6th International Conference on Electronics, Mechanics, Culture and Medicine (EMCM 2015)

Advances in Computer Science Research Volume 45

Shenyang, China 29 – 31 December 2015

Editors:

Liu Chang Chang Guiran **Luo Zhen**

ISBN: 978-1-5108-2050-0

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=emcm-15 Printed by Curran Associates, Inc. (2016)

For permission requests, please contact the publisher:

Atlantis Press Amsterdam / Paris

Email: contact@atlantis-press.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: 845-758-2633

Email: curran@proceedings.com Web: www.proceedings.com

TABLE OF CONTENTS

EDUCATION

APPLIED UNDERGRADUATE ENGLISH TEACHING BASED ON THE ANALYTIC HIERARCHY PROCESS	1
THE DEVELOPMENT OF FOREIGN TRADE AND ITS EFFECT ON ECONOMIC GROWTH	6
MECHANISM ANALYSIS ABOUT HOW INFORMATION SEEKING STRATEGIES AFFECT VALUE CO-CREATION IN VIRTUAL BRAND COMMUNITY	10
EMPIRICAL ANALYZING OF THE EFFECT OF FDI ON EMERGING INDUSTRIES IN HEBEI	15
A NEW APPROACH TO THE MANAGEMENT OF MENTAL HEALTH EDUCATION FOR COLLEGE STUDENTS	20
STUDY ON THE STATUS QUO OF UNIVERSITY STUDENTS' DIGITAL CAPABILITIES AS WELL AS COUNTERMEASURES FOR PROMOTION	24
Xia Ouyang, Ping Zhang, Sha Wu, Changhai Tian THE INHERITANCE AND DEVELOPMENT OF CHINESE FOLK CUSTOM CULTURE – EXAMPLE BY LINYI	30
Li Zhu ON THE MICROSCOPIC MECHANISM OF COMPTON SCATTERING OF BACL2 SOLUTIONS Guang Luo, Sisi Fan	35
RESEARCH ON THE PRACTICE TEACHING METHODOLOGY AND THE APPLICATIONS	40
PCA AND LS-SVM	
CHINESE CULTURAL IDENTITY LOSS IN FOREIGN LANGUAGE LEARNING Yuhuan Zhang THE STUDY ON THE CHARACTERS AND THE PATTERN OF EDUCATIONAL PROMOTION	51
OF JAPANESE SPECIALIZED PROFESSIONAL INSTITUTE	56
ENTERPRISE CAPABILITY Baiyi An, Wei Shen	65
THE APPLICATION OF SEMANTIC THEORIES IN ELT IN CHINESE MIDDLE SCHOOLS SEMANTIC THEORIES AND LEXICAL TEACHING	69
CHAOS BASED PERTURBATION ENCRYPTION ALGORITHM Xiaoyan Sun	74
PRODUCTIVE VOCABULARY DEVELOPMENT IN EFL WRITING: A CORPUS-BASED STUDY	80
PREPARATION OF SOYBEAN OIL CORN STARCH ESTER BY USING IMMOBILIZED LIPASE	87
IMPACTS OF MONETARY POLICY ON VIETNAM STOCK PRICE	
IMPROVING LAMPORT CLOCKS AND OBJECT-ORIENTED LANGUAGES	
Cheng Hu, Yanjun Gao, Xianming Liu RESEARCH INTO SYNTHESIZING ACCESS CONTROL STRATEGIES IN CLOUD	
COMPUTING ENVIRONMENT Ping Ni	110

