**2023郑大学报（工学版）文章分类（中英文）**

**智能科学与信息**

1. 刘强, 王世元, 黄雪微,等. 混沌时间序列的核自适应滤波预测算法[J]. 郑州大学学报(工学版) ,2023,44(1) : 24-30.

Liu Qiang, Wang Shiyuan, and Huang Xuewei, et al. Kernel adaptive filtering prediction algorithm of chaotic time series [J]. Journal of Zhengzhou university(engineering science) ,2023,44(1) :24-30.

1. 杨指政, 杜子东, 文渊博. 基于国产 PuDianNao 芯片的向量函数库优化[J]. 郑州大学学报(工学版) ,2023,44 (1) :31-37.

Yang Zhizheng, Du Zidong, Wen Bo. Optimization of vector function library based on domestic PuDianNao chip[J]. Journal of Zhengzhou university(engineering science) ,2023,44(1) :31-37.

1. 孙超, 李世杰, 张鹏,等. 出行系统最优配置下共享停车选择及泊位分配[J]. 郑州大学学报(工学版) ,2023,44 (1) :38-43.

Sun Chao, Li Shijie, and Zhang Peng, et al. Shared parking selection and berth allocation for optimal configuration of travel system[J]. Journal of Zhengzhou university(engineering science) ,2023,44(1) :38-43.

1. 黄万伟, 郑向雨, 张超钦,等. 基于深度强化学习的智能路由技术研究[J]. 郑州大学学报(工学版) ,2023,44 (1) :44-51.

Huang Wanwei, Zheng Xiangyu, Zhang Chaoqin, et al. Research on intelligent routing technology based on deep reinforcement learning[J]. Journal of Zhengzhou university(engineering science) ,2023,44(1) :44-51.

1. 范文兵,常正泰,艾璐琳,等. 基于 PUF 的高安全性轻量级 RFID 三方认证协议[J]. 郑州大学学报(工学版) , 2023,44(2) :46-52.

Fan Wenbing, Chang Zhengtai, Ai Lulin,et al. High-security lightweight RFID triple authentication protocol based on PUF[J]. Journal of Zhengzhou University(Engineering Science) , 2023, 44(2) : 46-52.

1. 邓秀勤,郑丽苹,张逸群,等. 基于新的距离度量的异构属性数据子空间聚类 [J]. 郑州大学学报(工学版) , 2023,44(2) :53-60.

Deng Xiuqin, Zheng Liping, Zhang Yiqun, et al. Subspace clustering of heterogeneous-attribute data based on a new distance metric [J ] . Journal of Zhengzhou University(Engineering Science ) , 2023, 44 (2) :53-60.

1. 李明辉,马文凯,周翊民,等. 基于多传感器融合的无人机生命搜寻方法[J]. 郑州大学学报(工学版) , 2023, 44(2) : 61-67.

Li Minghui, Ma Wenkai, Zhou Yimin, et al J. UAV life search method based on multi-sensor fusion[J]. Journal of Zhengzhou University(Engineering Science) , 2023, 44(2) : 61-67.

1. 逯泽锟,于千城,王晓峰,等. 基于双重注意力机制的符号网络节点嵌入[J]. 郑州大学学报(工学版) ,2023,44(2) :68-74.

Lu Zekun, Yu Qiancheng, Wang Xiaofeng,et al. Learning signed network node embedding via dual attention mechanism[J]. Journal of Zhengzhou University(Engineering Science) , 2023,44(2) :68-74.

1. ]刘艳红,张宽,霍本岩,等. 肌腱/绳驱动连续体机器人研究现状与展望. 郑州大学学报（工学版）,2023,44(3):1-11.

Liu Yanhong, Zhang Kuan, Huo Benyan, et al Research status and prospects of tendon/rope driven continuous robots[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 1-11.

1. 张端金,刘孟凯,杜峥. 量化误差下具有多丢包的信息物理系统H∞滤波. 郑州大学学报（工学版）,2023,44(3):28-34.

Zhang Duanjin, Liu Mengkai, Du Zheng H ∞ filtering for information physics systems with multiple packet losses under quantization errors[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 28-34.

1. 院老虎,常玉坤,刘家夫. 基于改进YOLOv5s的雾天场景车辆检测方法. 郑州大学学报（工学版）,2023,44(3):35-41.

Yuan Hu, Chang Yukun, Liu Jiafu A vehicle detection method for foggy scenes based on improved YOLOv5s[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 35-41.

