

上海理工大学学报

2018 年 第 40 卷 第 1~6 期

总 目 次

篇 名	作 者	卷(期): 页
几类特殊图的符号差	谢朝阳, 何常香	40(1): 1
涉及差分分担值的整函数唯一性	赵子鹏, 刘晓俊	40(1): 5
磷酸钪晶体物理性质及本征缺陷的研究	鲁晓晓, 刘廷禹, 付明雪, 等	40(1): 8
气泡在含障碍物微通道内的特性研究	娄 钦, 李 涛, 李 凌	40(1): 13
冻融—硫酸盐干湿循环作用下复掺水泥砂浆性能研究	叶 珊, 周志云	40(1): 19
基于三次指数平滑法的沪牌拍卖月均价预测	龚 晓, 郭进利	40(1): 27
基于理论视角研究宏观经济政策对企业投融资行为的影响	李 佳, 黄亚钧	40(1): 33
谨防数学方法预测常住人口出生率的偏误	罗国芬, 邢 青	40(1): 40
基于泄漏电缆的周界入侵探测系统设计	于慧洁, 李建杰, 凌小峰, 等	40(1): 46
门极变电阻式 IGBT 串联均压电路	梁 康, 王朝立, 张超峰	40(1): 51
空气污染下居民出行风险感知影响因素实证研究	智路平, 张华歆, 周溪召, 等	40(1): 56
降雨诱发浅层滑坡影响因素的解析分析	李 宁, 刘冠麟, 陈有亮, 等	40(1): 65
一种基于概率盒-PSO-SVM 的滚动轴承故障诊断方法	杜 奕, 唐 洪, 丁家满, 等	40(1): 76
基于 Moodle 环境的在线物理实验教学平台的设计与实现	田 伟, 刘懿芳, 孙 玥	40(1): 84
上海某超限高层建筑的结构分析及其措施	陈 嫣, 陈有亮, 陈 璞	40(1): 91
基于随机概率密度演化的结构-TMD 参数优化	孙 永, 秦 云, 王宪杰, 等	40(1): 97
关于如何理解物理量熵的若干思考	吴国玠, 皇甫泉生	40(2): 103
涉及周期移动超平面的全纯曲线差分形式的第二基本定理	蒋静云, 刘晓俊	40(2): 110
基于均值漂移模型的异常值检测方法	张探探, 樊亚莉, 钟先乐	40(2): 116
三类图的拉普拉斯谱半径的极限点	李静花, 何常香	40(2): 121

篇 名	作 者	卷(期): 页
带有滑动边界的可压缩磁流体方程解的局部存在性	陆 剑, 雍 燕	40 (2): 127
“一带一路”背景下基于知识溢出视角的企业动态合作行为演化博弈分析	何建佳, 刘 洋, 刘举胜	40 (2): 137
带隙渐变纳米线的制备及其非线性光学效应研究	汪 雨, 吴志瀚, 谷付星	40 (2): 145
基于图像拼接的可信图像修补方法	孙佳忆, 曹 芳, 唐振军, 等	40 (2): 150
基于广义典型相关分析融合和鲁棒概率协同表示的人脸指纹多模态识别	张 静, 刘欢喜, 丁德锐, 等	40 (2): 158
单帧单曝光图像法对粉雾剂粉末模型分散效果的研究	邹 珺, 廖跃华, 刘 阳, 等	40 (2): 166
产品设计制造环节的结构有序性测度研究	甘 屹, 岳彩晨	40 (2): 171
一种用于天线面形恢复测量的无人机导航方案	何凯文, 叶 骞	40 (2): 177
基于 ABAQUS 的游离磨粒对单晶锆表面冲击作用仿真分析	杨晓京, 冷智毅	40 (2): 185
动力锂电池的混合均衡控制与能量管理	范 辉, 周晶晶, 姚 刚, 等	40 (2): 191
高盐高有机物腌制废水电磁协同处理方法研究	程 义, 伊学农, 付彩霞, 等	40 (2): 201
混合分数阶 p -Laplace 算子方程积分边值问题的多解性	张潇涵, 刘锡平, 贾 梅, 等	40 (3): 205
改进的粒子群算法的小波支持向量机预警模型	苗旭东, 魏连鑫	40 (3): 211
75 t/h 循环流化床锅炉气固流动与燃烧的数值模拟	王文洁, 凌 玲, 杨 茉	40 (3): 217
依那西普抗体的活性结构保护	房 筱, 李代禧, 郭柏松, 等	40 (3): 225
基于格子玻尔兹曼方法的二维 T 型微通道内液滴生成	王昭君, 杨 帆, 郭雪岩	40 (3): 231
具有学习退化效应的 TFT-LCD 面板成盒多目标调度问题研究	吴思思, 叶春明, 李瑞婷	40 (3): 238
低值可回收物管理机制的演化博弈分析	张 爽, 孙绍荣, 马慧民	40 (3): 249
基于文本挖掘的互联网教育课程主题发现与聚类研究	李梦杰, 刘建国, 郭 强, 等	40 (3): 259
基于随机森林的 A 股股票涨跌预测研究	林娜娜, 秦江涛	40 (3): 267
多目标多周期多阶段逆向物流网络动态联建	姜 芳, 郭健全	40 (3): 274
街道峡谷形态对污染物扩散的数值模拟	雷林清, 崔鹏义, 黄远东	40 (3): 282
软土基坑开挖对邻近大底盘多塔楼变形影响分析	张治国, 邢 李, 孙海忠	40 (3): 290
基于柔度曲率曲线拟合的薄板结构损伤识别研究	周 奎, 徐宏文, 方 早, 等	40 (3): 296

