&C SIGNAL.....	1545
<i>Gang Fu, Shuzhao Li, Min Tao, Yunxiang Jia, Guiping Zhang</i>	
RESEARCH ON THE REAL-TIME BUSINESS INTELLIGENCE FRAMEWORK OF ROA MOBILE.....	1551
<i>Zebo Zhu, Jian Chen</i>	
DETECTION AND DEMODULATION OF NON-COOPERATIVE BURST SIGNAL.....	1556
<i>Yue Feng, Guangzhi Wu, Min Tao</i>	
DESIGN OF ANTENNA CONTROL SYSTEM P-FUZZY-PI CONTROLLER	1561
<i>Min Tao, Shuzhao Li, Yunxiang Jia, Guiping Zhang</i>	
RESEARCH ON DATA SYNCHRONIZATION MECHANISM FOR DISTRIBUTED SYSTEM.....	1566
<i>Le Ge, Yixin Su, Shijia Cheng</i>	
RESEARCH ON BRITISH AND AMERICAN CULTURE INTRODUCTION IN COLLEGE ENGLISH TEACHING	1571
<i>Yi Fan</i>	
THE EFFECT OF THE ROADWAY EXCAVATION DISTURBANCE BY SPACING BETWEEN DEEP ADJACENT TUNNELS	1576
<i>Ning Zhang, Ming-Zhong Gao, Lai-Wang Jing</i>	
NUMERICAL SIMULATION OF BIOMASS GASIFICATION IN A FLUIDIZED BED	1581
<i>Aiping Shi, Yixiang Pang, Guanjie Xu, Cheng Li</i>	
A REGIONAL SMART GRID PINCH TECHNOLOGY.....	1588
<i>Dong Wang, Shengjun Yan, Li Huang, Yongbiao Yang, Xudong Wang, Shiming Xu, Benren Pan</i>	
UNIT COMMITMENT CONSIDERING FLEXIBLE CHARGING OF PHEVS.....	1593
<i>Yelei Wang, Xiaming Ye</i>	
RESEARCH ON COMPREHENSIVE CLOSING PROTECTION FOR CAPACITOR BASED ON ATP/EMTP	1610
<i>He Liu, Hao Zhou</i>	
A MULTI-OBJECTIVE EVOLUTIONARY ALGORITHM FOR SEAMLESS STEEL TUBE ORDER-GROUPING PROBLEM.....	1614
<i>Zhao Shen, Wenxin Zhang, Jie Liu</i>	
A SURVEY OF INTERNET DATA MINING TECHNOLOGIES BASED ON MACHINE LEARNING.....	1619
<i>Lin Du, Yehong Han</i>	
A SURVEY OF THE APPLICATION OF ROUGH SETS IN INTELLIGENT DECISION SUPPORT SYSTEM.....	1623
<i>Yehong Han</i>	
HTML5-BASED TOURISM NEEDS OF USERS BROADCAST AUDIO APP DESIGN AND CONSTRUCTION.....	1628
<i>Yujie Song, Sanxing Cao</i>	
LUMP SUM CONTRACTING MANAGEMENT MODE OF MANAGEMENT SYNERGY MECHANISM MODEL	1631
<i>Huishan Li, Jie Ma</i>	
THE INTENSITY OF ELECTROMAGNETIC WAVE DETECTION ROBOT BASED ON ARM	1635
<i>Bin Huang, Wenbo Zhu, Licheng Liu</i>	
THE DESIGN AND RESEARCH OF ELECTRIC FIREBOX REFLECTOR CURVE OPTIMIZATION	1641
<i>Yingping Cao</i>	

THE IMPLICATION OF FOREST PROTECTION ABROAD FOR WULING MOUNTAIN AREA	1645
<i>Weijun He, Yafang Tu</i>	
THE APPLICATION OF FUZZY CONTROL IN PROGRESS CONTROL OF PROJECT.....	1650
<i>Chao Fan</i>	
RESEARCH ON CALCULATION METHOD OF POWER SUPPLY RADIUS BASED ON VOLTAGE DEVIATION IN RURAL POWER NETWORK	1655
<i>Ning Wang</i>	
STUDY ON THE CIRCULAR UTILIZATION PATTERNS OF CITY WATER RESOURCES.....	1660
<i>Fang Chen</i>	
RESEARCH ON OPERATION OF NEW RURAL COOPERATIVE ECONOMIC ORGANIZATIONS IN CHINA	1666