1. 韩刚涛,马瑞鹏,吴迪. 基于时频图切割的宽带信号智能检测与识别. 郑州大学学报（工学版）,2023,44(3):42-49.

Han Gangtao, Ma Ruipeng, Wu Di Intelligent detection and recognition of broadband signals based on time-frequency graph cutting[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 42-49.

1. 朱春华,杨锦民. 一种基于加权质心的TOF与TDOA联合定位算法. 郑州大学学报（工学版）,2023,44(3):50-55.

Zhu Chunhua, Yang Jinmin A weighted centroid based TOF and TDOA joint localization algorithm[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 50-55.

1. 汪烨,周思源,翁知远,等. 一种面向用户反馈的智能分析与服务设计方法. 郑州大学学报（工学版）,2023,44(3):56-61.

 Wang Ye, Zhou Siyuan, Weng Zhiyuan, et al An Intelligent Analysis and Service Design Method for User Feedback[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 56-61.

1. 向飒. 用户画像下学术期刊智能出版的融合发展及系统构建. 郑州大学学报（工学版）,2023,44(3):121-127.

 Xiang Sa The Integrated Development and System Construction of Intelligent Publishing of Academic Journals under User Profile[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 121-127.

1. 屈丹,杨绪魁,闫红刚,等. 低资源少样本连续语音识别最新进展. 郑州大学学报（工学版）,2023,44(4):1-9.

Qu Dan, Yang Xukui, Yan Honggang, et al The latest progress in low resource and few sample continuous speech recognition[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 1-9.

1. 张涛,葛育伟,韩旭,等. 基于对抗机制的彩色图像隐写分析算法. 郑州大学学报（工学版）,2023,44(4):10-15.

Zhang Tao, Ge Yuwei, Han Xu, et al Color image steganography analysis algorithm based on adversarial mechanism[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 10-15.

1. 张震,晋志华,陈可鑫. 改进YOLOv5算法在停车场火灾检测中的应用. 郑州大学学报（工学版）,2023,44(4):16-21.

Zhang Zhen, Jin Zhihua, Chen Kexin Application of Improved YOLOv5 Algorithm in Parking Lot Fire Detection[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 16-21.

1. 田鸿朋,张震,张思源,等. 复合可靠性分析下的不平衡数据证据分类. 郑州大学学报（工学版）,2023,44(4):22-28.

Tian Hongpeng, Zhang Zhen, Zhang Siyuan, et al Evidence classification of imbalanced data under composite reliability analysis[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 22-28.

1. 常青,杨程伟,罗彬杰,等. 基于小波变换的扩散焊超声C图像融合算法. 郑州大学学报（工学版）,2023,44(4):54-59,87.

Chang Qing, Yang Chengwei, Luo Binjie, etc Diffusion welding ultrasonic C image fusion algorithm based on wavelet transform[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 54-59,87.

1. 毛玲,赵联文,孟华,等. 基于信源信息熵最小的单通道盲源数估计算法. 郑州大学学报（工学版）,2023,44(4):60-66.

Mao Ling, Zhao Lianwen, Meng Hua, et al Single channel blind source estimation algorithm based on minimizing source information entropy[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 60-66.

1. 赵坤,随旭东,梁静,等. 双无人飞行平台的多传感器规划调度. 郑州大学学报（工学版）,2023,44(4):67-73.

Zhao Kun, Sui Xudong, Liang Jing, et al Multi sensor planning and scheduling for dual unmanned aerial platforms[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 67-73.

1. 于坤杰,杨振宇,乔康加,等. 自适应两阶段大规模约束多目标进化算法. 郑州大学学报（工学版）,2023,44(5):1-9.

Yu Kunjie, Yang Zhenyu, Qiao Kangjia, et al Adaptive two-stage large-scale constrained multi-objective evolutionary algorithm[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 1-9.

1. 欧阳聪,关静,杨鸣. 基于资源分配和动态分组的合作协同演化算法. 郑州大学学报（工学版）,2023,44(5):10-16.

Ouyang Cong, Guan Jing, Yang Ming Collaborative Collaborative Evolution Algorithm Based on Resource Allocation and Dynamic Grouping[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 10-16.

1. 申晓宁,毛鸣健,沈如一,等. 基于深度强化学习的大规模敏捷软件项目调度. 郑州大学学报（工学版）,2023,44(5):17-23.

Shen Xiaoning, Mao Mingjian, Shen Ruyi, et al Large scale agile software project scheduling based on deep reinforcement learning[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 17-23.

1. 李晰,李帅,冯艳红,等. 基于联合分布适配的单向迁移差分进化算法. 郑州大学学报（工学版）,2023,44(5):24-31.