篇 名	作 者	卷(期): 页
基于声发射信号的精密外圆切入磨削加工时间优化及仿真	陆葳坪,姜 晨,张奥君,等	40(3): 302
一类奇异拟线性椭圆方程组正解的存在性	王雨婷,贾 高	40(4): 307
块结构 r -循环矩阵的性质及其算法研究	史雨梅,秦 梅	40(4): 312
混合主体材料分布对白色磷光有机发光二极管器件光谱性能的影响	唐 宇,张 浩,潘宗玮,等	40(4): 317
基于低秩矩阵分解的遥感图像薄云去除方法	古 今,何 苗,王保云	40(4): 323
偏正无关光纤干涉仪及其微位移测量应用	叶有祥,周盛华,梅海平	40(4): 330
直线共轭内啮合齿轮副的重合度研究	段 刚,崔建昆,高铭良	40(4): 335
锂离子电池二氧化锡负极材料研究进展	刘旭燕,孙 超,韩艳林,等	40(4): 342
有向加权供应链网络演化模型	胡跃群,何红英,郭进利,等	40(4): 351
需求波动情况下千斤顶装配线的设计及应用	吕文元,余海杰,刘勤明	40(4): 358
SOA 敏捷架构的 TOGAF 层次化迭代建模	倪 枫	40(4): 364
人民币国际地位对境外中国金融资产持有量的影响	张晓莉,李倩云	40(4): 371
NZVI@mSiO ₂ 合成调控及有机质对其去除地下水中氯代烃影响研究	陈 帅,李 辉,周礼洋,等	40(4): 382
FRP 约束普通和高强混凝土柱轴压性能的有限元分析	陈曦宸,梁 军,施鹏飞	40(4): 391
超高性能混凝土与钢筋的黏结性能试验研究	郑七振,让 梦,李 鹏	40(4): 398
固化重金属铜镉污染底泥渗透特性试验研究	邵 俐,施倩芸,蒙 强	40(4): 403
一种抗遮挡尺度自适应核相关滤波器跟踪算法	居 超,黄影平,胡 兴	40(5): 409
逆流型废液与非饱和空气的热质交换性能研究	杨丁丁,柳建华,徐小进,等	40(5): 416
裂殖壶藻萃取油脂工艺的对比分析	彭 辉,郝小红,马 溢,等	40(5): 423
发电机组凝汽器背压的优化计算	张 玉,邵 睿,李 凌	40(5): 429
自动识别并分割太赫兹图像中的可疑物	严志讯,林 晓,童慧鑫,等	40(5): 435
有机非线性材料 DAST 单晶微片的生长及研究	吴晨寅,蔡 斌	40(5): 444
非对称载荷下驱动轴强度与刚度的匹配与优化	王佳羽,郑松林,赵礼辉,等	40(5): 449
医院治理逝者信息泄漏制度有效性研究	林亚男,孙绍荣	40(5): 455