<i>Li Liu</i>	
CHANG E III SOFT LANDING OPTIMAL CONTROL STRATEGY DESIGN	1671
<i>Xinjie Han</i>	
INTERESTING THEORETICAL MECHANICS DESIGN AND PRODUCTION OF TEACHING AIDS	1675
<i>Cen Sun</i>	
DATA PROCESSING OF LIE DETECTOR BASED ON FUZZY CLUSTERING ANALYSIS	1679
<i>Zilong Chen, Junru Wang, Zhiwei Gong, Quanbo Liu</i>	
STRUCTURAL DESIGN AND MODELING ANALYSIS OF CARBON-FREE CAR.....	1683
<i>Yiming Xiao</i>	
“ONE BELT ONE ROAD”- “GOING OUT” ROUTE CHOICE OF CHINESE ENTERPRISES.....	1687
<i>Yudong Hou</i>	
SHORT-TERM LOAD FORECASTING BASED ON VPSO-ELMAN NEURAL NETWORK	1691
<i>Bo Chen, Xiaozhi Cui, Lili Yuan, Xian Chen</i>	
RISKS MANAGEMENT FOR WARNING OF POWER GRID	1695
<i>Yanping Chen, Liruo Lu, Mengqing Jia, Yanli Chang</i>	
DESIGN OF UPS INVERTER CONTROL SYSTEM BASED ON DSP	1699
<i>Qian Yang, Mingming Guo, Jianhua Dou</i>	
COMMUNICATION OF DOUBLE TMS320F28335 DSP BASED ON MCBSP	1705
<i>Qian Yang, Jianhua Dou</i>	
QUANTITATIVE INVERSION OF SPARSE VEGETATION COVERAGE IN DESERTIFICATION AREA.....	1709
<i>Xuedong Li, Xuya Zhang, Hongyan Zhang, Guang Bin Yang</i>	
ENVIRONMENTAL RISK ASSESSMENT OF ENTERPRISES FROM KEY INDUSTRIES IN TIANJIN BINHAI NEW DISTRICT.....	1714
<i>Long Zhou, Hao Zhou, Liyong Fan</i>	
AN OPTIMIZED DYNAMIC FRAME SLOTTED ALOHA ANTI-COLLISION ALGORITHM	1718
<i>Hui Bao, Jing Wang</i>	
THE IMPACT OF DISTRIBUTED PHOTOVOLTAIC ON THE DISTRIBUTED NETWORK.....	1723
<i>Hui Liu, Changhong Deng, Zhigang Zhang, Feng Zheng, Miao Lie, Jing Meng</i>	
STUDY ON TREATMENT OF ANAEROBIC FERMENTATION LIQUID BY A2N DENITRIFICATION AND PHOSPHORUS REMOVAL SYSTEM.....	1728
<i>Andong Ge, Qiong Jin, Lan Ma</i>	
CONSIDERATION OF INTERNAL GOVERNANCE STRUCTURE OF NEW RURAL COOPERATIVE ORGANIZATION IN CHINA	1732
<i>Li Liu</i>	
STUDY ON OPERATING CHARACTERISTICS OF PV POWER SYSTEM BASED ON PV POWER STATION INTEGRATION STANDARDS.....	1736
<i>Feng Zheng, Changhong Deng, Hui Liu, Zhigang Zhang, Qijun Yi</i>	
BIOMECHANICS EFFECTS OF VIBRATION INTERVENTION ON ACHILLES TENDON IN RATS AMONG DIFFERENT FREQUENCIES	1740
<i>Fuming Gu</i>	
THE RESEARCH OF COMPREHENSIVE EVALUATION METHOD IN THE APPLICATION OF PROFESSIONAL COURSES.....	1747
<i>Haihong Li</i>	
RESEARCH OF EMBEDDED ETHERNET TECHNOLOGY	1751
<i>Yucheng Shi</i>	
RESEARCH ON FEATURE SELECTION METHOD IN CHINESE TEXT AUTOMATIC CLASSIFICATION.....	1755
<i>Ying Hong, Xiwen Shao</i>	

MEAN-RISK MODEL FOR PORTFOLIO SELECTION WITH UNCERTAIN RETURNS	1760
<i>Wei Li, Weiyi Qian, Mingqiang Yin</i>	
PUBLIC POLICY ORIENTATION RESEARCH OF OLD CITY RECONSTRUCTION.....	1764
<i>Yudong Hou</i>	