Li Xi, Li Shuai, Feng Yanhong, et al Unidirectional Migration Differential Evolution Algorithm Based on Joint Distribution Adaptation[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 24-31.

1. 邓传义,孙超利,刘晓彤,等. 惯性分组和重叠特征选择辅助的昂贵大规模优化算法. 郑州大学学报（工学版）,2023,44(5):32-39.

Deng Chuanyi, Sun Chaoli, Liu Xiaotong, et al An expensive large-scale optimization algorithm assisted by inertial grouping and overlapping feature selection[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 32-39.

1. 张震,陈可鑫,陈云飞. 优化聚类和引入CBAM的YOLOv5管制刀具检测. 郑州大学学报（工学版）,2023,44(5):40-45,61.

Zhang Zhen, Chen Kexin, Chen Yunfei Optimizing Clustering and Introducing CBAM for YOLOv5 Controlled Tool Detection[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 40-45,61.

1. 黄紫娟,涂娟,代尊翔. 基于频率密度的局部离群因子的工频自适应抑制方法. 郑州大学学报（工学版）,2023,44(5):46-52.

Huang Zijuan, Tu Juan, Dai Zunxiang Power frequency adaptive suppression method based on local outlier factor of frequency density[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 46-52.

1. 崔建明,蔺繁荣,张迪,等. 基于有向图的强化学习自动驾驶轨迹预测. 郑州大学学报（工学版）,2023,44(5):53-61.

Cui Jianming, Lin Fanrong, Zhang Di, et al Reinforcement learning for autonomous driving trajectory prediction based on directed graph[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 53-61.

1. 王捷,葛丽娜,张桂芬. 区块链的激励机制权益证明共识算法改进方案. 郑州大学学报（工学版）,2023,44(5):62-68.

Wang Jie, Ge Lina, Zhang Guifen Improvement Scheme for the Equity Proof Consensus Algorithm of Blockchain Incentive Mechanism[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 62-68.

1. 贲可荣，杨佳辉，张献，赵翀. 基于Transformer和卷积神经网络的代码克隆检测. 郑州大学学报(工学版), 2023,44(7):12-18.

Ben Kerong, Yang Jiahui, Zhang Xian, Zhao Chong Code Clone Detection Based on Transformer and Convolutional Neural Networks[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (7): 12-18.

1. 葛丽娜，陈园园，王捷，玉哲. 改进的密度峰值聚类算法的差分隐私保护方案. 郑州大学学报(工学版), 2023,44(8):19-24.

Ge Lina, Chen Yuanyuan, Wang Jie, Yu Zhe Differential privacy protection scheme for improved density peak clustering algorithm[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (8): 19-24.

1. 武继刚，李妙君，赵淑平. 基于低秩稀疏表达的弹性最小二乘回归学习. 郑州大学学报(工学版), 2023,44(9):25-32.

Wu Jigang, Li Miaojun, Zhao Shuping Elastic Least Squares Regression Learning Based on Low Rank Sparse Representation[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (9): 25-32.

1. 郑忠龙，曾心，刘华文. 两阶段的近邻密度投票模拟离群点检测算法. 郑州大学学报(工学版), 2023,44(10):33-39.

Zheng Zhonglong, Zeng Xin, Liu Huawen A two-stage nearest neighbor density voting simulation outlier detection algorithm[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (10): 33-39.

1. 王晓峰，庞立超，莫淳惠，杨易，赵星宇，杨澜. 可满足性问题的结构特征进展综述. 郑州大学学报(工学版), 2023,44(11):40-47.

Wang Xiaofeng, Pang Lichao, Mo Chunhui, Yang Yi, Zhao Xingyu, Yang Lan A Review of the Structural Characteristics of Satisfiability Problems[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (11): 40-47.

**机械与动力工程**

1. 任志英,邱涛,刘扭扭,等. 推进轴系纵向高承载准零刚度隔振器的研究. 郑州大学学报（工学版）, 2023,44(1):52-57,64.

Ren Zhiying, Qiu Tao, Liu twisted, etc Research on Longitudinal High Load Bearing Quasi Zero Stiffness Vibration Isolators for Propulsion Shafting[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (1): 52-57,64.

1. 王和慧,刘雨欣,汤毅,等. 悬吊式空调机组支吊架的谱分析及抗震评定. 郑州大学学报（工学版）, 2023,44(1):58-64.

