

TABLE OF CONTENTS

目 录

用 cuQuantum 框架进行量子计算模拟	
Simulate Quantum Computation Using cuQuantum Framework	
邹铁.....	1227
非测控链路遥控遥测上下行软件设计与应用	
Design and Application of Non-Measurement Telecontrol and Telemetry Uplink and Downlink Software	
罗涛, 李锴杰, 贾元妹.....	1237
基于射线法的全场景平面直边无孔多边形父子关系判断算法	
A Ray-Based Algorithm for Determining the Parent-Child Relationship of Planar Straight-Edge Non-Porous Polygons in the Whole Scene	
王振耀.....	1246
基于 SUMO 的虚拟交通灯的设计与实现	
Design and Implementation of Virtual Traffic Light Based on SUMO	
赵会奋, 蔡文钦, 宋玮, 蒋毅.....	1270
基于数据增强的小样本字符识别模型	
Small Sample Character Recognition Model Based on Data Augmentation	
乔雨轩, 方建安.....	1280
基于 IPFS 区块链技术的工业互联网数据可信存储系统	
Industrial Internet Data Trusted Storage System Based on IPFS Blockchain Technology	
陈泓达, 冯云霞, 牛云鹤.....	1292
ResNet 和 EfficientNet 遥感图像场景分类研究	
Study on ResNet and EfficientNet Remote Sensing Image Scene Classification	
江文.....	1301
基于原子间作用势的晶体结构去重算法及其应用	
Crystal Structure Deduplication Algorithm Based on Interatomic Potential and Its Applications	
孔艳婷, 陈品, 颜辉, 陈志广.....	1314
基于卷积块注意力模型的服装图像检索方法	
Clothing Image Retrieval Method Based on Convolutional Block Attention Model	
宣益亮, 廖小飞, 宿轩策.....	1331
基于改进 LRFMC 模型的航空公司客户分类	
Airline Customer Classification Based on Improved LRFMC Model	
李莹, 颜轲越.....	1341

改进数学形态学方法在医学图像处理中的应用**Application of Improved Mathematical Morphological Methods in Medical Image Processing**

李鹏, 石玉英.....1350

三维环境下无人机路径规划算法研究综述**Review of UAV Path Planning Algorithms in 3D Environment**

李保胜, 李士心, 刘晓倩, 陈东园.....1363

基于区域特征的线阵图像分割**Line-Scan CCD Image Segmentation Based on Region Feature**

程志鹏, 韩建枫.....1371

基于粗糙集的主成分聚类方法**Principal Component Clustering Method Based on Rough Set**

花遇春, 杨璇, 熊文丹.....1378

基于 FPGA 的 AES 加密算法优化设计**Optimization Design of AES Encryption Algorithm Based on FPGA**

刘政文, 赵曙光.....1389

数据中心 ADS-B 数据转发方案**Solution for Multicasting ADS-B Messages from NDPC**

谷鸣.....1398

基于 PIPESIM 的海外油田站外集输系统管径优选**Overseas Oilfield Surface Facility System Pipe Diameter Optimization Based on PIPESIM**

赵珂珂, 邢明, 房昆, 赵仲慧, 廖莎燕, 孙越.....1404

六元语言真值模态命题逻辑及其归结自动推理研究**6-Element Linguistic Truth-Valued Modal Proposition Logic and Resolution Automated Reasoning**

王诗慧, 王艳芳, 崔晓松.....1413

基于图嵌入和多模态深度学习的加密流量分类**Encrypted Traffic Classification Based on Graph Embedding and Multimodal Deep Learning**

杨瑞鹏, 于爱民, 蔡利君, 孟丹.....1425

基于机器学习的高层建筑风荷载功率谱预测算法研究**Prediction of Wind Load Power Spectrum on High-Rise Buildings by Machine Learning Based Algorithms**

李慧真.....1436

登陆作战中两栖投送装备编组研究**The Research on the Optimization of the Grouping of the Amphibious Equipment Delivery in the Landing Combat**

宋剑, 徐清华, 魏小磊.....1450

应用于服务组合的改良粒子群算法

Improved Particle Swarm Optimization for Service Composition

丁洋, 王红斌.....1458

基于学生个性的高校公寓分配管理系统设计与实现

Design and Implementation of University Apartment Allocation Management System

朱峻, 陈希慧.....1474

基于 YOLOV5 的外周血白细胞检测

Detection of Peripheral Blood Leukocytes Based on YOLOV5

甘仿, 蒋淦华, 李志翔, 陈可欣.....1482