

北京邮电大学学报

2011年2月 第34卷 第1期

目 次

综 述

- 高速光纤通信中的偏振控制技术 张晓光(1)

论 文

- 考虑节点自主特性的对等网络拓扑优化调整 陈 才 杨放春 苏 森 等(11)
用于中继蜂窝网络的动态频率规划算法 张天魁 曹 禄 栗忠峰 等(16)
交互式过程隐函数云建模系统 徐江斌 杨 超 蒋 杰 等(21)
计算机电磁辐射信息再现分析 杨文翰 吕英华(26)
无线网络中基于博弈论的频率复用 惠蕾放 李建东 陈 丹 等(30)
核 Fisher 判别分析在数字信号分类中的应用 周 欣 吴 琛(35)
IEEE 802.16 带宽请求的性能分析 高圣国 王汉兴(40)
MIMO 中继系统子信道和调制方式联合选择 宋 磊 李立华 高向川 等(45)
跨层负载感知的无线 Mesh 网络拥塞控制 李陶深 韦燕霞 葛志辉(50)
硬件加速的虚拟电磁环境体可视化 杨 超 徐江斌 吴玲达(55)
用模拟退火算法筛选光码分多址混沌码字 尹霄丽 余重秀 张 琦 等(60)
六自由度电磁跟踪系统定位模型与近场校正 殷 勤 陈 彬 熊 润 等(64)
免疫粒子群核模糊聚类快速分形图像编码 吴一全 孙子翼(69)
OFDMA 系统家庭基站的上行容量模型和性能分析 胡春静 段洪涛 王文博(75)
Nakagami- m 信道下 DAF 选择中继的中断性能分析 喻 钢 刘振兴 王 涛(80)
GEVD 辅助的 MMSE 干扰抑制下行多用户 MIMO 系统 高向川 李立华 张 平 等(85)

研 究 报 告

- MIMO 系统中低功耗性能最优的球译码 钱荣荣 漆 渊 彭 涛 等(90)
单边干扰中继信道的分集与复用增益性能分析 赵 嵩 张天魁 曾志民(94)
标准模型下可证安全的身份基签名方案 明 洋 沈晓芹 庞辽军 等(99)
在线聚类的网络流量识别 张 剑 钱宗珏 寿国础 等(103)
区别归一化匹配信道矩阵的有限反馈方案 房 亮 杨茂繁 龚 萍 等(107)
认知无线电网络中合作频谱感知参数优化 宋敬群 薛剑韬 冯志勇 等(111)
多业务网络中支持 QoS 保证的最优定价机制 董元元 邓浩江 倪 宏 等(116)
UWB 信道盲估计的频域递归最小二乘实现 杨 卓 郭黎利 李万臣(121)
下一代移动通信系统中的无线协同定位技术 张一衡 张 翔 邹 杰(126)
利用会话模式的垃圾电话检测 胡 楠 袁庆升 魏更宇 等(130)
模糊双线性关联系统的反馈控制 郭 岗 牛文生(135)
KML 文件的信息隐藏技术 袁 琦 闵 栋 邹俊伟(140)

期刊基本参数：CN 11-3570/TN * 1960 * b * 16 * 144 * zh * P * ¥ 24.00 * 1000 * 29 * 2011-02

JOURNAL OF BEIJING UNIVERSITY OF POSTS AND TELECOMMUNICATIONS

Vol. 34 No. 1 Feb. 2011

CONTENTS

REVIEW

- Progress of Polarization Control Technologies in High Speed Optical Fiber Communications ZHANG Xiao-guang(1)
PAPERS