Wang Hehui, Liu Yuxin, Tang Yi, et al Spectral analysis and seismic evaluation of suspension air conditioning unit supports and hangers[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (1): 58-64.

1. 马新灵,王聪,石文琪,等. ORC系统蒸发器夹点温差的数值分析和实验研究. 郑州大学学报（工学版）, 2023,44(1):65-69,82.

Ma Xinling, Wang Cong, Shi Wenqi, et al Numerical analysis and experimental study on the temperature difference between the evaporator pinch points in the ORC system[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (1): 65-69,82.

1. 吴少洋,张建伟,卢凤强,等. 18CrNiMo7-6合金钢J-C损伤模型失效参数研究. 郑州大学学报（工学版）, 2023,44(1):70-76.

Wu Shaoyang, Zhang Jianwei, Lu Fengqiang, et al Study on Failure Parameters of J-C Damage Model for 18CrNiMo7-6 Alloy Steel[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (1): 70-76.

1. 张卫东,赵凤霞,苏清磊,等. 激光扫平仪垂直扫平误差测量方法研究. 郑州大学学报（工学版）,2023, 44(1):77-82.

Zhang Weidong, Zhao Fengxia, Su Qinglei, et al Research on the measurement method of vertical leveling error of laser leveling instrument[J]. Journal of Zhengzhou University (Engineering Science), 2023, 44 (1): 77-82.

1. 王定标,王帅,张浩然,等. 流体拓扑优化的方法及应用综述. 郑州大学学报（工学版）,2023,44(2):1-13.

Wang Dingbiao, Wang Shuai, Zhang Haoran, et al Overview of methods and applications for fluid topology optimization[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (2): 1-13.

1. 曹海亮,安琪,左潜龙,等. 一种新的固液共轭沸腾传热LB模型. 郑州大学学报（工学版）,2023,44(2):75-81.

Cao Hailiang, An Qi, Left Qianlong, etc A new LB model for solid-liquid conjugate boiling heat transfer[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (2): 75-81.

1. 朱永胜,杨振涛,丁同奎,等. 考虑用户动态充电需求的电动汽车充电站规划. 郑州大学学报（工学版）,2023,44(2):82-90.

Zhu Yongsheng, Yang Zhentao, Ding Tongkui, et al Planning of electric vehicle charging stations considering user dynamic charging needs[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (2): 82-90.

1. 郭茶秀,魏金宇. 电池排布方式对21700锂电池相变热管理系统的影响. 郑州大学学报（工学版）,2023,44(2):91-97.

Guo Chaxiu, Wei Jinyu The Effect of Battery Layout on the Phase Change Thermal Management System of 21700 Lithium Battery[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (2): 91-97.

1. 孟祥睿,赵一洁,马新灵,等. 基于电热效应的带状制冷结构的模拟研究. 郑州大学学报（工学版）,2023,44(2):98-103.

Meng Xiangrui, Zhao Yijie, Ma Xinling, et al Simulation study of strip cooling structure based on electrothermal effect[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (2): 98-103.

1. 陈江义,殷笑勇,王婷婷,等. 基于改进斥力模型的人工势场局部路径规划. 郑州大学学报（工学版）,2023,44(3):83-87,101.

Chen Jiangyi, Yin Xiaoyong, Wang Tingting, et al Local path planning of artificial potential field based on improved repulsive force model[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 83-87101.

1. 李铭,苟浩瑞,于永洁,等. 金属管道腐蚀在线监测信号漂移的修正方法. 郑州大学学报（工学版）,2023,44(3):88-93.

Li Ming, Gou Haorui, Yu Yongjie, et al Correction method for signal drift in online monitoring of metal pipeline corrosion[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 88-93.

1. 胡启国,魏晨,陆伟,等. 空气悬架混杂系统车身高度与可调阻尼分层控制. 郑州大学学报（工学版）,2023,44(3):94-101.

Hu Qiguo, Wei Chen, Lu Wei, et al Air suspension hybrid system body height and adjustable damping layered control[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 94-101.

1. 吴金星,徐耀,李松歌,等. 螺旋管内局部二次流强度计算及演变规律. 郑州大学学报（工学版）,2023,44(4):29-34.

Wu Jinxing, Xu Yao, Li Songge, et al Calculation and Evolution of Local Secondary Flow Intensity in a Spiral Tube[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 29-34.

1. 靳遵龙,杨磊,霍东方,等. 瓦楞式固体氧化物燃料电池的结构优化. 郑州大学学报（工学版）,2023,44(4):35-40,53.