A DESIGN AND IMPLEMENTATION OF THE ONLINE CURRICULUM SYSTEM BASED ON THE BROWSER/SERVER ARCHITECTURE	1768
<i>Bing Chen, Junhua Yao, Pin Wang</i>	
THE APPLICATION AND ROLE OF MULTIMEDIA TECHNOLOGY IN MANDARIN TEACHING	1772
<i>Hanqing Zhou, Ling Huang</i>	
THE DESIGN RESEARCH OF IMPROVING SAFETY FACILITY BASED ON USER EXPERIENCE: A CASE STUDY OF FIRE EXTINGUISHER BOX.....	1776
<i>Yun Dong, Tao Huang, Guona Liu</i>	
APPRECIATING WU WEI'S BAQIAO BRIDGE SNOW FIGURE	1784
<i>Peng Peng, Jing Pu</i>	
APPLICATION OF SAM FOR ENGINE COOLING SYSTEM.....	1787
<i>Bo Gao, Jinmao Chen, Rujuan Yi</i>	
STRATEGY AND TEMPERATURE AFFECT OF THE CHARGING OF LITHIUM-ION BATTERY MANAGEMENT SYSTEM.....	1792
<i>Yi Xiong</i>	
RESEARCH ON ROLLER STRAIGHTENING PROCESS FOR STAINLESS STEEL CLAD PLATE.....	1796
<i>Herong Jin, Xukun Yang, Xueyan Han</i>	
GESTURES RECOGNITION METHOD BASED ON ELECTROMYOGRAPHIC SIGNAL	1800
<i>Yucheng Tian, Mo Wang, Xing Zhang, Xin'An Wang</i>	
APPLICATION OF MICROPROCESSOR IN THE TESTING	1806
<i>Tao Qi, Yanbin Zhang, Youcai Jiang</i>	
THE IMPROVEMENT AND IMPLEMENTATION OF SPEECH ENHANCEMENT BASED ON MEL FREQUENCY WIENER FILTERING	1810
<i>Binwen Fan, Yongjun Wang</i>	
MACHINE STATE IDENTIFICATION BASED ON INFORMATION FUSION	1815
<i>Zhiyuan Sun, Jian Zheng, Chao Xiong, Junhui Yin</i>	
RESEARCH ON THE ALGORITHM OF THE MEASUREMENT TASK SCHEDULING FOR THE SPACE LAUNCH OFFSHORE SURVEY	1819
<i>Jinyuan Liu, Liangcai Liao, Jie Zhang, Zhongyi Chen</i>	
THE DESIGN OF MANAGEMENT SYSTEM OF MICRO THEATER CHAIN	1824
<i>Jingming Liu, Sanxing Cao</i>	
VEHICLE ROUTING OPTIMIZATION FOR LOGISTICS DISTRIBUTION BASED ON ARTIFICIAL FISH-SWARM ALGORITHMS	1828
<i>Li Zhao</i>	
MODIFIED GENETIC ALGORITHM BASED METHOD ON LOW-POWER MAPPING IN NETWORK-ON-CHIP	1833
<i>Qi-Hua Dai, Qin-Rang Liu, Jian-Liang Shen, Miao Sun</i>	
EXPERIMENT RESEARCH OF UHMWPE FIBER REINFORCED CONCRETE UNDER TRIAXIAL COMPRESSION.....	1843
<i>Lingfeng Li, Luhui Yan, Yuwu Zhang</i>	
INNER SUPPORTING APPLICATION STUDY OF PILING SUPPORT IN DEEP MUDDY STRATUM PIT.....	1849
<i>Hui Ma</i>	
USES OF WORLDVIEW-2 MULTISPECTRAL DATA IN EXTRACTING POTENTIAL IRON MINERALIZATION ZONES	1856
<i>Min Yang, Jianqiang Li, Ting Gao, Guangli Ren, Haihui Han</i>	
FRAGILITY ANALYSIS OF EXISTING PRECAST INDUSTRIAL FRAMES USING CFRP REINFORCEMENT	1865
<i>Jian Zhu, Pin Tan, Jianmin Jin</i>	
RESEARCH ON MECHANICAL PROPERTIES OF CEMENT-GRAVEL CORE MATERIAL	1871
<i>Zhong Liu, Ruishe Qiao, Na Li, Bojin Hao, Yuqin Gao</i>	
FINITE ELEMENT ANALYSIS ON FLEXIBLE FLANGE JOINT OF STEEL TUBULAR STRUCTURE	1878