- An Effective Topology Optimization Approach Considering Peer Autonomous Behavior for P2P Networks CHEN Cai YANG Fang-chun SU Sen, et al(11)
Dynamic Frequency Planning Algorithm for Relay Cellular Networks ZHANG Tian-kui CAO Lu LI Zhong-feng, et al(16)
Interactive Clouds Modeling System Based on Procedural Implicit Volume XU Jiang-bin YANG Chao JIANG Jie, et al(21)
Analysis of Information Recovery from EM Leakage of Computers YANG Wen-han LÜ Ying-hua(26)
On Frequency Reuse of Wireless Networks: a Game Theoretical Perspective HUI Lei-fang LI Jian-dong CHEN Dan, et al(30)
Application of Kernel Fisher Discriminant Analysis to Digital Signal Classification ZHOU Xin WU Ying(35)
Performance Analysis of the Bandwidth Request Scheme for IEEE 802.16 Networks CAO Sheng-guo, WANG Han-xing(40)
Subchannel and Modulation Joint Selection in MIMO Relay Systems SONG Lei LI Li-hua GAO Xiang-chuan, et al(45)
Congestion Control Algorithm Based on Cross-Layer Load-Aware in Wireless Mesh Network LI Tao-shen WEI Yan-xia GE Zhi-hui(50)
Hardware Accelerated Volume Visualization in Virtual Electromagnetic Environment YANG Chao XU Jiang-bin WU Ling-da(55)
Selecting of Chaotic Codes for Optical Code Division Multiple Access Using Simulated Annealing Algorithm YIN Xiao-li YU Chong-xiu ZHANG Qi, et al(60)
Position Model of Six-DOF Electromagnetic Tracker and Near-Field Calibration Technique YIN Qin CHEN Bin XIONG Run, et al(64)
Fast Fractal Image Coding Based on Immunity Particle Swarm Optimization and Fuzzy Kernel Clustering WU Yi-quan SUN Zi-yi(69)
Performance Model and Analysis of Uplink Capacity for Femtocell in OFDMA Systems HU Chun-jing DUAN Hong-tao WANG Wen-bo(75)
Outage Performance of Selection Decode-and-Forward Relay Network over Nakagami- m Fading Channels CHUAI Gang LIU Zhen-Xing WANG Tao(80)
GEVD Aided MMSE Interference Suppression for the Downlink of Multi-User MIMO System GAO Xiang-chuan LI Li-hua ZHANG Ping, et al(85)

REPORTS

- Power-Saving Optimal Sphere Decoding in MIMO System QIAN Rong-rong QI Yuan PENG Tao, et al(90)
On the Performance of the Diversity and Multiplexing Gain in the One-Side Interference Channel with Relay ZHAO Song ZHANG Tian-kui ZENG Zhi-min(94)
Provably Secure Identity-Based Signature Scheme in the Standard Model MING Yang SHEN Xiao-qin PANG Liao-jun, et al(99)
Network Traffic Identification Based on Online Clustering ZHANG Jian QIAN Zong-jue SHOU Guo-chu, et al(103)
Limited Feedback Scheme for Differential Normalized Matched Channel Matrix FANG Liang YANG Mao-fan GONG Ping, et al(107)
Parameters Optimization for Cooperative Spectrum Sensing in Cognitive Radio Networks SONG Jing-qun XUE Jian-tao FENG Zhi-yong, et al(111)
Optimal Pricing Mechanism for Multi-Services Network Supporting QoS Guarantee DONG Yuan-yuan DENG Hao-jiang NI Hong, et al(116)
Frequency Domain Recursive Least Squares Realization of UWB Blind Channel Estimation YANG Zhuo GUO Li-li LI Wan-chen(121)
Wireless Cooperative Localization in the Next-Generation Mobile Communication System ZHANG Yi-heng ZHANG Hao ZOU Jie(126)
A SPIT Detection Method Based on Conversation Pattern HU Nan YUAN Qing-sheng WEI Geng-yu, et al(130)
Feedback Control for a Class of Interconnected Systems Based Fuzzy Bilinear Model GUO Gang NIU Wen-sheng(135)
Information Hiding Technology of KML File YUAN Qi MIN Dong ZOU Jun-wei(140)