

中国科技核心期刊
全国中文核心期刊(2004版)
工信部2009-2010年度科技期刊规范化优秀奖

通信技术[®]

Communications Technology

2016 2016年6月 第49卷
第6期 总第294期

ISSN 1002-0802



ISSN 1002-0802 CN51-1167/TN

邮发代号: 62-304

万方数据

中国电子科技集团公司第三十研究所 主办
Sponsored by No.30 Institute of CETC

通信技术
Tongxin Jishu
(1967 年创刊, 月刊)

第 49 卷 第 6 期 (总第 294 期)

2016 年 6 月

目 次

综 述

无线通信物理层安全技术研究与展望.....张子平, 郭道省, 张亚军 (649)

信息处理与传输

- 基于低轨道卫星的激光星潜双向通信研究.....徐 涛, 温 东, 陈晓露 (656)
- 一种双二元 Turbo 码盲识别方法.....范雪林, 王 菊, 胥 桓 (662)
- 一种基于双曲正割函数的变步长 LMS 算法.....王 蒙, 赵建平, 张炳婷 (668)
- 一种改进的变步长 LMS 算法在 Costas 环中的应用.....马丛珊, 高 俊, 姜景艺 (673)
- 子系统码的一个图的构造方法.....陈丙亚, 白姗姗 (679)
- 极化码连续删除算法的改进.....李 纯, 关成涛 (683)
- 放大转发中继网络中的干扰检测.....王 宁, 李聪颖 (687)
- 基于最小二乘法的短波探测设备扫频模式研究.....周思捷, 张海勇, 徐 池 (691)
- 风荷作用下基于 FEKO 的卡塞格伦天线变形分析.....秦焕丁, 姜景艺, 屈晓旭 (697)

网络与系统

- 高精度多通信半径 DV-Hop 定位算法.....孟雯雯, 赵建平, 马淑丽 (701)
- 准静止状态下 HAPS 通信系统蜂窝小区覆盖特性分析.....何攀峰, 程乃平, 崔建华 (711)
- WSNs 中 RPL 路由的研究与下行算法的改进.....孙懋珩, 倪升武 (718)
- V2X 网络中基于跨层设计的分区查找广播算法.....费 凡, 郭爱煌 (723)
- 海浪摇摆下的浮标卫星通信系统性能分析.....唐 超, 卢树军, 朱 江 (729)
- 一种基于通信网络的相继故障模型研究.....刘笑辰, 朱 磊, 夏 苏 (735)
- 基于用户感知的网络规划方法.....文 武, 燕历科 (741)
- RPC-DDSF: 一种基于 RPC 的分布式数据共享框架.....张 磊, 张乾石, 尚利宏 (745)

安全与保密

- 基于策略的 CUC 研究.....罗霄峰, 罗万伯 (751)
- 网络空间安全威胁情报及应用研究.....徐 锐, 陈剑锋, 刘 方 (758)
- 一种基于 RS 纠错码的关系型数据库水印算法.....刘 可, 刘 杰, 刘尚麟 (764)
- 一种基于分级保护的企业即时通信系统的设计与实现.....唐 伟, 刘国山, 王亚翔 (769)

工程与应用

- 基于 ONVIF 协议的设备发现及 PTZ 控制模块的设计.....马术聪, 甘朝钦, 华 健, 夏玮栋, 谢伟伦 (774)
- 基于 QD-SOA-MZI 结构的全光逻辑门的性能优化.....王兆翔, 王海龙, 杨文华, 韦志禄, 龚 谦 (782)
- 基于 chirp 信号的室内导航定位系统设计与实现.....任修坤, 李 珂, 郑娜娥, 朱世磊 (788)
- 基于 SCA 的软件无线电台配置管理设计.....吴 非, 廖文瑜, 牛吉凌 (794)

其 他

征稿启事..... (封三)

COMMUNICATIONS TECHNOLOGY

(Monthly,Started in 1967)

Vol.49 No.6 (Series No.294) Jun.2016

CONTENTS

Technical Overview

Research and Prospect for Physical Layer Secure Technologyin Wireless Communication
..... ZHANG Zi-ping, GUO Dao-xing, ZHANG Ya-jun (649)

Information Processing & Transmission

Scheme Research on Satellite and Submarine Blue-green Laser Two-way Communication Initiated with LEO Satellite
..... XU Tao, WEN Dong, CHEN Xiao-lu (656)

