

通信学报

第 31 卷第 5 期 2010 年 5 月

目次

学术论文

增强 ad hoc 网络可生存性的健壮多维信任模型	陈深龙, 张玉清 (1)
基于 NN 准则的 IR-UWB 合成脉冲多径信道估计方法	刘志勇, 张钦宇, 张乃通 (10)
基于 LFSN 自相似流量模型的随机突发边界分析	喻 莉, 白 云, 朱光喜 (16)
基于闭环反馈模式的弹性分组环多阻塞点公平算法	程 方, 黄世广, 郁志勇, 张治中 (22)
UC 安全的基于一次签名的广播认证	张俊伟, 马建峰, 杨 力 (31)
标准模型下基于身份的传递签名	马小龙, 谷利泽, 崔 巍, 杨义先, 胡正名 (37)
适用于波长交换光网络 (WSO) 的波长旋转图模型设计	赵继军, 张曙光, 赵文玉 (44)
扩展整数帐篷映射与动态散列函数	刘建东 (51)
Costas 序列在多用户雷达系统中的应用研究	姚建国, 黄 清 (60)
对随机 LSB 隐写术的选择密钥提取攻击	陈嘉勇, 祝跃飞, 张卫明, 刘九芬 (73)
Sos 与高斯的混合噪声中低密度校验码的译码算法	徐志江, 王 亢, 孟利民 (81)
PFM: 一种抗高阶功耗攻击的 SMS4 算法	李 浪, 李仁发, 李 静, 吴克寿 (87)
布尔函数相关免疫性与平衡性关系的研究	李卫卫 (93)

技术报告

ON-CRP: 机会网络缓存替换策略研究	叶 晖, 陈志刚, 赵 明 (98)
SIP 应用的 DoS 检测与响应研究	曾谁飞, 何光宇, 闻英友, 王仁波 (108)

综 述

多视点视频编码的研究现状及其展望	霍俊彦, 常义林, 李 明, 马彦卓 (113)
------------------	--------------------------

短 文

基于预编码设计的载频间干扰抑制	王 霞, 朱世华 (122)
基于 QoS 的无线传感器网络感知调度协议	姚道远, 王海林, 张宝贤, 刘海涛 (128)
线性移位寄存器在安全 RSA 模数中应用的研究	姜正涛, 王 勇, 王永滨, 王育民 (135)

院校报道	封二, 封底
------	--------

Journal on Communications

Vol.31 No.5 May 2010

Contents

Papers

- Robust multi-dimensional trust model for improving the survivability of ad hoc networks.....
..... CHEN Shen-long, ZHANG Yu-qing (1)
- Composite pulse multipath channel estimation method based on NN rule for IR-UWB
..... LIU Zhi-yong, ZHANG Qin-yu, ZHANG Nai-tong (10)
- Stochastic burstiness boundary analysis of LFSN-based self-similar network traffic model..... YU Li, BAI Yun, ZHU Guang-xi (16)
- Closed-ring feedback based multi-choke fairness algorithm for resilient packet rings.....
..... CHENG Fang, HUANG Shi-guang, YU Zhi-yong, ZHANG Zhi-zhong (22)
- UC secure one-time signature based broadcast authentication ZHANG Jun-wei, MA Jian-feng, YANG Li (31)
- ID-based transitive signature schemes without random oracle.....
..... MA Xiao-long, GU Li-ze, CUI Wei, YANG Yi-xian, HU Zheng-ming (37)
- Design of wavelength rotation graph model applied in wavelength switching optical network
..... ZHAO Ji-jun, ZHANG Shu-guang, ZHAO Wen-yu (44)
- Extended integer tent maps and dynamic hash function LIU Jian-dong (51)
- Application study of Costas arrays in multiuser radar systems YAO Jian-guo, HUANG Qing (60)
- Chosen-key extracting attack to random LSB steganography CHEN Jia-yong, ZHU Yue-fei, ZHANG Wei-ming, LIU Jiu-fen (73)
- Robust decoding algorithm for low-density parity-check codes in a mixture of SaS and Gaussian interference.....
..... XU Zhi-jiang, WANG Kang, MENG Li-min (81)
- PFM: a SMS4 algorithm against high-order power analysis attacks LI Lang, LI Ren-fa, LI Jing, WU Ke-shou (87)
- Study of relationships between correlation-immunity and balanceness based on Boolean functions
..... LI Wei-wei (93)

Technical Reports

- ON-CRP: cache replacement policy for opportunistic networks YE Hui, CHEN Zhi-gang, ZHAO Ming (98)
- Research on DoS detection and reaction of SIP application ZENG Shui-fei, HE Guang-yu, WEN Ying-you, WANG Ren-bo(108)

Comprehensive Review

- Study status and prospective of multiview video coding..... HUO Jun-yan, CHANG Yi-lin, LI Ming, MA Yan-zhuo(113)

Concise Papers

- Inter-carrier interference mitigation based on precoder design..... WANG Xia, ZHU Shi-hua(122)
- QoS-based sensing scheduling protocol for wireless sensor networks
..... YAO Dao-yuan, WANG Hai-lin, ZHANG Bao-xian, LIU Hai-tao(128)
- Research on secure RSA modulus based on linear feedback shift register applications
..... JIANG Zheng-tao, WANG Yong, WANG Yong-bin, WANG Yu-min(135)