篇 名	作 者	卷(期): 页
基于知识聚合的智慧学习模型及其知识增值分析	张昕瑞, 杭佳宇	40(5): 461
基于流场验证的紊流施密特数对街道峡谷污染物扩散数值模拟的影响	谢海英, 关 欣, 沐贤维, 等	40(5): 466
旧混凝土板粒石化再生骨料吸水特性研究	郑春乐, 拾方治, 李秀君	40(5): 475
龙井茶茶树种质资源低温保存特性研究	宋丹萍, JAGANATHAN Ganesh K., 刘 威, 等	40(5): 481
光度滴定法判断 COD 的滴定终点	郭少为, 方佩佩, 尤艳红, 等	40(5): 489
超构材料类电磁感应透明现象的实验研究	怀思然, 丁亚琼	40(5): 494
高碱煤自身灰捕捉碱金属特性的实验与量化	王要克, 杜梅芳, 刘欢欢, 等	40(5): 500
原子核结合能的协方差分析	王梦茹, 郭文军, 郝梓涵, 等	40(5): 506
具有可替换能源的智能电网实时电价研究	赵 琳, 高 岩	40(6): 511
最大团问题的竞争决策算法	黄飞, 宁爱兵, 刘志民, 等	40(6): 519
运用改进的萤火虫算法求解 TFT-LCD 单元装配调度问题	李瑞婷, 叶春明, 吴思思	40(6): 525
容器内液体折射率的低相干光干涉测量法	李振洋, 项华中, 郑 刚, 等	40(6): 534
神经电极组合参数对脑组织微动损伤影响研究	尹雪乐, 张文光, 于谦	40(6): 539
准东高铁煤与稻草秆热解 NO _x 前驱物释放规律研究	冯泳程, 梁鹏飞, 郁鸿凌, 等	40(6): 545
热网络法预测车内温度的理论和实验研究	翁建华, 舒宏坤, 石梦琦, 等	40(6): 552
基于电化学机理模型的锂离子电池参数辨识及 SOC 估计	邓 昊, 杨 林, 邓忠伟, 等	40(6): 557
响应面法优化乳酸乳球菌电转化效率研究	韦云莹, 王立峰, 熊智强, 等	40(6): 566
复合酶法优化毛竹笋壳多糖提取工艺及其抗氧化活性研究	刘焕燕, 杨 波, 李 琴, 等	40(6): 572
非对称信息下双渠道供应链应对突发事件协调模型	李业凤, 李 芳	40(6): 579
城市化成熟阶段的综合水平测度及发展趋势分析——以上海为例	吴 煜, 李永浮	40(6): 589
多交通方式实时信息影响下的通勤者出行行为	孙亦凡, 千宏程	40(6): 595
沥青路面养护层层间粘结材料试验方法设计	惠致富, 拾方治, 吕建伟, 等	40(6): 601
复叠式空气源热泵相变蓄能除霜低温适应性实验研究	唐雍博, 曲明璐, 秦瑞丰, 等	40(6): 607