ANALYSIS OF THE POWER OF SUBSIDY POLICY, WHICH IS USED IN BIOMASS POWER	
GENERATION INDUSTRYTAKE STRAW DIRECT COMBUSTION POWER PLANT FOR	
EXAMPLE	115
Jiaqi Li	
ADSORPTION OF BENZENE ON RICE HUSK-BASED ACTIVATED CARBONS WITH LOW	
SILICON CONTENT	122
Fuyong Wang, Qiang Yu, Wenhua Ji, Lixia Liu, Li Yang, Dongli Fan	
GAME ANALYSIS ON LOWERING PRICE MALICIOUSLY BETWEEN FARMERS AND	120
GRAIN MERCHANTS UNDER THE BACKGROUND OF REPAYMENT PRESSURE	129
Dehua Zhang	
A STUDY ON CONSTRUCTION OF LOW CARBON LEVEL EVALUATION INDEX SYSTEM	125
UNDER RESOURCE CONSTRAINT	135
Hang Zhang	
ANALYSIS AND RESEARCH ON THE APPLICATION PHENOMENON OF TIBETAN DANCE GUOZHUANG FOR THE NATIONAL FITNESS	1.41
Zhenghong Li, Sangquzhen Ge, Zhenhua Guo	141
UNIVERSITY TEACHERS' INFORMATION LITERACY AND ITS TRAINING UNDER THE	1.46
BACKGROUND OF EDUCATION INFORMATION	146
Yanfeng Chen	
MEASUREMENT AND EVALUATION OF INDOOR RADON CONCENTRATION IN A CAMPUS	150
IN SHENBEI DISTRICT	132
STUDY ON THE RECONSIDERING AND COUNTERMEASURES FOR DEEPENING	
INNOVATION AND ENTREPRENEURSHIP IN UNIVERSITIES	150
Hailan Luo, Yihua Liu, Kangning Dou, Fuqing Wang, Jianguo Wang, Fei Wang	136
TENSILE PROPERTIES OF THE LARGE DIAMETER TPEE MONOFILAMENTS	162
Xinghui Chen, Lixia Liu, Zhiqiang Ma, Qiang Yu, Ying Fang, Dongli Fan	102
EXPERIMENT ON BARE FIBER STRESS FATIGUE LIFE INDEX	160
Zhiyuan Pan	109
THE FINANCIAL DEVELOPMENT AND ECONOMIC GROWTH OF FUJIAN PROVINCE	174
Chen Lu	1/4
STUDY ON GROWTH PERFORMANCE OF STRATEGIC NEW INDUSTRIES	180
Rui Li, Liwen Sun, Jingwei Lv	100
STRENGTHEN IDEOLOGICAL AND POLITICAL EDUCATION OF COLLEGE STUDENTS	185
Xin Su, Mao Yang	
DESIGN AND IMPLEMENTATION OF ONE-TO-ONE ONLINE TUTORING OF CHINESE	
CHILDREN'S ENGLISH ON QQ PLATFORM	190
Yu Sun, Li Zhu	
RESEARCH AND PRACTICE ON THE DISCIPLINE COMPETITION BASED EDUCATION	
MODE FOR COLLEGE STUDENTS UNDER THE INTERNET PLUS BACKGROUND	195
Xinxin Xie, Wenzhun Huang, Hui Zhang	
LEARNING COMMUNITY IN FOREIGN LANGUAGE LEARNING	200
Yuhuan Zhang	
AN ANALYSIS OF WILLY LOMAN'S TRAGEDY IN DEATH OF A SALESMAN	204
Jinying Zhao	
THE STUDY ON SELF-EMPLOYMENT OF COLLEGE STUDENTS	208
Baiyi An, Wei Shen	
CRITICAL REVIEW ON NEED-BASED ENGLISH TEACHING PRACTICING FOR SPORTS	
STUDENTS IN CHINESE COLLEGES	212
Wenqun Yao, Xing Li	
TWO-DIMENSION CHAOS-BASED SIGNATURE ALGORITHM FOR MULTIVARIATE	
PUBLIC CRYPTOSYSTEM	217
Xiaoyan Sun	
THE USE OF MODAL VERB IN ENGLISH WRITING: CORPUS VIEWS	223
Deging Wang	
THE MICROWAVE-ASSISTED LIPASE-CATALYZED SYNTHESIS OF SUCROSE LAURATE	230
Quanhui Li, Jiaying Xin, Tingting Yao, Zhengyang Wang, Luoyun Zheng	
THE IMPACT OF AUTHENTICATED EPISTEMOLOGIES ON HARDWARE AND	
ARCHITECTURE	236
Bing Li, Lianyong Zhou, Li Chen	

