

中国科技核心期刊
第二届江苏期刊方阵期刊
江苏省一级期刊
Scopus 数据库收录用刊

ISSN 1673-5439
CN 32-1772/TN
CODEN NYXUEG

NANJING YOUDIAN DAXUE XUEBAO

南京邮电大学学报

JOURNAL OF NANJING UNIVERSITY OF
POSTS AND TELECOMMUNICATIONS

自然科学版(ZIRAN KEXUE BAN)

NATURAL SCIENCE



第31卷
Vol.31

第3期
No.3

3
2011

南京邮电大学学报(自然科学版)

2011年6月 第31卷 第3期(总第134期)

目 次

通信与电子

- 离散事件仿真的CPU缓存加速算法 王文鼐,林川,孙虎,高同,孙知信,李刚,董继雄 (1)
一种改进的基于博弈论的动态频谱共享算法 周惟风,朱琦 (6)
基于模式感知的无线异构网络融合方案 曾桂根,韩小燕,陈伏州,郑宝玉 (14)
HIPL改进的Cookie机制研究与设计 何智勇,毛燕琴,沈苏彬 (21)
基于异步分布式检测的协作频谱感知研究 张冰玉,郑宝玉,岳文静 (27)
模幂运算的一个递归算法 邱伟星,韩伟,杨海青,梁成,姜民明 (33)

计算机与自动控制

- 一种基于P2P网络技术的复合知识云模型 徐小龙,熊婧夷,程春玲 (37)
基于区域的立体匹配算法研究 霍智勇,朱秀昌 (44)
一种具有特征有效度的模糊支持向量机 顾成杰,张顺颐,黄河,孙雁飞 (50)
一种实现NGOSS分布式自动化测试的方法 张载龙,王菊 (55)
非完整移动机器人的迭代学习控制 曹科才 (62)
高速长时延拥塞控制的系统稳定性研究 梁伟,张顺颐 (67)
树型数据网格环境下副本放置算法研究 付雄,王汝传 (72)
基于斜帐篷映射的混沌图像加密系统的改进 张爱华,张华,薄禄裕 (79)
社会网络分析中的机器学习技术综述 陈可佳 (83)
Comments on "Capacity Analysis of the Asymptotically Stable Multi-Valued Exponential Bidirectional
Associative Memory" CHEN Lei, YANG Geng, XU Bi-huan (90)

信息材料与光电器件

- 有机场效应晶体管的研究与应用新进展 陈淑芬,戴春雷,牟鑫,袁顺东,翁洁娜,凌启淡,黄维 (94)
脉冲激光线源热弹激发超声导波的数值研究 关建飞 (108)
OCB模式液晶显示器件响应时间研究 郭晴,高志强,密保秀,黄维 (114)

本期责任编辑:胡长贵 本期英文审订:杨庚

期刊基本参数:CN 32-1772/TN * 1960 * b * A4 * 120 * zh * P * ¥8.00 * 1000 * 19 * 2011-06

JOURNAL OF NANJING UNIVERSITY OF POSTS AND TELECOMMUNICATIONS(NATURAL SCIENCE)

Jun. 2011 Vol. 31 No. 3 (Sum. No. 134)

CONTENTS

Communication and Electronics

The CPU Cache Speedup Algorithm for Discrete Event Simulation	WANG Wen-nai, LIN Chuan, SUN Hu, GAO Tong, SUN Zhi-xin, LI Gang, DONG Ji-xiong (1)
An Improved Dynamic Spectrum Sharing Scheme Based on Game Theory	ZHOU Wei-feng, ZHU Qi (6)
Wireless Heterogeneous Network Convergence Scheme Based on Mode Awareness	ZENG Gui-gen, HAN Xiao-yan, CHEN Fu-zhou, ZHENG Bao-yu (14)
Research and Design of Improved HIPL Cookie Mechanism	HE Zhi-yong, MAO Yan-qin, SHEN Su-bin (21)
Cooperative Spectrum Sensing Based on Asynchronous Distributed Detection	ZHANG Bing-yu, ZHENG Bao-yu, YUE Wen-jing (27)
A Recursive Algorithm for Modular Exponentiation Algorithm	QIU Wei-xing, HAN Wei, YANG Hai-qing, LIANG Cheng , JIANG Min-ming (33)

Computer and Automation

A Multiplex Knowledge Cloud Model Based on P2P Network Technology	XU Xiao-long, XIONG Jing-yi, CHENG Chun-ling (37)
Research of Region Based Stereo Matching Algorithms	HUO Zhi-yong, ZHU Xiu-chang (44)
Fuzzy Support Vector Machine with Feature Weighted Degree	GU Cheng-jie, ZHANG Shun-yi, HUANG He, SUN Yan-fei (50)
A Method of Implementing Distributed Automatic Testing for NGOSS	ZHANG Zai-long, WANG Ju (55)
Iterative Learning Control of Nonholonomic Mobile Robots	CAO Ke-cai (62)
On Stability Conditions of Congestion Control in High-speed Long-latency Networks	LIANG Wei, ZHANG Shun-yi (67)
Study on Replica Placement Algorithm in Tree-based Data Grid Environments	FU Xiong, WANG Ru-chuan (72)
A Improvement for Chaotic Image Cryptosystem Based on Skew Tent Map	ZHANG Ai-hua, ZHANG Hua, BO Lu-yu (79)
Machine Learning Techniques in Social Network Analysis; A Survey	CHEN Ke-jia (83)
Comments on "Capacity Analysis of the Asymptotically Stable Multi-Valued Exponential Bidirectional Associative Memory"	CHEN Lei, YANG Geng, XU Bi-huan (90)

Information Materials and Optoelectronic Devices

Progress in Organic Field-Effect Transistor and its Applications	CHEN Shu-fen, DAI Chun-lei, MOU Xin, YUAN Shun-dong, WENG Jie-na, LING Qi-dan, HUANG Wei (94)
Numerical Simulation of Ultrasonic Guide Waves Generated by Pulsed Laser Line Source in Thermoelastic Regime	GUAN Jian-fei (108)
Study on Response Time of OCB Mode LCDs	GUO Qing, GAO Zhi-qiang, MI Bao-xiu, HUANG Wei (114)

Editor: HU Chang-gui English Reviser: YANG Geng