第 40 卷 卷终

JOURNAL OF UNIVERSITY OF SHANGHAI FOR SCIENCE AND TECHNOLOGY

2018 Vol. 40 No.1~6

Total Contents

Title	Author(s)	Vol. No. p.
Signature of Several Special Graphs	<i>XIE Zhaoyang, HE Changxiang</i>	40 (1): 1
Uniqueness of the Entire Function Concerned with Difference Sharing Value	<i>ZHAO Zipeng, LIU Xiaojun</i>	40 (1): 5
Physical Properties and Intrinsic Defect of YPO_4 Crystal	<i>LU Xiaoxiao, LIU Tingyu, FU Mingxue, et al</i>	40 (1): 8
Bubble Characteristics in a Micro-Channel with Obstacles	<i>LOU Qin, LI Tao, LI Ling</i>	40 (1): 13
Propoties of Cement Mortar Under Freezing-Thawing and Wet-Dry Cycles with Salt Soaking	<i>YE Shan, ZHOU Zhiyun</i>	40 (1): 19
Forecasting of Shanghai License Plate Monthly Average Price Based on the Three Exponential Smoothing Method	<i>GONG Xiao, GUO Jinli</i>	40 (1): 27
Impact of Macroeconomic Policy on Enterprises' Investment and Financing Behaviors from the Theoretical Perspective	<i>LI Jia, HUANG Yajun</i>	40 (1): 33
Beware of Forecast Errors of the Permanent Population Birth Rate by Using Unapplicable Mathematical Methods	<i>LUO Guofen, XING Qing</i>	40 (1): 40
Design of a Perimeter Intrusion Detection System Based on Leaky Cable	<i>YU Huijie, LI Jianjie, LING Xiaofeng, et al</i>	40 (1): 46
Variable Gate-Resistor-Based Control for the Voltage Balancing of Series-Connected IGBTs	<i>LIANG Kang, WANG Chaoli, ZHANG Chaofeng</i>	40 (1): 51
Empirical Study on the Influencing Factors of Residents' Travel Risk Perfection Under Air Pollution	<i>ZHI Luping, ZHANG Huaxin, ZHOU Xizhao, et al</i>	40 (1): 56
Analytic Analysis on the Influencing Factors of Rainfall-Induced Shallow Landslide	<i>LI Ning, LIU Guanlin, CHEN Youliang, et al</i>	40 (1): 65
Application of P-box Theory and PSO-SVM in the Fault Diagnosis of Rolling Bearings	<i>DU Yi, TANG Hong, DING Jiaman, et al</i>	40 (1): 76
Design and Implementation of an Online Physics Virtual Experiment Platform Based on the Moodle Environment	<i>TIAN Wei, LIU Yifang, SUN Yue</i>	40 (1): 84
Structural Analysis and Measures for an Out-of-code Super High-rise Building in Shanghai	<i>CHEN Yan, CHEN Youliang, CHEN Ying</i>	40 (1): 91
Structure-TMD Parameters Optimization Based on the Stochastic Probability Density Evolution	<i>SUN Yong, QIN Yun, WANG Xianjie, et al</i>	40 (1): 97
Considerations on how to Understand the Physical Quantity Entropy	<i>WU Guobin, HUANGFU Quansheng</i>	40 (2): 103
A Second Main Theorem for Holomorphic Curves Intersecting Periodic Moving Hyperplanes Concerning Difference Operators	<i>JIANG Jingyun, LIU Xiaojun</i>	40 (2): 110
Outlier Detection Method Based on the Mean Shift Model	<i>ZHANG Tantan, FAN Yali, ZHONG Xianle</i>	40 (2): 116
Limit Points of Laplacian Spectral Radii of Three Types of Graphs	<i>LI Jinghua, HE Changxiang</i>	40 (2): 121