RESEARCH INTO SYNTHESIZING ACCESS CONTROL STRATEGIES IN CLOUD COMPUTING ENVIRONMENT	241
Ping Ni	2 . 1
RESEARCH ON DIVERSIFIED ASSESSMENT MODEL OF PEER INSTRUCTION —— CASE STUDY OF COLLEGE PHYSICS COURSE	247
Xianming Liu, Yanjun Gao, Cheng Hu	
PREPARATION AND PROPERTIES OF RICE HUSK-BASED ACTIVATED CARBON USING PHOSPHORIC ACID AS ACTIVATOR	252
Xinghui Chen, Ying Fang, Jian Zhu, Fuyong Wang, Teng Zhao, Dongli Fan	232
STUDY ON THE PROBLEMS OF FARMERS' PROPERTY INCOME GROWTH FROM THE PERSPECTIVE OF FINANCIAL MANAGEMENT	258
Dehua Zhang	
RESEARCH ON CHINA INDUSTRIAL STRUCTURE OPTIMIZATION BASED ON EXTERNAL CONSTRAINT	263
Hang Zhang	
RESEARCH ON MIAO MARTIAL ARTS DRUM DANCING IN XIANGXI	271
THE RELATIONSHIP BETWEEN EXPERIENCE OF NEGATIVE EMOTION, EMOTIONAL	
REGULATION STRATEGIES AND MORAL JUDGMENT OF COLLEGE STUDENTS	276
AN EFFICIENT DTW MATCHING FOR ON-LINE SIGNATURE VERIFICATION	282
OPTIMAL MOTHER WAVELET SELECTION FOR ON-LINE SIGNATURE VERIFICATION	287
RESEARCH ON CULTURAL CHARACTER OF ENGLISH COURSES	292
OPTIMIZATION METHOD OF PROCESS PARAMETERS FOR MULTI-AXIS NC MACHINING	
OF COMPLEX SURFACES	296
SURFACE DESIGN AND NUMERICAL CONTROL SIMULATION OF COMPLEX PARTS	300
THE EXPRESSION METHOD EXPLORATION OF FOLK CULTURE IN URBAN PUBLIC ART -	
-TAKE PAPER-CUT SCULPTURE IN HARBIN DAOWAI'S NORTHEAST FOLK CULTURE SERIES AS EXAMPLE	305
Zhenkun Han, Zhengzheng Tang	
INVESTIGATION ON CURRENT SITUATION OF EXTRACURRICULAR READING OF LOCAL COLLEGE STUDENTS	212
	312
Mingxiu Ding THE EFFECTS OF FOREIGN CULTURES TO THE WOMEN CLOTHES IN THE TANG	21.
DYNASTY	316
RESEARCH ON WUSHU CULTURE OF SOUTHWEST PICTORIAL STONE BRICK OF HAN DYNASTY	322
Zexiu Ai, Zhenhua Guo	
ON THE TRANSLATOR'S SUBJECTIVITY IN THE CONVERSION OF UNTRANSLATABILITY	
OF CLASSICAL CHINESE POETRY	327
A COMPARISON OF PILGRIMAGE TO WEST AND PILGRIM'S PROGRESS	331
BRIEF PROBE INTO THE TEXTURE OF FABRIC RECONSTRUCTION IN FASHION DESIGN	338
RESEARCH OF WOMEN DRESSES IN THE TANG DYNASTY AND THE MODERN DRESSES	
UNDER THE PERSPECTIVE OF POSTMODERNISM. Qionghua Deng	
A STUDY ON WANG GEN'S THEORY ON HONORING THE BODY	
VISUALIZATION DETECTION OF MELAMINE IN THE PROTEIN FEED	356
CORRELATION BETWEEN GENETIC FACTORS AND THE INCIDENCE OF OCULAR	
HYPERTENSION GLAUCOMA / NORMAL TENSION GLAUCOMA Yali Feng, Zhe Cui, Wenshuang Xu	362