<i>Yangli Wang, Rui Yan</i>	
JOINT SLIPPAGE MODEL IN LATTICE TRANSMISSION TOWER	1886
<i>Wenqiang Jiang, Zhangqi Wang, Ziyang Zhang</i>	

NONLINEAR STATIC ANALYSIS OF UHV TOWER WITH CONSIDERING JOINT SLIPPAGE.....	1890
<i>Wenqiang Jiang, Ziyang Zhang, Zhangqi Wang</i>	
NUMERICAL SIMULATION OF AERODYNAMIC FORCES OF ACSR CONDUCTOR.....	1895
<i>Lizhong Qi, Meng Wang, Gang Xu, Zhangqi Wang</i>	
DEVELOPMENT OF MARKET-PRESTIGE MODEL FOR PROJECT SUPERVISION.....	1901
<i>Zhongshan Lu, Shuping Yang</i>	
DETECTION AND SEPARATION OF MULTI-COMPONENT RADAR EMITTER SIGNAL	1905
<i>Xiaofeng Wang, Guoyi Zhang, Lijun Qi</i>	
BUILD AND IMPLEMENT OF INDEPENDENT COLLEGE TEACHERS TEAM CONSTRUCTION AUXILIARY DECISION SYSTEM BASED ON FRAMEWORK OF SAID.....	1910
<i>Qing-Ru Sui</i>	
PRIVATE COLLEGES TEACHERS EVALUATION SYSTEM BASED ON SUPPORT VECTOR MACHINE (SVM).....	1914
<i>Xiao-Yan Liu</i>	
EFFECTS OF POSTCURE TEMPERATURE ON MECHANICAL PROPERTIES OF RESIN MINERAL COMPOSITE FOR PRECISION MACHINE TOOL	1918
<i>Yi Zhang, Jianhua Zhang, Jicai Yin, Wenqiang Wang, Gang Li</i>	
THE RESEARCH OF MEDICAL COMPRESSION STOCKINGS EQUIPMENT BASED ON 3D SCANNER.....	1926
<i>Zhi Gao, Tingyu Liu, Conghui Shi</i>	
AN AUTOMATIC METHOD TO DETECT DEFECTS FOR SOLID ROCKET MOTOR	1931
<i>Qian Fu, Jiuling Zhao</i>	
K-MEANS ALGORITHM BASED ON FITTING FUNCTION	1936
<i>Siyong Chu, Yanni Deng, Linli Tu</i>	
THE RESEARCH OF VIBRATION SIGNAL DE-NOISING METHOD BASED ON LMD AND WAVELET DE-NOISE.....	1942
<i>Gangxiang Guo, Yuanming Ding, Jinwei Chen</i>	
RESEARCH AND DESIGN OF SMALL AND MEDIUM POWER WITHOUT THE IMPACT OF THE UPS	1946
<i>Yong Wang</i>	
A METHOD OF QUANTITATION EVALUATION AND CALCULATION ON STEREO DISPLAY VISUAL COMFORT BASED ON DEPTH MATCHING DEGREE	1952
<i>Fan Wu, Xiaolan Tang, Longxing Kong</i>	
DESIGN OF AUTOMOBILE BRAKE WASTE HEAT RECOVERY DEVICE	1960
<i>Jie Zhang</i>	
THE RESEARCH TO SERVICE ROBOT LOCALIZATION OF INVERSION GPS IN THE SPHERICAL COORDINATES	1965
<i>Zhibing Deng, Siyong Chu, Linli Tu</i>	
PUBLIC FLUE SMOKE TREATMENT UNIT IN RESIDENTIAL BUILDING BASED ON INTERNET OF THINGS	1969
<i>Hanlei Du</i>	
STUDY ON PREPARING SINGLE-COMPONENT FLOW-TYPE EP UNDERFILL ADHESIVE.....	1972
<i>Huilu Li, Hongli Wei, Kangchen Shao, Ting Zhang</i>	
A NOVEL APPROACH FOR A SPECIFIC OPTIMIZATION PROBLEM IN COMPILERS	1977
<i>Hai Lin, Baoliang Mu</i>	
COMBINING NONMONOTONIC INFERENCE AND CASE-BASED REASONING TO SOLVE PRACTICAL PROBLEMS	1981
<i>Hai Lin, Baoliang Mu</i>	
CALCULATION AND SIMULATION OF A HERTZIAN DIPOLE	1984
<i>Changkai Lu</i>	