Jin Zunlong, Yang Lei, Huo Dongfang, et al Structural optimization of corrugated solid oxide fuel cells[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 35-40,53.

1. 王星龙,陶宗杰,杨泊莘,等. 插针机构中圆柱凸轮滚子疲劳寿命预测方法. 郑州大学学报（工学版）,2023,44(4):41-47.

Wang Xinglong, Tao Zongjie, Yang Boxin, et al Method for predicting the fatigue life of cylindrical cam rollers in pin insertion mechanisms[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 41-47.

1. 汤松臻,韩奎,周俊杰. 垃圾焚烧炉低温腐蚀机理的分子动力学模拟. 郑州大学学报（工学版）,2023,44(4):48-53.

Tang Songzhen, Han Kui, Zhou Junjie Molecular dynamics simulation of low-temperature corrosion mechanism in garbage incinerators[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 48-53.

1. 刘华东，靳朝阳，王定标，郝琪，党毫，张羽翔. 旁路结构对亚临界喷射器引射效率的影响. 郑州大学学报(工学版), 2023,44(12):48-53.

Liu Huadong, Jin Chaoyang, Wang Dingbiao, Hao Qi, Dang Hao, Zhang Yuxiang The effect of bypass structure on the injection efficiency of subcritical injectors[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (12): 48-53.

1. 陈宏，陈新财，巩晓费，韩东洋，刘华杰. 基于知识图谱的风电机组诊断系统构建与应用. 郑州大学学报(工学版), 2023,44(13):54-60.

Chen Hong, Chen Xincai, Gong Xiaofei, Han Dongyang, Liu Huajie Construction and application of wind turbine diagnosis system based on knowledge graph[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (13): 54-60.

1. 张志刚，马新旋，王才东，郑华栋，王良文. 基于三次样条插值的几何精确曲梁单元. 郑州大学学报(工学版), 2023,44(14):61-67.

Zhang Zhigang, Ma Xinxuan, Wang Caidong, Zheng Huadong, Wang Liangwen Geometrically Accurate Curved Beam Element Based on Cubic Spline Interpolation[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (14): 61-67.

**土木与交通工程**

1. 丁小彬,谢宇轩,薛皓文,等. 基于神经网络算法的滚刀磨损量预测方法. 郑州大学学报（工学版）,2023,44(1):83-88,95.

Ding Xiaobin, Xie Yuxuan, Xue Haowen, etc A Method for Predicting Hob Wear Based on Neural Network Algorithms[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (1): 83-88,95.

1. 梁岩,张卓航,班亚云,等. 多跨连续梁-刚构桥地震易损性分析. 郑州大学学报（工学版）,2023,44(1):96-102.

Liang Yan, Zhang Zhuohang, Ban Yayun, et al Seismic vulnerability analysis of multi span continuous beam rigid frame bridges[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (1): 96-102.

1. 戴逸飞,杨平,王宁,等. 交叠车站下穿段MJS加固温度场变化规律研究. 郑州大学学报（工学版）,2023,44(1):103-110.

Dai Yifei, Yang Ping, Wang Ning, et al Research on the Temperature Field Change Law of MJS Reinforcement in the Underpass Section of Overlapping Stations[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (1): 103-110.

1. 郭成超,张顺杰,周鸿昌,等. 移动荷载作用下机场复合道面力学响应分析. 郑州大学学报（工学版）,2023,44(4):113-119.

Guo Chengchao, Zhang Shunjie, Zhou Hongchang, et al Mechanical response analysis of airport composite pavement under moving loads[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 113-119.

1. 靳贻杰,陶勇,张婷,等. 含盐冻土冻结温度及导热系数试验研究. 郑州大学学报（工学版）,2023,44(4):120-126.

Jin Yijie, Tao Yong, Zhang Ting, et al Experimental study on freezing temperature and thermal conductivity of saline frozen soil[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 120-126.

1. 黄远,王力. 考虑扭转作用的RC框架抗连续倒塌性能研究. 郑州大学学报（工学版）,2023,44(5):93-100.

Huang Yuan, Wang Li Research on the Continuous Collapse Resistance Performance of RC Frames Considering Torsional Action[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 93-100.

1. 杨雅勋,王成之,柴文浩,等. 断索对曲线斜拉桥力学性能的影响. 郑州大学学报（工学版）,2023,44(5):101-107.

Yang Yaxun, Wang Chengzhi, Chai Wenhao, et al The effect of cable breakage on the mechanical properties of curved cable-stayed bridges[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 101-107.

