

目 次

信息工程

基于可能性条件偏好网络的交互式遗传算法及其应用..... 孙晓燕, 朱利霞, 陈 杨(1)

无线 Ad Hoc 网络中双向传输容量的研究 陈昌海, 李娜娜, 王 静, 李振锋(6)

可重构网络中的一种新型端到端服务供应模型..... 马 丁, 庄 雷, 兰巨龙, 慕小武(11)

单云服务提供者环境下的随机化属性保护研究..... 李拴保(17)

基于喷泉码及 CDMA 扩频的数字水印盲算法 张卫党, 吴 琳(23)

基于混合差分演化的网络入侵检测算法..... 王耀光, 陈伟权, 吴镇邦, 秦 勇, 黄 翰(29)

精英反向学习的单纯形交叉布谷鸟搜索算法..... 林要华, 王李进(33)

机械与电气工程

考虑公差原则的三维公差分析方法研究..... 赵凤霞, 金少搏, 李纪峰(39)

计及线路损耗的峰谷分时电价优化模型..... 赵国生, 詹天乐, 李 博(45)

基于 Möbius 变换的复有理圆弧样条 任两品, 薛均晓, 张朝阳, 王定标(50)

基于 FPGA 的直流电机伺服控制系统设计与实现 常怡萍, 刘 琴, 杨 蕾(54)

考虑顾客时间紧迫度的生鲜电商配送路径优化问题 崔 岩, 张子祥, 时 新, 王晓亮, 王振锋(59)

基于 Mean Shift 聚类的多级阈值化方法 程 全, 刘晓青, 刘玉春, 王志良(64)

石油钻井工程预警技术发展概述..... 李 广, 张 衡, 王 杰, 朱晓东, 岳彩通(70)

具备直流故障隔离能力的新型 MMC 拓扑研究 张清枝, 李志辉(74)

化工与材料工程

路面免碾压贫混凝土基层工作性研究..... 盛燕萍, 孙仕伟, 赵澍林, 周辉丽, 陈拴发(79)

改性凹凸棒石对水溶液中 Pb(II) 吸附性能研究 张 婕, 蔡 丽, 王景涛, 陈卫航(83)

典型 MoSi₂ 发热元件物相与显微结构分析 黄文江, 周 颖, 李 斯, 马成良, 史幸福, 王世界(88)

LiAlCl₄/γ-Al₂O₃ 催化歧化制备二甲基二氯硅烷的研究 徐文媛, 姚成姣, 徐永昌, 洪三国(92)

CONTENTS

[Informational Engineering]

Probabilistic Conditional Preference Network Assisted Interactive Genetic Algorithm and Its Application SUN Xiaoyan, ZHU Lixia, CHEN Yang (1)

Bidirectional Transmission Capacity in Wireless Ad Hoc Networks CHEN Changhai, LI Nana, WANG Jing, LI Zhenfeng (6)

A Novel End-to-end Service Provisioning Model in Reconfigurable Network MA Ding, ZHUANG Lei, LAN Julong, MU Xiaowu (11)

Research on Randomization Attribute Protection in Single Cloud Service Provider LI Shuanbao (17)

Blind Digital Watermarking Algorithm Based on Fountain Code and CDMA Spread Spectrum ZHANG Weidang, WU Lin (23)

Network Intrusion Detection Algorithm Based on Hybrid Differential Evolution Algorithm WANG Yaoguang, Chen Weiquan, WU Zhenbang, QIN yong, HUANG Han (29)

Elite Opposition-based Learning Based Simplex Crossover Cuckoo Search Algorithm LIN Yaohua, WANG Lijin (33)

[Mechanical Engineering and Electrical Engineering]

Research on the Method for 3D Tolerance Analysis Considering Tolerance Principle ZHAO Fengxia, JIN Shaobo, LI Jifeng (39)

Time-of-use Price Optimization Model Considering Line Loss ZHAO Guosheng, ZHAN Tianle, LI Bo (45)

Circular Arc Representation Based on Möbius Transformation REN Liangpin, XUE Junxiao, ZHANG Chaoyang, WANG Dingbiao (50)

Design and Implementation of Motor Servo Control System Based on FPGA CHANG Yiping, LIU Qin, YANG Lei (54)

Fresh Agricultural Product E-commerce Distribution Routing Problem Considering Time Demand of Customer CUI Yan, ZHANG Zixiang, SHI Xin, WANG Xiaoliang, WANG Zhenfeng (59)

Based on the Mean Shift Clustering Multilevel Threshold Method CHENG Quan, LIU Xiaoqing, LIU Yuchun, WANG Zhiliang (64)

A Review: Pre-warning System of Oil-Drilling Engineering LI Guang, ZHANG Heng, WANG Jie, ZHU Xiaodong, YUE Caitong (70)

Research on the Topology of MMC with DC Fault Isolating Capability ZHANG Qingzhi, LI Zhihui (74)

[Chemical Engineering and Material Engineering]

Research on Workability of Compaction-free Lean Concrete Base SHENG Yanping, SUN Shiwei, ZHAO Shulin, ZHOU Huili, CHEN Shuanfa (79)

Study on Absorption of Pb(II) from Aqueous Solution by Modified ATP ZHANG Jie, CAI Li, WANG Jingtao, CHEN Weihang (83)

Study on Phase Composition and Microstructure of Typical MoSi₂ Heating Elements HUANG Wenjiang, ZHOU Ying, LI Si, MA Chengliang, SHI Xingfu, WANG Shijie (88)

The Theoretical Research of Dimethyldichlorosilane Catalyzed by LiAlCl₄/γ-Al₂O₃ XU Wenyuan, YAO Chengjiao, XU Yongchang, HONG Sanguo (92)