Title	Author(s)	Vol. No. p.
Local Existence Solutions for Compressible Magnetohydrodynamic Equations with Slip Boundary Conditions	LU Jian, YONG Yan	40 (2) : 127
Evolutionary Game Analysis of Enterprise Dynamic Cooperation Behaviors Based on the Perspective of Knowledge Spillovers Under the Background of “The Belt and Road”	HE Jianjia, LIU Yang, LIU Jusheng	40 (2) : 137
Synthesis of Nanowires with the Tunable Bandgap and Nolinear Optical Effect	WANG Yu, WU Zhihan, GU Fuxing	40 (2) : 145
Trustable Image Inpainting Method Based on Image Mosaics	SUN Jiayi, CAO Fang, TANG Zhenjun, et al	40 (2) : 150
Multimodal Recognition of Faces and Fingerprints Based on Generalized Canonical Correlation Analysis and Robust Probabilistic Collaborative Representation	ZHANG Jing, LIU Huanxi, DING Derui, et al	40 (2) : 158
Analysis on the Dispersion Effect of a Powder Model for Dry Powder Inhalers by the Single Frame and Single Exposure Image Method	ZOU Jun, LIAO Yuehua, LIU Yang, et al	40 (2) : 166
Structure Order of Product Design and Manufacturing	GAN Yi, YUE Caichen	40 (2) : 171
A UAV Navigation Scheme for Antenna Surface Recovery Measurements	HE Kaiwen, YE Qian	40 (2) : 177
Simulation and Analysis on the Impact of Free Abrasive Grits on a Single Crystal Germanium Surface Based on ABAQUS	YANG Xiaojing, LENG Zhiyi	40 (2) : 185
Hybrid Active Balance Method for the Control and Energy Management of Lithium Batteries	FAN Hui, ZHOU Jingjing, YAO Gang, et al	40 (2) : 191
Electromagnetic Synergistic Treatment of High Salt and High Organic Wastewater	CHENG Yi, YI Xuenong, FU Caixia, et al	40 (2) : 201
Multiplicity of Solutions for Integrated Boundary Value Problems of Mixed Fractional p -Laplacian Operator Equations	ZHANG Xiaohan, LIU Xiping, JIA Mei, et al	40 (3) : 205
Improved Particle Swarm Optimization Parameters for Wavelet Support Vector Machine Early Warning Model	MIAO Xudong, WEI Lianxin	40 (3) : 211
Numerical Simulation on the Gas-Solid Flow and Combustion in a 75 t/h Circulating Fluidized Bed Boiler	WANG Wenjie, LING Ling, YANG Mo	40 (3) : 217
Bioactive Structural Protection of Antibody Etanercept	FANG Xiao, LI Daixi, GUO Baisong, et al	40 (3) : 225
Lattice Boltzmann Model for the Generation of Droplets in Two-Dimensional T-Junction Microchannel	WANG Zhaojun, YANG Fan, GUO Xueyan	40 (3) : 231
TFT-LCD Cell Assembly Multi-objective Scheduling Problem with Learning and Deterioration Effects	WU Sisi, YE Chunming, LI Ruiting	40 (3) : 238
Evolutionary Game Analysis of Low Value Recyclable Management Mechanism	ZHANG Shuang, SUN Shaorong, MA Huimin	40 (3) : 249
Topic Discovery and Clustering Research for Online Courses Based on Text Mining	LI Mengjie, LIU Jianguo, GUO Qiang, et al	40 (3) : 259
Forecast of A-Share Stock Change Based on Random Forest	LIN Nana, QIN Jiangtao	40 (3) : 267
Integrated Multi-objective Multi-period Multi-stage Reverse Logistics Network Dynamic Joint Model	JIANG Fang, GUO Jianquan	40 (3) : 274
Numerical Simulation of the Effect of Street Canyon Shape on Pollutant Dispersion	LEI Linqing, CUI Pengyi, HUANG Yuandong	40 (3) : 282
Influence of Deformation on a Multi-tower with Large Chassis Induced by Adjacent Foundation Pit Excavation	ZHANG Zhiguo, XING Li, SUN Haizhong	40 (3) : 290