1. 张华,彭朝晖,张强,等. 基于DBN的艾尔西亚高等级公路施工进度风险评估. 郑州大学学报（工学版）,2023,44(5):108-113.

Zhang Hua, Peng Chaohui, Zhang Qiang, et al DBN based risk assessment of construction progress of Elsia high-grade highway[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 108-113.

1. 郭寅川,刘逸伟,申爱琴,等. 玻璃纤维水泥稳定碎石收缩及柔化抗裂性能研究. 郑州大学学报（工学版）,2023,44(5):114-120.

Guo Yinchuan, Liu Yiwei, Shen Aiqin, et al Research on the shrinkage and softening crack resistance performance of glass fiber cement stabilized crushed stone[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 114-120.

1. 徐鸥明,徐仁涛,李洋,等. 水泥路面沥青薄层罩面层间抗剪强度及影响. 郑州大学学报（工学版）,2023,44(5):121-126.

Xu Ouming, Xu Rentao, Li Yang, et al Shear strength and influence of asphalt thin layer overlay between cement pavement layers[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 121-126.

1. 赵军，高宁，李小鹏，雷波波，赵毅. 磁流变阻尼器滞回性能试验与计算模型分析. 郑州大学学报(工学版), 2023,44(18):91-98.

Zhao Jun, Gao Ning, Li Xiaopeng, Lei Bobo, Zhao Yi Hysteresis performance test and calculation model analysis of magnetorheological dampers[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (18): 91-98.

1. 郭寅川，杨雪瑞，申爱琴，李震南，左孝森. 湿热环境下玄武岩纤维桥面混凝土早期抗裂性. 郑州大学学报(工学版), 2023,44(19):99-104.

Guo Yinchuan, Yang Xuerui, Shen Aiqin, Li Zhennan, Zuo Xiaosen Early crack resistance of basalt fiber bridge deck concrete in humid and hot environments[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (19): 99-104.

1. 焦美菊，郝建名，陈露丹，郑元勋. 基于长期监测的车辆荷载效应时变极值预测. 郑州大学学报(工学版), 2023,44(20):105-111.

Jiao Meiju, Hao Jianming, Chen Ludan, Zheng Yuanxun Prediction of time-varying extreme values of vehicle load effects based on long-term monitoring[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (20): 105-111.

1. 廖军，邓涛，唐刚，钱小龙，李镇，路军富. 风化锯齿形结构面抗剪强度特性及估算模型. 郑州大学学报(工学版), 2023,44(21):112-118.

Liao Jun, Deng Tao, Tang Gang, Qian Xiaolong, Li Zhen, Lu Junfu Shear strength characteristics and estimation model of weathered serrated structural planes[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (21): 112-118.

1. 任亮，刘青云，方博文，温帅. 高强钢筋增强UHPC-NC组合桥墩塑性镀长度. 郑州大学学报(工学版), 2023,44(22):119-126.

Ren Liang, Liu Qingyun, Fang Bowen, Wen Shuai Plastic plating length of UHPC-NC composite bridge piers reinforced with high-strength steel bars[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (22): 119-126.

**水利工程**

1. 李宗坤,胡义磊,邓宇,等. 基于改进突变评价法的黄河凌汛灾害风险评价. 郑州大学学报（工学版）,2023,44(1):89-95.

Li Zongkun, Hu Yilei, Deng Yu, et al Risk assessment of the Yellow River ice flood disaster based on improved mutation evaluation method[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (1): 89-95.

1. 黄国如,杨格,曾博威,等. 基于绿灰蓝基础设施融合的城市洪涝灾害调控. 郑州大学学报（工学版）,2023,44(2):14-21,74.

Huang Guoru, Yang Ge, Zeng Bowei, et al Urban flood disaster control based on the integration of green, gray, and blue infrastructure[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (2): 14-21,74.

1. 刘曙光,郑伟强,周正正,等. 极端暴雨下城市地下空间洪涝风险及灾害防控. 郑州大学学报（工学版）,2023,44(2):22-29,81.

Liu Shuguang, Zheng Weiqiang, Zhou Zhengzheng, et al Flood risk and disaster prevention and control of urban underground space under extreme rainstorm[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (2): 22-29,81.

1. 张金萍,张朝阳,左其亭. 极端暴雨下城市内涝模拟与应急响应能力评估. 郑州大学学报（工学版）,2023,44(2):30-37.

Zhang Jinping, Zhang Chaoyang, Zuo Qiting Urban waterlogging simulation and emergency response capability assessment under extreme rainstorm[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (2): 30-37.

