

## TABLE OF CONTENTS

### 目 录

一种基于图像的全自动河道水位估计方法 <b>An Image-Based Automatic River Level Measurement Method</b> 梁存峰.....	2199
基于 Django 的在线编程评测系统的设计与实现 <b>Design and Implementation of Online Judge System Using Django</b> 尹艳兰, 陈世峰.....	2206
基于车载以太网的环视系统设计 <b>Surround View System Design Based on the Ethernet of the Vehicle</b> 朱贺.....	2216
智慧港口物流电子商务云平台设计研究 <b>Research on the Design of Intelligent Port Logistics E-Commerce Cloud Platform</b> 唐家友, 朱恩然, 王正基, 杨磊.....	2230
基于 Unity3D 的无人机集群仿真平台设计 <b>Design of Drone Swarm Simulation Platform Based on Unity3D</b> 钟林钢, 降晶晶, 叶超宇.....	2242
基于骨架局部曲率分水岭算法的颗粒特征识别分割方法 <b>Particle Feature Recognition and Segmentation Method Based on Skeleton Local Curvature Watershed Algorithm</b> 吕众鑫, 冉顺义.....	2252
基于数据转移状态的性质判断模型研究 <b>Research on Nature Judgment Model Based on Data Transfer Status</b> 周斌, 丛龙剑, 龚任杰, 李海鹏.....	2260
基于改进麻雀算法的短期负荷预测研究 <b>Short Term Load Forecasting Based on Improved Sparrow Algorithm</b> 孙夏丽, 李士心, 王坤, 刘清清.....	2271
面向数字版权管理系统的轻量级三因素认证方案的分析与改进 <b>Analysis and Improvement on a Lightweight Three-Factor Authentication Scheme for Digital Rights Management System</b> 麦凯强, 亢保元, 李蕊.....	2280
基于数字孪生的车间可视化系统设计与实现 <b>Realization of Visualization System of Workshop Based on Digital Twin</b> 李志伟, 陈瀚宁.....	2289

**结合标注的中文地址匹配规则链模型**

**Chinese Address Matching Rule Chain Model Combined with Annotation**

李晓晰, 张伟.....2302

**基于 Process Simulate 的超级电容模组检测线虚拟调试**

**Virtual Commissioning of Super Capacitor Module Detection Line Based on Process Simulate**

蒋志超, 李腾誉.....2315

**基于改进 TZsearch 的视频快速编码算法研究**

**Research of Fast Video Coding Algorithm on Improved TZsearch**

钟林钢, 袁晴, 叶兴扬.....2324

**基于轻量化网络的 YOLOv4 检测算法研究**

**Research on YOLOv4 Detection Algorithm Based on Lightweight Network**

张小燕, 汪华章.....2333

**基于卷积神经网络的声纹检测签到系统**

**Voiceprint Detection Sign in System Based on Convolutional Neural Network**

梁景泉, 周子程, 刘秀燕.....2342

**一种基于 AHP 构建的网络安全态势评估方法评价模型**

**An Evaluation Model of Network Security Situation Assessment Based on AHP**

黄正兴, 张静.....2350

**兼容常用卡种的读写接口模组设计与实现**

**Design and Implementation of Read-Write Interface Module Compatible with Common Cards**

杨大为, 张伟.....2357

**基于山火时空特性的深度学习火点识别模型**

**Deep Learning Fire Spot Identification Model Based on Temporal and Spatial Characteristics of Mountain Fire**

刘星星, 邓杰航, 徐国涛, 刘栋濠, 杨析睿, 陈树东, 冯子垚.....2369

**一种提高工件上角点检测准确率的方法**

**Method for Improving Accuracy of Corner Detection on Workpiece**

徐瑞, 秦襄培, 袁小龙.....2378

**面向智慧城市监控的无人机网络身份认证方案的分析与改进**

**Analysis and Improvement of Identity Authentication Scheme for UAV Network for Smart City Surveillance**

李蕊, 亢保元, 麦凯强.....2387

**基于区块链的电能质量数据管理平台设计**

**A Blockchain Based Power Quality Data Management Platform**

查蕾, 龚文青, 黄军浩.....2396