Title	Author(s)	Vol. No. p.
Damage Identification of Thin Plate-Type Structures Based on the Flexibility Curvature Curve Fitting	<i>ZHOU Kui, XU Hongwen, FANG Zao, et al</i>	40 (3) : 296
Optimization and Simulation on the Time of Precise Cylindrical Plunge Grinding Based on Acoustic Emission Signals.....	<i>LU Weiping, JIANG Chen, ZHANG Aojun, et al</i>	40 (3) : 302
Positive Solutions for a Class of Quasilinear Singular Elliptic Systems	<i>WANG Yuting, JIA Gao</i>	40 (4) : 307
Properties of r-Circulant Matrices of Block Structure and Their Algorithm Research	<i>SHI Yumei, QIN Mei</i>	40 (4) : 312
Influence of the Distribution of Mixed Host Materials on Spectra in White Phosphorescent Organic Light Emitting Diodes Devices.....	<i>TANG Yu, ZHANG Hao, PAN Zongwei, et al</i>	40 (4) : 317
Application of Low-Rank Matrix Decomposition in the Thin Cloud Removal from Remote Sensing Images	<i>GU Jin, HE Miao, WANG Baoyun</i>	40 (4) : 323
Polarization-Independent Fiber-Optic Interferometer and its Application in Micro-displacement Measurement	<i>YE Youxiang, ZHOU Shenghua, MEI Haiping</i>	40 (4) : 330
Contact Ratio of an Internal Meshing Gear Pair with a Straight Line Tooth Profile Out Gear	<i>DUAN Gang, CUI Jiankun, GAO Mingliang</i>	40 (4) : 335
Review of the Developments of Tin Dioxide Anode Materials for Lithium-Ion Batteries	<i>LIU Xuyan, SUN Chao, HAN Yanlin, et al</i>	40 (4) : 342
Evolutionary Model for Directed-Weighted Supply Chain Networks	<i>HU Yuequn, HE Hongying, GUO Jinli, et al</i>	40 (4) : 351
Design and Application of an Oil Jack Assembly Line in the Context of Demand Fluctuation	<i>LÜ Wenyuan, YU Haijie, LIU Qinming</i>	40 (4) : 358
TOGAF Hierarchical Iterative Modeling Approach for SOA Agile Architectures.....	<i>NI Feng</i>	40 (4) : 364
Impact of RMB Internationalization on the Cross-Border Holding of Chinese Financial Assets	<i>ZHANG Xiaoli, LI Qianyun</i>	40 (4) : 371
Synthesis of NZVI@mSiO ₂ and the Effects of Natural Organic Matters on the Chlorinated Hydrocarbons Removal	<i>CHEN Shuai, LI Hui, ZHOU Liyang, et al</i>	40 (4) : 382
Finite Element Analysis on the Axial Compression Behaviors of FRP-Confined Normal-Strength and High-Strength Concrete Columns.....	<i>CHEN Xichen, LIANG Jun, SHI Pengfei</i>	40 (4) : 391
Experimental Study on the Bond Behavior Between Ultra-high Performance Concrete and Steel Bars	<i>ZHENG Qizhen, RANG Meng, LI Peng</i>	40 (4) : 398
Experimental Study on the Permeability Property of Solidified Sludge Contaminated by Heavy Metal Cu and Cd	<i>SHAO Li, SHI Qianyun, MENG Qiang</i>	40 (4) : 403
Anti-occlusion and Scale Adaptive Kernel Correlation Filter Algorithm for Object Trackings	<i>JU Chao, HUANG Yingping, HU xing</i>	40 (5) : 409
Heat and Mass Transfer Performance Between Waste Liquid and Unsaturated Air	<i>YANG Dingding, LIU Jianhua, XU Xiaojin, et al</i>	40 (5) : 416
Comparative Analysis of the Extraction Technologies of Lipids from <i>Schizochytrium sp.</i>	<i>PENG Hui, HAO Xiaohong, MA Yi, et al</i>	40 (5) : 423
Optimization Calculation of Condenser Backpressure in a Generator Unit	<i>ZHANG Yu, SHAO Rui, LI Ling</i>	40 (5) : 429
Automatic Identification and Segmentation of Suspicious Objects in Terahertz Images	<i>YAN Zhixun, LIN Xiao, TONG Huixin, et al</i>	40 (5) : 435
Growth of the Single-Crystal Micro-plate of Organic Nonlinear Material DAST	<i>WU Chenyin, CAI Bin</i>	40 (5) : 444
Matching and Optimization of the Strength and Stiffness of a Driven Axle Under Asymmetrical Load	<i>WANG Jiayu, ZHENG Songlin, ZHAO Lihui, et al</i>	40 (5) : 449