DISCUSSION OF THE POETIC OF TANGYIN'S "AUTUMN BREEZE AND FINE SILK FAN"	368
Ran Wei, Lingling Xiao	
METHANOTROPHS USED IN FRUIT AND VEGETABLE PRESERVATION	375
Chunyu Li, Shengbo Gao, Jianxiong Zhang, Jiaying Xin	
THE BRITISH SOCIETY IN THE 1980S AND THE 1990S REFLECTED IN THE POEMS OF	200
CAROL ANN DUFFY	380
Xiaohong Sheng	
APPLICATION VALUE OF IODIXANOL IN DETECTING AORTIC DISSECTION OF	
ELDERLY PATIENTS IN LOW DOSE SCANNING SCHEME BY IDOSE	386
Wenfu Yan, Wei Zhao	
THE REPORTS ON THE PROTECTION AND INHERITANCE OF LAIFENG DI LONGDENG	391
RESEARCH ON THE HUMOR IN FRIENDS FROM THE PERSPECTIVE OF RELEVANCE	
THEORY	397
Jie Wang	
ANALYSIS OF THE INHERITANCE AND DEVELOPMENT OF SICHUAN ETHNIC	
MINORITIES' TRADITIONAL SPORTS CULTURE	403
Zhongfan Zheng, Liangliang Sun	
INTEREST INTRODUCTION OF GERMAN LANGUAGE AND LITERATURE IN CLASSROOM	408
Ling Wu	
THE SINGAPORE ENGLISH PRESS IN THE 1970S	412
Lingyi Huang	
INVESTIGATION AND ANALYSIS OF GEJIA WUSHU CULTURE	419
Zhenghong Li, Zhenhua Guo	
THE STUDY OF TRACK AND FIELD ATHLETES ANKLE-JOINT INJURY REASONS AND	
PREVENTIVE MEASURES IN SPORT-SPECIFIC TRAINING	425
Yong Zheng	
RESEARCH ON LINYI TOURISM BRAND STRATEGY BASED ON THE ADVANTAGE OF	
CULTURAL RESOURCESBrain STRATEGY BASED ON THE ADVANTAGE OF	122
Yunli Shi	433
	4.4.1
RESEARCH ON BUSINESS EVOLUTION IN LUOYI IN PRE-QIN PERIOD	441
Dandan Qi	
ON THE REVOLUTION AND TREND OF MODERN MEN'S WEAR	446
Ying Ding	
INTRODUCTION TO THE INTEGRATION OF MODERN ART DESIGN AND TRADITIONAL	
HUMANISTIC THOUGHT	454
Ning Zhang	
APPLICATION AND PERSONALIZED PERFORMANCE OF ECOLOGICAL IDEA IN	
ENVIRONMENTAL ART DESIGN	459
Wei Zhang	
APPLICATION AND ADAPTATION OF TRADITIONAL ELEMENTS IN ENVIRONMENTAL	
ART DESIGN	463
Li Li	
EXPRESSION AND SIGNIFICANCE OF CD123 AND CD96 IN MYELODYSPLASTIC	
SYNDROME	467
Xuefang Zhang, Libo Jiang, Shuying Zhang, Heng Guo, Hong Zhou	
ANALYSIS OF ETHICS FOR USING PORTABLE INTELLIGENT DEVICES BASED ON PLS	
REGRESSION MODEL	474
Xuecai Bao, Jinghai Yin, Tangsheng Wang	
TYPICAL CLOTHING ENSEMBLE FOR THE TEXTILE WORKER	480
Ruiliang Yang, Wen Sun	
ON THE TRANSFORMATION AND POPULARITY OF THE CHEONGSAM IN MODERN TIME	186
	400
Ying Ding THE CREATION MANUESTATION OF THE DVEING CRAFT IN MODERN FASHION DESIGN	40.4
THE CREATION MANIFESTATION OF TIE-DYEING CRAFT IN MODERN FASHION DESIGN	494
Yanli Hu	
STUDY OF DRYPOINT TRANSFER VALUE AND TECHNICAL APPLY ON LINEN	502
Jiangbo Liao, Xiaoming Yang	
THE ROLE OF CHEONGSAM CULTURE IN INTERPRETATION OF THE INNER ACTIVITIES	
OF MOVIE CHARACTERS	508
Shurian Huana	