1. 刘家宏,裴羽佳,梅超,等. 郑州"7·20"特大暴雨内涝成因及灾害防控. 郑州大学学报（工学版）,2023,44(2):38-45.

Liu Jiahong, Pei Yujia, Mei Chao, et al Causes of waterlogging and disaster prevention and control of "July 20" extremely heavy rainstorm in Zhengzhou[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (2): 38-45.

1. 左其亭,王鹏抗,张志卓,等. 黄河流域水资源利用水平及提升途径. 郑州大学学报（工学版）,2023,44(3):12-19.

Zuo Qiting, Wang Pengkang, Zhang Zhizhuo, et al The utilization level of water resources in the Yellow River Basin and ways to improve it[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 12-19.

1. 郑家珂,甘容,左其亭,等. 基于PNPI与SWAT模型的非点源污染风险空间分布. 郑州大学学报（工学版）,2023,44(3):20-27.

Zheng Jiake, Gan Rong, Zuo Qiting, etc Spatial distribution of non point source pollution risk based on PNPI and SWAT models[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 20-27.

**化工与材料工程**

1. 张亚涛,刘宗凯,董冠英. 埃洛石纳米管在膜分离领域的应用. 郑州大学学报（工学版）,2023,44(1):1-12.

Zhang Yatao, Liu Zongkai, Dong Guanying The application of halloysite nanotubes in membrane separation[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (1): 1-12.

1. 朱军勇,陈田田,韩双乔,等. 共价有机框架液体分离膜的研究进展. 郑州大学学报（工学版）,2023,44(1):13-23,51.

Zhu Junyong, Chen Tiantian, Han Shuangqiao, et al Research progress in covalent organic framework liquid separation membranes[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (1): 13-23,51.

1. 陈珍珍,路培,符贵,等. 小檗碱改性羧甲基纤维素的制备及抑菌性评价. 郑州大学学报（工学版）,2023,44(2):104-110.

Chen Zhenzhen, Lu Pei, Fu Gui, etc Preparation and antibacterial evaluation of berberine modified carboxymethyl cellulose[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (2): 104-110.

1. 李华,齐鹏飞,杨忠花. 有机硅改性环氧NIPU防腐涂料的制备及其性能研究. 郑州大学学报（工学版）,2023,44(3):102-107.

Li Hua, Qi Pengfei, Yang Zhonghua Preparation and performance study of organic silicon modified epoxy NIPU anti-corrosion coating[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 102-107.

1. 汪涵迪,张东生,李江涛,等. 增密工艺对C/C-Cu复合材料组织和性能的影响. 郑州大学学报（工学版）,2023,44(3):108-113,127.

Wang Handi, Zhang Dongsheng, Li Jiangtao, et al The effect of densification process on the microstructure and properties of C/C-Cu composites[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 108-113127.

1. 李建,黎文强,张伟伟,等. 灰铸铁制动鼓的热循环开裂分析及表面改性. 郑州大学学报（工学版）,2023,44(3):114-120.

Li Jian, Li Wenqiang, Zhang Weiwei, et al Analysis of thermal cycling cracking and surface modification of gray cast iron brake drums[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 114-120.

1. 张长森,李聪聪,代稳月,等. K负载Sn0.4Ce0.6O2对碳烟的催化燃烧性能研究. 郑州大学学报（工学版）,2023,44(4):74-79.

Zhang Changshen, Li Congcong, Dai Wenyue, et al Study on the catalytic combustion performance of K-loaded Sn0.4Ce0.6O2 on carbon smoke[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 74-79.

1. 高金星,李丽亚,穆菁华,等. 骨替代生物陶瓷材料的研究现状. 郑州大学学报（工学版）,2023,44(4):80-87.

Gao Jinxing, Li Liya, Mu Jinghua, etc Research status of bone replacement bioceramic materials[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 80-87.

1. 陈毛,张少军,李荣斌,等. 竖罐炼镁过程中镁蒸气流动相变规律. 郑州大学学报（工学版）,2023,44(4):88-93.

Chen Mao, Zhang Shaojun, Li Rongbin, et al The phase transition law of magnesium vapor flow in the process of vertical magnesium smelting[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 88-93.

1. 牛新勇,常春,韩秀丽,等. 氮掺杂活性炭对环丙沙星的吸附性能与机理. 郑州大学学报（工学版）,2023,44(4):94-100,106.

Niu Xinyong, Chang Chun, Han Xiuli, et al The adsorption performance and mechanism of nitrogen doped activated carbon on ciprofloxacin[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 94-100106.

