

目 次

评述

涉水光学 227
李学龙

论文

城区场景建筑物单体分割与结构重建耦合研究 281
董梦成, 谢科, 黄惠

基于薄板样条插值的弯曲笔触神经绘画与风格化方法 301
唐波昊, 胡腾, 杜瑜楨, 易冉, 马利庄

基于区块链构建安全去中心化的联邦学习方案 316
王恺祺, 洪睿琦, 毛云龙, 仲盛

分组密码 FBC 的差分分析 335
刘端, 罗毅博, 贾珂婷, 张国艳, 邹光南, 尤启迪, 陈颖

基于异构图注意力的工业设备故障诊断知识图谱补全方法 354
马亚杰, 刘洋, 姜斌, 冒泽慧, 刘剑慰, 刘文静

随机复杂系统设计方案排序问题的动态计量预算分配策略 373
肖辉, 魏志宏, 寇纲, 顾先明

自动驾驶车辆道路跟驰与状态一致性控制 394
郭胜辉, 罗世坚, 黄大荣, 宋家锋

邻域感知的分布式智能边缘计算卸载和资源分配算法 413
李云, 张剑鑫, 姚枝秀, 夏士超

大尺度类周期阵列结构快速电磁仿真方法 430
徐延林, 刘晨曦, 毋召锋, 虎宁, 刘继斌, 刘培国

Contents

REVIEW

Water-related optics	227
Xuelong LI	

RESEARCH PAPER

Coupled study on instance segmentation and structural reconstruction of buildings in 3D urban scenes...	281
Mengcheng DONG, Ke XIE & Hui HUANG	
Curved-stroke-based neural painting and stylization through thin plate spline interpolation	301
Bohao TANG, Teng HU, Yuzhen DU, Ran YI & Lizhuang MA	
Secure solution for decentralized federated learning with blockchain	316
Kaiqi WANG, Ruiqi HONG, Yunlong MAO & Sheng ZHONG	
Differential analysis of block cipher FBC	335
Duan LIU, Yibo LUO, Keting JIA, Guoyan ZHANG, Guangnan ZOU, Qidi YOU & Ying CHEN	
Knowledge graph completion method for industrial equipment fault diagnosis based on heterogeneous graph attention	354
Yajie MA, Yang LIU, Bin JIANG, Zehui MAO, Jianwei LIU & Wenjing LIU	
Dynamic computing budget allocation for design ranking in stochastic complex systems	373
Hui XIAO, Zhihong WEI, Gang KOU & Xianming GU	
Path following and status consistency control of autonomous vehicles	394
Shenghui GUO, Shijian LUO, Darong HUANG & Jiafeng SONG	
Neighborhood-aware distributed intelligent computing offloading and resource allocation for edge computing	413
Yun LI, Jianxin ZHANG, Zhixiu YAO & Shichao XIA	
Fast electromagnetic simulation method for large-scale quasi-periodic arrays	430
Yanlin XU, Chenxi LIU, Zhaofeng WU, Ning HU, Jibin LIU & Peiguo LIU	