

目 次

智能信息

- 具有丢包的未知转移概率 Markov 跳变系统鲁棒 H_∞ 滤波 张端金, 王钟堃(1)
基于状态转移学习的机器人行为决策认知模型 王东署, 杨 凯(7)
基于 CNN 和 BiLSTM 的钓鱼 URL 检测技术研究 卜佑军, 张 桥, 陈 博, 张稣荣, 王方玉(14)
基于八叉树的修正克里金空间插值算法 王金鑫, 秦子龙, 曹泽宁, 陈艺航, 石 焰(21)
基于时空特征的语音情感识别模型 TSTNet 薛均晓, 黄世博, 王亚博, 张朝阳, 石 磊(28)
求解加权 MTSP 问题的 CUDA 并行群智能方法 苏守宝, 赵 威, 李 智(34)

机械工程

- 瓦楞式固体氧化物燃料电池的数值研究 靳遵龙, 杨友晨, 宫本希, 原 磊, 杨鹏辉, 王定标(42)
超声纳米表面改性对 316L 不锈钢耐磨性能的影响 李 阳, 李净凯, 邹 云, 刘书豪, 李大磊(49)
基于离散元法的立轴冲击式破碎机的破碎仿真 贺占蜀, 余金龙, 陈江义, 杨聪俐, 刘万辉, 吉宏志(55)
混合工质的选择对 ORC 系统性能的影响 马新灵, 连麒飞, 雷 萌, 孟祥睿, 魏新利, 李志彬(61)
电动汽车驱动电机冷却流道性能的数值模拟研究 沈 超, 张艺哲, 杨建中, 李 欢, 张东伟(68)

材料工程

- 沉积条件对 CVD-SiC 涂层组织形貌和抗氧化性能的影响 孙佳庆, 李江涛, 郭春文, 范宇恒, 张东生, 赵红亮(74)
单组份聚氨酯固化规律及黏结特性研究 钟 科, 王 雪, 张 勇, 孙明志, 孙晟凯, 龚 演(80)

电气工程

- 基于改进 SSD 和 Jetson Nano 的口罩佩戴检测门禁系统 毛晓波, 徐向阳, 李 楠, 魏刘倩, 刘玉玺, 董梦超, 焦森鑫(85)
基于典型场景集的高比例风电系统运行灵活性评估 王金凤, 张惠惠, 祝方圆(93)

土木工程

- 强腐蚀桥梁钢 Q345 的 J-C 本构模型及数值模拟 张 浩, 乔文靖, 杨 帆, 朱浩云(99)
大节段装配式波形钢腹板组合 T 梁横向分布系数研究 张天航, 张建勋, 万二帅(105)

CONTENTS

【Intelligent Information】

- Robust H_∞ Filtering for Markov Jump Systems with Unknown Transition Probabilities and Packet Dropouts ZHANG Duanjin, WANG Zhongkun (1)
Behavior Decision-making Cognitive Model of Mobile Robot Based on State Transfer Learning WANG Dongshu, YANG Kai (7)
Research on Phishing URL Detection Technology Based on CNN-BiLSTM BU Youjun, ZHANG Qiao, CHEN Bo, ZHANG Surong, WANG Fangyu (14)
Modified Kriging Spatial Interpolation Algorithm Based on Octree Mechanism WANG Jinxin, QIN Zilong, CAO Zening, CHEN Yihang, SHI Yan (21)
Speech Emotion Recognition TSTNet Based on Spatial-temporal Features XUE Junxiao, HUANG Shibo, WANG Yabo, ZHANG Chaoyang, SHI Lei (28)
CUDA-based Parallel Swarm Intelligence Method for Solving Weighted MTSP SU Shoubao, ZHAO Wei, LI Zhi (34)

【Mechanical Engineering】

- Numerical Study of Mono-block-layer-built-type Solid Oxide Fuel Cell JIN Zunlong, YANG Youchen, GONG Benxi, YUAN Lei, YANG Penghui, WANG Dingbiao (42)
Effect of Ultrasonic Nanocrystal Surface Modification on Wear Property of 316L Stainless Steel LI Yang, LI Jingkai, ZOU Yun, LIU Shuhao, LI Dalei (49)
Simulation of Vertical Shaft Impact Crusher Crushing Process Based on Discrete Element Method HE Zhanshu, YU Jinlong, CHEN Jiangyi, YANG Congli, LIU Wanhai, JI Hongzhi (55)
Impacts of Selection of Zeotropic Mixture on Performance of ORC System MA Xinling, LIAN Qifei, LEI Meng, MENG Xiangrui, WEI Xinli, LI Zhibin (61)
Numerical Simulation on Cooling Channel Performance of Driving Motor of Electric Vehicle SHEN Chao, ZHANG Yizhe, YANG Jianzhong, LI Huan, ZHANG Dongwei (68)

【Material Engineering】

- Effects of Deposition Conditions on Morphology and Oxidation Resistance of CVD-SiC Coatings SUN Jiaqing, LI Jiatao, GUO Chunwen, FAN Yuheng, ZHANG Dongsheng, ZHAO Hongliang (74)
Curing and Adhesive Characteristics of Monocomponent Polyurethane Binders ZHONG Ke, WANG Xue, ZHANG Meng, SUN Mingzhi, SUN Shengkai, GONG Yan (80)

【Electrical Engineering】

- A Mask Wear Detection Access Control System Based on Improved SSD and Jetson Nano MAO Xiaobo, XU Xiangyang, LI Nan, WEI Liuqian, LIU Yuxi, DONG Mengchao, JIAO Miaoxin (85)
Evaluation of System Operational Flexibility of High Proportion Wind Power System Based on the Typical Scene Set WANG Jinfeng, ZHANG Huihui, ZHU Fangyuan (93)

【Civil Engineering】

- Tensile Finite Element Simulation of Q345 Bridge Steel with Strong Corrosion Based on J-C Model ZHANG Hao, QIAO Wenjing, YANG Fan, ZHU Haoyun (99)
Research of the Lateral Distribution Factors of Large-segment Prefabricated T-girder with Corrugated Steel Webs ZHANG Tianhang, ZHANG Jianxun, WAN Ershuai (105)