ON THE MANIFESTATION OF THE PEARL EMBROIDERY ART IN THE READY-MADE CLOTHES DESIGN	514
Qionghua Deng AESTHETIC EXPRESSION OF CHINESE ELEMENTS IN MODERN WOMEN'S CLOTHING	
Qinghui Peng	
STUDY ON THE REFERENCE FUNCTION OF HARRY POTTER PHENOMENON ON CULTURE INDUSTRY DEVELOPMENT IN CHINA	526
Yuehong Xu, Xiao Liang RESEARCH ON FORMALISM AND NEW CRITICISM OF DICKENS' NOVELS Lina Wang	533
EXPERT SYSTEM OF ELECTRIC PUMP WELL CONDITION DIAGNOSIS Jia Zhang	537
EXPERIMENTAL RESEARCH INTO THE INFLUENCE OF DIFFERENT ATHLETIC LOADS ON THE ACTIVITIES OF SERUM ENZYME OF NON-EXERCISING RATS	542
Yanjie Jiang RESEARCH INTO THE RELATIONSHIP OF THE DEVELOPMENT BETWEEN THE SPORTS INDUSTRY CLUSTER AND THE REGIONAL ECONOMY	547
Zhaoyuan Huang	
SURVEY OF APPLICATION OF MODERN INFORMATION TECHNOLOGY IN COLLEGE LAB MANAGEMENT	551
Feng Yu, Wei Liu, Ming Cui, Chunyang Gao	
ELECTRONIC	
A MODEL OF SECOND ORDER HAMMERSTEIN SERIES FOR NONLINEAR SYSTEM	556
NONLINEAR SYSTEM IDENTIFICATION BASED ON REDUCED COMPLEXITY VOLTERRA	
MODELS	562
Guodong Jin, Libin Lu OPTIMAL DESIGN OF ONLINE MEASURING SYSTEM FOR WATER CONTENT OF	
LUBRICATING OIL SYSTEM	567
Nan Xie, Weimin Chen, Yijia Yuan	
ANALYSIS OF TURBIDITY MEASUREMENT BASED ON RATIO METHOD	572
Nan Xie, Weimin Chen, Zhennan Zhang, Yijia Yuan KINEMATICAL ANALYSIS OF SMALL BIPED ROBOT	577
Xiong Wang, Haiyan Gao	
STUDY ON ENERGY DISSIPATION LAW IN THE PROCESS OF COAL AND GAS OUTBURSTShugang Li, Ning Wang, Tianjun Zhang	
RESEARCH ON APPLICATION OF C4.5 ALGORITHM IN PERFORMANCE ANALYSIS	587
Kai Lu, Mingrui Chen THE KEY TECHNOLOGY AND ALGORITHM DESIGN FOR THE DEVELOPMENT OF INTELLIGENT EXAMINATION SYSTEM	592
Kai Lu, Mingrui Chen	
MANAGEMENT	
RESEARCH ON ECONOMIC THEORY AND IMPLEMENTATION METHOD OF THE FINANCIAL INCLUSION IN RURAL FINANCIAL MARKET	597
Xiaolin Li, Chenggang Li	
RESEARCH ON FACTORS AND DEPLOYMENT STRATEGY OF GRID WILDFIRE DISASTER IN HUNAN PROVINCE OF CHINA	604
Yashan Zhong, Dongxiao Niu AN EMPIRICAL RESEARCH OF FOOD SUPPLY CHAIN DISRUPTION PREVENTION Hongliang Wang	608
COMPREHENSIVE BENEFIT EVALUATION FOR PORT CONTAINER TRANSPORTATION BASED ON MALMQUIST INDEX AND CLUSTER ANALYSIS	613
Yuyan He, Zhigao Liao, Liying Huang	
ANALYSIS AND REVIEWS ON TOURISM AND TRAVEL MOBILE APPS OF CHINA	619