RESEARCH ON CARBON DISTRIBUTION IN NATURAL SCENIC AREA.....	1988
<i>Lin Chen, Rong Zhao, Maozhu Jin</i>	
MOTION ANALYSIS AND POWER RESPONSES OF A SINGLE-BUOY WAVE ENERGY CONVERTER CONSISTING OF DOUBLE HYDRAULIC CYLINDERS	1995
<i>Biao Li, Hongtao Gao</i>	
BEND-TWIST COUPLING CHARACTERISTICS CALCULATIONS OF 5MW WIND TURBINE BLADES BASED ON 3D SHELL MODEL	2002
<i>Xingyin Zhou, Liqiang An, Zhangqi Wang, Hexiang Zhao</i>	
SYNTHESIS OF PYROMELLITIC DIANHYDRIDE (PMDA) AND TETRAOCTYL PYROMELLITATE (TOPM) BY ALKALI OXYGEN OXIDATION OF ANTHRAEITE AND ESTERIFICATION OF PMDA WITH ISOCTYL ALCOHOL	2009
<i>Kun Du, Yu Li, Zhifang Fan, Hong Wu</i>	

THE DESIGN OF AUTOMATIC CIRCULATING TEMPERATURE CONTROL SYSTEM OF SCM-BASED GREENHOUSE.....	2015
<i>Jian Gao, Li Zhao, Yong Sun</i>	
ANALYSIS ON THE INDUSTRIAL PERFORMANCE OF WIND POWER IN CHINA.....	2023
<i>Lingzhi Ren, Ling Wang, Xin-Gang Zhao</i>	
HIGH PRECISION SERVO SYSTEM REFERENCE INPUT LEARNING PMSM	2029
<i>Yong-Qiu Liu, Qiu-Kui Han</i>	
RESEARCH ON THE APPLICATION OF GREEN GDP IN ENVIRONMENTAL PERFORMANCE AUDIT	2034
<i>Jinyu Tian, Shuhua Wu</i>	
AN IMPROVED GM (1,1) MODEL ON INITIAL VALUE AND ITS APPLICATION ON POWER LOAD FORECASTING	2040
<i>Shuangchen Li, Tiantian Wang</i>	
VALUE MANAGEMENT OF ENTERPRISE EQUIPMENT	2046
<i>Xiao Ming Hu</i>	
RESEARCH ON COST-BASED AGC PRICING MECHANISM FOR CHINA'S WIND POWER	2051
<i>Yiping Zeng, Ling Wang, Xingang Zhao</i>	
PRICING MODEL AND COMPENSATION STRATEGY OF WIND POWER AGC ANCILLARY SERVICES BASED ON THE DAY-AHEAD MARKET AND PRIORITY DECISION-MAKING MODEL.....	2057
<i>Yuzhuo Zhang, Ling Wang, Xin-Gang Zhao</i>	
CONSTRUCTING THE EVALUATION INDEX SYSTEM OF AUXILIARY SERVICE OF WIND POWER BASED ON THE SEM.....	2063
<i>Lingzhi Ren, Ling Wang, Xin-Gang Zhao</i>	
METHOD RESEARCH TO IMPROVE INVENTORY MANAGEMENT BASED ON ENTERPRISE RESOURCE PLANNING(ERP) ENVIRONMENT	2069
<i>Lingling Yi, Jianfei Tu</i>	
THE MANAGEMENT SYSTEM OF REMOTE EQUIPMENT BASE ON SMS.....	2075
<i>Wei Yan</i>	
THE INFLUENCE OF CHARACTERISTICS OF THERMODYNAMIC EFFECT AND BULK VISCOSITY EFFECT ON THE BUBBLE DYNAMICS.....	2079
<i>Wenjun Kong, Ce Guo, Jinming Liao, Xijing Zhu</i>	
SIMULATION OPTIMIZATION DESIGN ON VEHICLE DISK BRAKE.....	2085
<i>Pengfei Duan</i>	
AN EQUIPMENT CONDITION WARNING METHOD BASED ON MEP IN SMART SUBSTATION	2091
<i>Jiansheng Li, Zhicheng Zhou, Yiming Wu, Yuncai Lu, Chao Wei, Peng Wu</i>	
SUFFICIENT AND COMPREHENSIVE MEASUREMENT OF AUTOMOBILE MANUFACTURING INDUSTRY PERFORMANCE APPLYING BI-OBJECTIVE SUPER- EFFICIENCY DEA.....	2096
<i>Xiaodong Sun, Xuliang Lv, Ling Li</i>	