Effectiveness of the Management System for Hospital's Deceased Person Information Leakage	.....	<i>LIN Yanan, SUN Shaorong</i>	40 (5) : 455
Smart Learning Model and Knowledge Adding Analysis Based on Knowledge Aggregation	.....	<i>ZHANG Xinrui, HANG Jiayu</i>	40 (5) : 461
Effects of Turbulence Schmidt Number on the Pollutant Diffusion Simulation in a Street Canyon Based on Numerical Flow and Concentration Fields Validations	.....	<i>XIE Haiying, GUAN Xin, MU Xianwei, et al</i>	40 (5) : 466
Water Absorbing Characteristics of Granulated Petrochemical Recycled Aggregate of Old Concrete Slabs	.....	<i>ZHENG Chunle, SHI Fangzhi, LI Xiujun</i>	40 (5) : 475
Study on Cryopreservation Characteristics of Longjing Tea Seeds Resources	.....	<i>SONG Danping, JAGANATHAN Ganesh K., LIU Wei, et al</i>	40 (5) : 481
Spectrophotometric Titration Determination of the Titration Endpoint of COD	.....	<i>GUO Shaowei, FANG Peipei, YOU Yanhong, et al</i>	40 (5) : 489
Electromagnetically Induced Transparency in Metamaterials	.....	<i>HUAI Siran, DING Yaqiong</i>	40 (5) : 494
Quantum Chemistry Calculation and Experimental Study on the Characteristics of High Alkali Coal Ash Capturing Alkali Metal	.....	<i>WANG Yaoke, DU Meifang, LIU Huanhuan, et al</i>	40 (5) : 500
Covariance Analysis of Nuclear Binding Energy	.....	<i>WANG Mengru, GUO Wenjun, XI Zihan, et al</i>	40 (5) : 506
Real-time Pricing Strategy Based on Alternative Energy in Smart Grid	.....	<i>ZHAO Lin, GAO Yan</i>	40 (6) : 511
Competitive Decision Algorithm for Maximum Clique Problems	.....	<i>HUANG Fei, NING Aibing, LIU Zhimin, et al</i>	40 (6) : 519
TFT-LCD Cell Assembly Scheduling Problem Solved by Using an Improved Firefly Algorithm	.....	<i>LI Ruiting, YE Chunming, WU Sisi</i>	40 (6) : 525
Measuring the Refractive Index of Liquid in Containers with an Optical Low Coherence Interferometry	.....	<i>LI Zhenyang, XIANG Huazhong, ZHENG Gang, et al</i>	40 (6) : 534
Effects of Combined Parameters of Neural Electrode on the Micromotion Induced Injury of Brain Tissue	.....	<i>YIN Xuele, ZHANG Wenguang, YU Qian</i>	40 (6) : 539
Release of NO _x Precursors in Pyrolysis Process of Zhun Dong High-Iron Coal and Straw Stalk	.....	<i>FENG Yongcheng, LIANG Pengfei, YU Hongling, et al</i>	40 (6) : 545
Theoretical and Experimental Study on the Thermal Network Method for Temperature Prediction in a Car	.....	<i>WENG Jianhua, SHU Hongkun, SHI Mengqi, et al</i>	40 (6) : 552
Lithium-Ion Battery Parameter Identification and SOC Estimation Based on Electrochemical Models	.....	<i>DENG Hao, YANG Lin, DENG Zhongwei, et al</i>	40 (6) : 557
Optimization of Electroporation Efficiency of <i>Lactococcus Lactis</i> Using Response Surface Methodology	.....	<i>WEI Yunying, WANG Lifeng, XIONG Zhiqiang, et al</i>	40 (6) : 566
Optimal Extraction of Polysaccharide from Bamboo Shoot Shells by Multi-Enzyme Method and Its Antioxidant Activity	.....	<i>LIU Huanyan, YANG Bo, LI Qin, et al</i>	40 (6) : 572
Emergency Coordination Model for Dual Channel Supply Chain Under Asymmetric Information	.....	<i>LI Yefeng, LI Fang</i>	40 (6) : 579
Comprehensive Measurement and Development Trend Analysis of the Maturity Stage of Urbanization ——A Case of Shanghai	.....	<i>WU Yu, LI Yongfu</i>	40 (6) : 589
Car Commuters' Travel Behaviors with Presence of Multi-Modal Travel Information	.....	<i>SUN Yifan, GAN Hongcheng</i>	40 (6) : 595
Design of Test Method for Adhesion Materials of Asphalt Pavement Maintenance Layers	.....	<i>HUI Zhifu, SHI Fangzhi, LÜ Jianwei, et al</i>	40 (6) : 601
Experimental Study on the Low Temperature Adaptability of Energy Storage Defrosting for Cascade Air Source Heat Pumps	.....	<i>TANG Yongbo, QU Minglu, QIN Ruifeng, et al</i>	40 (6) : 607

End of Vol. 40