IS TOP EXECUTIVE COMPENSATION REALLY STICKY IN CHINA	624
RESEARCH ON NON STATUTORY WELFARE MONETIZATION OF FAMILY BUSINESS	630
RESEARCH ON SITUATION ASSESSMENT BASED ON FUZZY ALGORITHM IN THE MANAGEMENT OF UNCONVENTIONAL EMERGENCY	636
DEVELOPMENT EVALUATION AND ENLIGHTENMENT ON RENEWABLE ENERGY GENERATION DISPATCHING MODEL	640
Junsong Qin, Yashan Zhong, Dongxiao Niu RESEARCH ON THE EVOLUTION MECHANISM AND COUNTERMEASURES OF GREEN BUILDING MARKET BASED ON EVOLUTIONARY GAME THEORY	644
Zhongfu Qing, Jingping Li, Zhongyang Xu PRECISE BENEFIT MANAGEMENT: THE WAY TO SOLVE THE BLACK HOLE OF INFORMATION TECHNOLOGY	649
Hongliang Wang ESTABLISHMENT OF ONE-CARD EVALUATION INDEX SYSTEM IN COLLEGES AND UNIVERSITIES BASED ON ANALYTIC HIERARCHY PROCESS	654
Xia Ouyang, Zhixiang Fu, Zhilin Tan, Sha Wu GAME RESEARCH ON MULTIMODAL TRANSPORT FREIGHT ENTERPRISE AND	
GOVERNMENT BASED ON PRINCIPAL-AGENT THEORYLiying Huang, Zhigao Liao, Yuyan He KNOWLEDGE MANAGEMENT AND EMERGING INFORMATION TECHNOLOGIES: A	659
REVIEW AND PROSPECTUS Ding Li, Zhiyang Jia, Yijin Shi	
EXPERIMENT ON THE HEAT FATIGUE DAMAGE BEHAVIOR OF OPTICAL FIBER Zhiyuan Pan AN EXPLORATORY STUDY ON THE RELATIONSHIP BETWEEN CEO POWER AND CEO-	670
WORKER PAY RATIO: A MULTI-DIMENSIONAL PERSPECTIVE	676
CONSTRUCTION OF CORE COMPETENCY MODEL FOR CREATIVE PROFESSIONAL IN UNIVERSITIES	681
THE LITERATURE REVIEW OF RELATIONSHIP BETWEEN WORK FAMILY CONFLICT AND JOB PERFORMANCE	687
STUDY ON DEBT STRUCTURE, OWNERSHIP STRUCTURE AND SOLVENCY: BASED ON AUTOMOBILE LISTED COMPANIES	692
Jie Liu, Mingran Deng STUDY ON THE IMPROVEMENT OF PERSONAL INCOME TAX IN CHINA—BASED ON THE COMPARISON VISUAL OF AMERICA	697
ANALYSIS OF CHINA'S SHORT-TERM CAPITAL FLOW BASED ON THE ERRORS AND OMISSIONS ACCOUNT	702
WILL FDI'S INVESTMENT PROFITS OUTFLOW CAUSE THE CURRENT ACCOUNT DEFICIT	707
EFFECTS OF A RESTRICTIVE ANTIBIOTIC POLICY ON ANTIBIOTIC USAGE AND STAPHYLOCOCCUS AUREUS RESISTANCE	711
STUDY ON THE STABILITY OF CAROTENOID PIGMENTS Luoyun Zheng, Jiaying Xin, Tingting Yao, Zhengyang Wang, Shengbo Gao	716
INFLUENCE OF ORTHOPAEDIC DRILLING PARAMETERS ON SURFACE ROUGHNESS AND CUTTING FORCE OF BONE DRILLING PROCESS	721
THE NEEDHAM'S PUZZLE—BASED ON EXPLANATION OF THE IMPERIAL EXAMINATIONS SYSTEM, HUMAN CAPITAL ACCUMULATION AND LONG-TERM ECONOMIC GROWTH	728
Hanyi Chen RESEARCH ON FEMALE DOMESTIC COLD VIOLENCE Jie Liu, Jun Zhang	736

RESEARCH ON CHARACTERISTICS OF REAL ESTATE PRICE BUBBLES IN CHINA	742
Minyi Yu, Chunjie Ma	
RESEARCH ON THE IMPACTS OF BIM ON INFORMATION EXCHANGE BETWEEN	
STAKEHOLDERS IN CONSTRUCTION PROJECT	748
Yingnan Yang, Yanfei Jiang	
RESEARCH ANALYSIS ON THE IMPLEMENTATION OF MOBILE WALLET UNDER E-	
COMMERCE PLATFORM	753
Yi Yang, Zhu Mei, Jingdong Liu, Xing Wang	
<u>MECHANICAL</u>	
EXPERIMENTAL INVESTIGATION ON RELIABILITY OF VARIATION PROCESS OF ROLLING BEARING VIBRATION PERFORMANCE	759
Xintao Xia, Liang Ye, Zhen Chang	
EVALUATION METHOD FOR STABILITY OF MANUFACTURING PROCESS BASED ON	
FUZZY NORM METHOD	764
Xin Tao Xia, Wen Huan Zhu, Bin Liu	
MATHEMATICAL MODEL ON RELIABILITY OF VARIATION PROCESS OF ROLLING	
BEARING VIBRATION PERFORMANCE	769
Xintao Xia, Liang Ye, Zhen Chang	
PREDICTION EXPERIMENTS FOR RELIABILITY OF MACHINE TOOL BY PRODUCT	
PERFORMANCE DATA	774
Xintao Xia, Wenhuan Zhu, Zhen Chang	
RIGID-FLEX HYBRID MODEL FOUNDATION AND STATICS SIMULATION ANALYSIS FOR	770
THE NGW31 PLANETARY GEAR REDUCER BASED ON ROMAX DESIGNER	/ /9
TOOTH SHAPE OPTIMIZATION OF THE NGW31 PLANETARY GEAR BASED ON ROMAX	
DESIGNER	785
Chunming Xu, Ze Liu, Wenjun Chang, Bei Li	
THE BID SECTION DIVISION MODEL OF HIGHWAY RENOVATION PROJECT	790
Jingning Yan	
THE STUDY ON THE PRICING MODEL OF THE URBAN SEWAGE TREATMENT PLANT	
PUBLIC PRIVATE PARTNERSHIP PROJECT	795
Jingning Yan	
Author Index	