RESEARCH ON HOME APPLIANCE CONTROL SYSTEM BASED ON BRAIN-COMPUTER INTERFACE.....	2101
<i>Xiaolong Jia, Liqing Geng, Huiya Liu</i>	
A SIMULATION SYSTEM OF SURFACE TEXTURE ON FACE MILLING	2105
<i>Yimin Ma</i>	
INFLUENCE OF PARAMETERS ON VIBRATIONS FOR CENTRIFUGAL PUMP BASED ON THE MODAL DYNAMICS METHOD.....	2109
<i>Guofang Nan, Yuanlu Zhang</i>	
A NOVEL ACOUSTIC IMAGING SYSTEM BASED ON DIGITAL MEMS SENSORS	2115
<i>Linsong Chen, Yueyun Cao, Wenyong Guo</i>	
NUMERICAL SIMULATION OF FLOW FIELD IN THE PLATE-FIN REACTOR.....	2120
<i>Xian Zhang</i>	
APPROACH RESEARCH ON THE TECHNIQUES FOR NETWORK INTRUSION DETECTION BASED ON DATA MINING	2129
<i>Lina Gong, Tao Xu, Wei Zhang, Xuhong Li, Xia Wang, Wenwen Pan</i>	
RESEARCH AND ANALYSIS APPROACH ON WIRELESS SENSOR NETWORK SYSTEM BASED ON INTERNET OF THINGS: A REVIEW.....	2133
<i>Tao Xu, Lina Gong, Wei Zhang, Xuhong Li, Xia Wang, Wenwen Pan</i>	
ONE POT SYNTHESIS , CHARACTERIZATION AND MECHANISM OF ZINC GLYCINATE MONOHYDRATE	2137
<i>Hui Feng, Zhiwei Xu, Qianfeng Li, Xiuru Wang, Qiuyue Song</i>	

CHANGES OF ATP AND ATP-RELATED COMPOUNDS CONTENTS AND K VALUE IN SEBASTE STHOMPSONI IN DIFFERENT STORAGE TEMPERATURES	2141
<i>Yimeng Wu, Konno Kunihiko, Shunsheng Chen</i>	
SYNTHESIS OF 7-(BENZYLOXY)-4-CHLORO-6-METHOXYQUINAZOLINE	2147
<i>Min Wang, Ping Wang, Yiqiang Ouyang, Linxiao Wang, Qingjun Li, Si Gao, Shan Xu</i>	
SYNTHESIS OF 2-(4-((6-BROMO-3-NITROQUINOLIN-4-YL)AMINO) PHENYL)-2-METHYLPROPANENITRILE.....	2150
<i>Fei Lei, Yuanbiao Tu, Min Wang, Wenhui Wang, Qidong Tang, Shan Xu</i>	
SYNTHESIS OF 6-BROMO-4-IDOQUINOLINE	2154
<i>Wenhui Wang, Yuping Guo, Linxiao Wang, Yiqiang Ouyang, Qinqin Wang, Wufu Zhu</i>	
IN VIVO ANTITUMOR ACTIVITY OF MERETRIX MERETRIX GLYCOPEPTIDE	2158
<i>Jielian Wu, Shan Xu</i>	
AEROMAGNETIC AND REMOTE SENSING INTERPRETATION AND PROSPECTING PREDICTION OF XINJIANG POBEI AREA	2163
<i>Yan Li, Chenyang Wang, Weilei Zou, Rihong Yang</i>	
MEASURING THE OIL WEIGHT OF CRUDE OIL STORAGE TANKS BASED ON THE DENSITY METHOD	2171
<i>Bo Chen, Xiaoqing Xue, Ting Liu</i>	
CRUDE OIL MEASUREMENT MODEL BASED ON ARTIFICIAL NEURAL NETWORKS	2175
<i>Bo Chen, Xiaoqing Xue, Ting Liu</i>	
REALIZATION OF CROSS-PLATFORM VIDEO AND AUDIO TRANSMISSION TECHNOLOGY BASED ON HTML5.....	2179
<i>Kai Liang, Sanxing Cao</i>	
RESEARCH ON DEVELOPING ROUTE OF BRAND INTERNATIONALIZATION OF OEM ENTERPRISES	2183
<i>Yuhua Zhang, Zhen Zhang</i>	
RESEARCH AND SIMULATION OF IMPROVED APIT LOCALIZATION ALGORITHM BASED ON WSN.....	2191
<i>Pinglan Cai, Layuan Li, Chunlin Li</i>	
Author Index	