

TABLE OF CONTENTS

目 录

一种改进的语义视觉里程计优化算法 An Improved Semantic Visual Odometry Optimization Algorithm 何杰.....	769
注意力机制引导的混合失真图像复原研究 Attention-Guided Image Restoration on Hybrid Distortion 龚敏学, 朱焯, 符颖.....	775
基于实例的多视角多标签学习算法 Multi-View Multi-Label Learning by Exploiting Instance Correlations 苏可政, 肖燕珊, 刘波.....	785
基于对偶循环结构及注意力机制的红外图像超分辨率重建 Super Resolution Reconstruction of Infrared Image Based on Dual Cycle Structure and Attention Mechanism 闫昊天, 程良伦, 吴衡.....	797
基于 EIN 覆盖网的复杂网络最短路径近似算法 The Approximate Shortest Path Algorithm for Complex Networks Based on EIN Overlay Network 冯冠钦, 林穗.....	806
基于 Python 的测量数据精度鉴定的预处理方法 A Preprocessing Method of Precision Appraisal for Measurement Data Based on Python 涂鑫, 张小飞, 邱维江, 陈欣.....	817
基于两阶段全卷积神经网络的冠状动脉分割研究 A Study of Coronary Artery Segmentation Based on Two-Stage Fully Convolutional Neural Networks 吴春彪.....	828
基于 Hadoop 平台的多模态人脸识别研究 Research on Multimodal Face Recognition Based on Hadoop Platform 李晓娜, 苏金善, 李瀚铭.....	835
基于 TensorRT 加速推理的电梯内电动车检测系统 Electric Two-Wheelers Detection System in Elevator Based on TensorRT Accelerated Inference 高胥智, 魏伟波, 王静.....	847
基于深度学习的长链非编码 RNA 与蛋白质相互作用关系预测的研究进展 Research Progress on Predicting Interaction between Long Noncoding RNA and Protein Based on Deep Learning 赵靖轩.....	858

CSPTH: 基于天河二号的晶体结构预测软件框架 CSPTH: A Crystal Structure Prediction Framework on Tianhe-2 Supercomputer	
刘瑾瑜, 陈品, 卢宇彤.....	866
基于树形结构编码器的点云补全算法 Point Cloud Completion Algorithm Based on Tree Structure Encoder	
汤继武, 谭台哲.....	879
基于多线程网络节点连通性探测技术的网络实时检查技术研究与应用 Research and Application of Network Real-Time Inspection Technology Based on Multi-Thread Network Node Connectivity Detection Technology	
张莉, 崔凤娟.....	885
基于 Retinex 模型的低光照图像增强算法研究 Research on Low-Light Image Enhancement Algorithm Based on Retinex Model	
吕国亮, 罗玉.....	895
大数据背景下 BBS 的设计 Design of BBS under the Background of Big Data	
韩中, 苟和平, 梁栋, 韩玟璐, 唐国纯, 赵安学.....	904
视频传感器区域覆盖算法 Video Sensor Area Coverage Algorithm	
陈奇.....	913
基于智能合约的可信物联网 SLA 协议模型 A Trusted IoT SLA Protocol Model Based on Smart Contracts	
谈玉胜, 殷丹丽.....	923
基于自适应归一化的语义图像合成 Semantic Image Synthesis with Adaptive Normalization	
徐文锐, 谭台哲.....	934
基于表情识别技术的独居老人智能监护系统 Intelligent Monitoring System for the Elderly Living Alone Based on Facial Expression Recognition Technology	
王超凡, 王柏淋, 盛果妮, 茅方雨, 詹琪.....	941
古建筑火灾监测预警系统设计 Design of Fire Monitoring and Early Warning System for Ancient Buildings	
龚伟, 赵泽, 胡仕杰, 肖力铭, 任秉灵, 徐倩雪, 丁洪伟, 马宏伟.....	947
基于改进 Faster-RCNN 的矿工检测 Miner Detection Based on Improved Faster-RCNN	
林哲, 陈平华, 申建芳, 王越超.....	953