1. 陶梦雅,高正霞,刘伟,等. 氧化铁对稳定镁白云石材料性能的影响. 郑州大学学报（工学版）,2023,44(4):101-106.

Tao Mengya, Gao Zhengxia, Liu Wei, et al The effect of iron oxide on the properties of stabilized magnesium dolomite materials[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 101-106.

1. 孙鑫,王献丽,马晓吉,等. PB试验-响应面法优化黄芩提取物的纯化工艺. 郑州大学学报（工学版）,2023,44(4):107-112,119.

Sun Xin, Wang Xianli, Ma Xiaoji, et al Optimization of the purification process of Scutellaria baicalensis extract using PB test response surface methodology[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (4): 107-112119.

**电气与能源工程**

1. 罗勇，苌静，元千金，王亚菲. 一种快速变电站设备三维点云识别方法. 郑州大学学报（工学版）,2023,44(3):62-68.

Luo Yong, Chang Jing, Yuan Qianjin, Wang Yafei A Fast 3D Point Cloud Recognition Method for Substation Equipment[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 62-68.

1. 邢鹏翔,贾璇悦,许长清,等. 基于功率匹配和自适应惯性的VSG预同步控制方法. 郑州大学学报（工学版）,2023,44(3):69-75.

Xing Pengxiang, Jia Xuanyue, Xu Changqing, et al VSG pre synchronization control method based on power matching and adaptive inertia[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 69-75.

1. 滕志军,李梦,谷金亮,等. 融合多指标的WSN动态信任评估预测模型. 郑州大学学报（工学版）,2023,44(3):76-82.

Teng Zhijun, Li Meng, Gu Jinliang, etc A WSN Dynamic Trust Evaluation and Prediction Model Integrating Multiple Indicators[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (3): 76-82.

1. 李景丽,任俊跃,袁豪,等. 基于小波分析的配电网电弧接地故障选线方法. 郑州大学学报（工学版）,2023,44(5):69-76,107.

Li Jingli, Ren Junyue, Yuan Hao, et al A Method for Selecting Arc Grounding Fault Lines in Distribution Networks Based on Wavelet Analysis[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 69-76107.

1. 陈婧华,张琳娟,卢丹,等. 基于改进粒子群优化算法的分布式电源集群划分方法. 郑州大学学报（工学版）,2023,44(5):77-85.

Chen Jinghua, Zhang Linjuan, Lu Dan, et al A Distributed Power Cluster Partition Method Based on Improved Particle Swarm Optimization Algorithm[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 77-85.

1. 高超,刘泽辉,曹栋,等. 基于1DCNN-BiLSTM的电力电缆故障诊断. 郑州大学学报（工学版）,2023,44(5):86-92.

Gao Chao, Liu Zehui, Cao Dong, et al Power cable fault diagnosis based on 1DCNN-BiLSTM[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (5): 86-92.

1. 司纪凯，刘世班，聂瑞，王培欣，苏鹏. 两自由度电机控制策略综述及发展动态分析. 郑州大学学报(工学版), 2023,44(6):1-11.

Si Jikai, Liu Shiban, Nie Rui, Wang Peixin, Su Peng Overview and Development Dynamic Analysis of Two Degree of Freedom Motor Control Strategies[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (6): 1-11.

1. 王要强，杨志伟，王义，王克文，梁军. 计及噪声和模型参数不确定的发电机动态状态估计. 郑州大学学报(工学版), 2023,44(15):68-75.

Wang Yaoqiang, Yang Zhiwei, Wang Yi, Wang Kewen, Liang Jun Dynamic State Estimation of Generators Considering Noise and Model Parameter Uncertainty[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (15): 68-75.

1. 李虹伟，荆浩捷，吴磊，李婷玉. 基于能量枢纽可变能量效率的电热网优化运行. 郑州大学学报(工学版), 2023,44(16):76-83.

Li Hongwei, Jing Haojie, Wu Lei, Li Tingyu Optimal operation of electric heating networks based on variable energy efficiency of energy hubs[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (16): 76-83.

1. 宋磊，陆春光，刘琳，刘世芳，王要强. 基于修正安时积分法的磷酸铁锂电池荷电状态估计. 郑州大学学报(工学版), 2023,44(17):84-90.

Song Lei, Lu Chunguang, Liu Lin, Liu Shifang, Wang Yaoqiang State of Charge Estimation of Lithium Iron Phosphate Batteries Based on Modified Ampere-hour Integration Method[J]. Journal of Zhengzhou University (Engineering Science), 2023,44 (17): 84-90.