



中国科技核心期刊  
广西优秀自然科学期刊

ISSN 1673-808X

CN 45-1351/TN

# 桂林电子科技大学学报

Journal of Guilin University of  
Electronic Technology

2012

第32卷 第2期

Vol. 32 No. 2

# 桂林电子科技大学学报

第32卷 第2期 (总第119期) 2012年4月25日

## 目 次

- 网络拥塞控制机制发展现状及研究思路探讨 ..... 宋丽华,王海涛(87)  
基于 MMV 模型压缩感知在超宽带穿墙雷达的应用 ..... 刘俞伯(93)  
双频带小型化频率选择表面 ..... 董思乔,梁兴东(97)  
基于数字电路系统的高速 PCB 信号完整性分析 ..... 柴林峰,蒋留兵,柳政枝,黄 韶(101)  
基于小波神经网络的永磁同步直线电机自适应逆控制 ..... 黄深根,徐小平(105)  
基于新一代 GPS 轴线对平面的垂直度误差评定 ..... 鲍家定,张 静,孙永厚(109)  
摩擦片压缩比对低频制动抖动的影响 ..... 王亚南,王冬成,齐智国,刘全林,李 明(114)  
基于光纤陀螺 ARMA 模型的罗经法自主对准工程实现 ..... 陈 臣(118)  
基于小波神经网络的调制信号识别方法 ..... 姜 茜,朱国魂,覃举存(122)  
线上线下结合的实时手势跟踪系统 ..... 王 超,崔更申,黄廷辉,余益民(125)  
基于加权启发式遗传算法的装配序列规划 ..... 刘亚杰,古天龙,徐周波(129)  
基于智能体的 OWL-S 过程模型验证 ..... 骆灵洁,骆翔宇,邹蒙蒙(134)  
基于 DPI 和机器学习的网络流量分类方法 ..... 李国平,王 勇,陶晓玲(140)  
并行 TCP 在 NS2 TCP-Linux 中的实现与分析 ..... 马永侠,叶 进,宋晓燕,黄钟鸣(145)  
基于自适应阈值的提升小波去噪方法 ..... 周光祥,杨丹丹(150)  
蔗糖结晶图像的特征提取与粒度分析 ..... 杨丹丹,朱名日,周光祥(155)  
Zhiber-Shabat 方程的精确行波解 ..... 元艳香,冯大河,韩 虎,胡贝贝(162)  
基于区间数收益率的投资组合选择模型 ..... 范 婷,曾 玲,霍忠诚(167)  
一类基于双正交小波的瀑布型多重网格方法 ..... 胡 昕,李郴良,董白英(170)

本期责任编辑: 梁王欢

期刊基本参数:CN45-1351/TN \* 1981 \* b \* A4 \* 86 \* zh \* P \* ¥7.00 \* 1000 \* 19 \* 2012-4

## Contents

Developments of network congestion control scheme and new research idea discussion .....	Song Lihua, Wang Haitao(87)
The application of CS in ultra-wideband through-wall radar based on MMV model .....	Liu yubo(93)
Dual band miniaturized element frequency selective surfaces .....	Dong Siqiao, Liang Xingdong(97)
High-speed PCB signal integrity analysis based on digital circuit system .....	Chai Linfeng, Jiang Liubing, Liu Zhengzhi, Huang Tao(101)
Wavelet neural network-based adaptive inverse control for PMLSM ...	Huang Shengen, Xu Xiaoping(105)
The perpendicularity error evaluation of axis to plane based on new generation GPS .....	Bao Jiading, Zhang Jing, Sun Yonghou(109)
Experimental research on the vehicle steering wheel wobbling induced by brake judder .....	Wang Yanan, Wang Dongcheng, Qi Zhiguo, Liu Quanlin, Li Ming(114)
Compass method independent alignment of the project implementation based on the ARMA model of fiber gyroscope .....	Chen Chen(118)
A recognition method on modulation signal based on wavelet network .....	Jiang Xi, Zhu Guohun, Qin Jucun(122)
Hand gesture tracking system based on online and offline .....	Wang Chao, Cui Gengshen, Huang Tinghui, Yu Yimin(125)
Assembly sequence planning based on weighted heuristic genetic algorithm .....	Liu Yajie, Gu Tianlong, Xu Zhoubo(129)
The agent-based verification of OWL-S process model .....	Luo Lingjie, Luo Xiangyu, Zou Mengmeng(134)
A novel method for network traffic classification based on DPI and machine learning .....	Li Guoping, Wang Yong, Tao Xiaoling(140)
Implementation and analysis of parallel TCP based on NS2 TCP-Linux .....	Ma Yongxia, Ye Jin, Song Xiaoyan, Huang Zhongming(145)
A lifting wavelet de-noising method based on adaptive threshold ...	Zhou Guangxiang, Yang Dandan(150)
Feature extraction and size analysis of sucrose particle image .....	Yang Dandan, Zhu Mingri, Zhou Guangxiang(155)
Exact traveling wave solutions of the Zhiber-Shabat equation .....	Yuan Yanxiang, Feng Dahe, Han Hu, Hu Beibei(162)
Model for portfolio selection based on interval number return rates .....	Fan Ting, Zeng Ling, Huo Zhongcheng(167)
An biorthogonal wavelet-based cascadic multigrid method .....	Hu Ye, Li Chenliang, Dong Baiying(170)