虚拟现实环境下虚拟手交互方法研究 Research on Virtual Hand Interaction for Vehicle Assembly Training in Virtual Reality	
钟贵强, 战荫伟, 杨卓, 廖声亮.....	965
图像增强去雾系统设计与实现 System Design and Realization of Web Image Defogging	
朱烨, 王婷, 魏敏, 苟艺频.....	973
一种基于改进的卡尔曼滤波的人群密度检测算法 A Crowd Density Estimation Based on Improved Kalman Filtering	
杨清永, 谢晓霞.....	981
神经网络模型的可视化研究进展 Advances in Visualization of Neural Network Models	
龚少翠, 苗军, 卿来云, 乔元华.....	988
基于视觉技术的活塞环漏光度检测的研究 Research on Photometric Detection of Piston Ring Leakage Based on Vision Technology	
杨钧麟, 王学俊.....	1005
基于改进隐语义模型算法的研究 Research on Improved Latent Semantic Model Algorithm	
李帅阳, 孙杰.....	1016
基于迭代最近点的三维点云配准改进算法研究 Research on Improved 3D Point Cloud Registration Algorithm Based on Iterative Nearest Point	
王海萍.....	1023
基于稀疏约束和对偶图正则化的受限概念分解算法及在数据表示中的应用 Constrained Concept Factorization Based on Sparseness Constraints and Dual Graph Regularization for Data Representation	
翁宗慧, 由从哲.....	1031
FPGA 设计空间探索综述 A Review of Spatial Exploration of FPGA Design	
甘芷莹.....	1043
基于时空残差网络的僵尸网络检测方法 Botnet Detection Method Based on Spatial-Temporal Residual Network	
陈飞健.....	1054
赛博空间作战指挥训练平台通用化研究 Research on the Generalization of Cyberspace Combat Command Training Platform	
何超, 沈悦, 王运成, 纪翼浩.....	1061
基于军事地理信息系统的战场态势展示分析系统的设计与实现 Design and Implementation of Battlefield Situation Display and Analysis System Based on Military Geographic Information System	
何超, 沈悦, 纪翼浩, 王运成.....	1068

基于信号分解和机器学习模型的股票价格预测 Stock Price Prediction Based on Signal Decomposition and Machine Learning Models	
颜轲越, 李莹, 王祎萌.....	1080
基于边对注意力的跨图嵌入深度图匹配 Cross-Graph Embedding with Edge-Wise Attention for Deep Graph Matching	
杨益桢, 石林.....	1089
基于路侧监控的车型分类算法研究 Research on Vehicle Classification Algorithm Based on Road Side Monitoring	
余波, 杨博, 李健, 田岩.....	1099
融合图神经网络和注意力机制的会话推荐模型 Session-Based Recommendation Model with Graph Neural Network and Attention Mechanism	
黄浩文, 陈平华.....	1108
基于数学建模的停车场优化设计 Parking Lot Optimization Design Based on Mathematical Modeling	
黄亚楠.....	1122
基于区块链的个人敏感数据安全存储及共享方法 Secure Storage and Sharing Method of Personal Sensitive Data Based on Blockchain	
曹穗.....	1139
基于视觉 Transformer 的面孔吸引力预测方法研究 Research on Face Attractiveness Prediction Method Based on Visual Transformer	
方建安, 李昶昊.....	1149
基于主成分分析和长短期记忆神经网络的锅炉燃烧系统模型 Boiler Combustion System Model Based on Principal Component Analysis and Long-Short-Term Memory Neural Network	
吴婉婷, 李永华, 郝明达, 陈家熠, 谢英柏.....	1157
融合脸部外观和多行为特征的学生专注度识别网络 A Novel Engagement Recognition Network by Fusion Facial Appearance and Multi-Behavioral Features	
陆玉波, 战荫伟, 杨卓, 李学聪.....	1163
基于深度学习的糖尿病视网膜病变诊断方法研究 Research on the Detection Method of Diabetic Retinopathy Based on Deep Learning	
黄小如, 尚勋, 何飞, 谢毅飞.....	1175
化学分析实验中的行为识别研究 Research on Action Recognition in Chemical Analysis Experiments	
李晓旭, 马兴录, 孙昊.....	1192

基于知识库标记预训练孪生神经网络的中文实体链接

Knowledge Marker-Based Pre-Trained Language Model with Siamese Network for Chinese Entity Linking

何展鹏.....1202

基于标签分布学习的眼部情绪识别

Eye Emotion Recognition Based on Label Distribution Learning

李学聪, 战荫伟, 杨卓, 陆玉波.....1213