A Blind Recognition Method for the Double-binary Turbo Coding Parameter FAN Xue-lin, WANG Ju, XU Huan (662)

A variable step size LMS algorithm based on hyperbolic secant function WANG Meng, ZHAO Jian-ping, ZHANG Bing-ting (668)

Application of A Modified Variable-step LMS Algorithm in the Costas Loop MA Cong-shan, GAO Jun, LOU Jing-yi (673)

Construction of Subsystem Codes From Graphs CHEN Bing-ya, BAI Shan-shan (679)

A Modified Successive Cancellation Polar Decoder LI Chun, GUAN Cheng-tao (683)

Co-channel Interference Detection for AF Relay Networks WANG Ning, LI Cong-ying (687)

The Short-wave Detection Equipment based on the Method of the Least Squares Frequency Sweep Pattern Research
..... ZHOU Si-jie, ZHANG Hai-yong, XU Chi (691)

The Deformation Analysis of Cassegrain Antenna Under the Force of Wind Load based on FEKO Software
..... QIN Huan-ding, LOU Jing-yi, QU Xiao-xu (697)

Network & System

High precision multi-communication radius Dv-hop localization algorithm MENG Wen-wen, ZHAO Jian-ping, MA Shu-li (701)

Analysisof cellular covering characteristics in Haps communication system under quasi-stationary state
..... HE Pan-feng, CHENG Nai-ping, CUI Jian-hua (711)

RPL Research and Improvement of Down Routing Algorithms in WSNs SUN Mao-heng, NI Sheng-wu (718)

Partition Search Broadcast Algorithm based on Cross-layer Design in V2X Networks FEI Fan, GUO Ai-huang (723)

The Analysis of Satellite Communication based on Buoy Roll motion TANG Chao, LU Shu-jun, ZHU Jiang (729)

A Research Of Modeling Cascading Failure For Communication Networks LIU Xiao-chen, ZHU Lei, XIA Su (735)

Method of Network Planning based on User Perception WEN Wu, YAN Li-ke (741)

RPC-DDSF: A Distributed Data Sharing Framework based on RPC ZHANG Lei, ZHANG Qian-shi, SHANG Li-hong (745)

Security & Privacy

The Study of Policy-based CUC LUO Xiao-feng, LUO Wan-bo (751)

Research on Cyber Threat Intelligence and Applications..... XU Rui, CHEN Jian-feng, LIU Fang (758)

A RS Error Correcting Coding based Watermarking Algorithm for Relational Database LIU Ke, LIU Jie, LIU Shang-lin (764)

The Design and Implement Of An Enterprise Instant Messaging System based on Classification Protection
..... TANG Wei, LIU Guo-shan, WANG Ya-xiang (769)

Engineering & Application

Design and Implementation of Device Discovery and PTZ Control Module in Video Surveillance System based on ONVIF Protocol
..... MA Shu-cong, GAN Chao-qin, HUA Jian, XIA Wei-dong, XIE Wei-lun (774)

Performance Optimization of All Optical Logic Gates based on QD-SOA-MZI Structure
..... WANG Zhao-xiang, WANG Hai-long, YANG Wen-hua, WEI Zhi-lu, GONG Qian (782)

Indoor Navigation and Positioning System Design and Implementation based On Chirp Signal
..... REN Xiu-kun, LI Ke, ZHENG Na-e, ZHU Shi-lei (788)

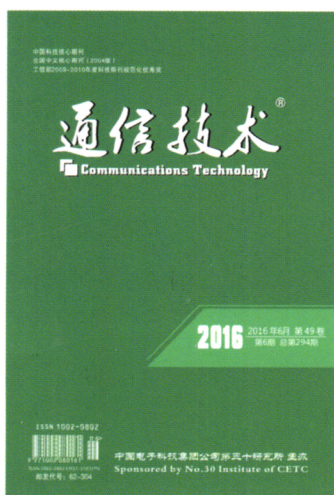
Design of Configure Manage Framework based on SCA SDR Radio.....WU Fei, LIAO Wen-yu, NIU Ji-ling (794)

Miscellaneous

Contributions Invited (Insinde Back Over)

1967年创刊

专业 专注 权威 2016



邮发代号：**62-304**

全年定价**240元**（含邮资）

订阅方式：

1. 邮局汇款：四川成都高新区创业路8号（610041）

《通信技术》编辑部

2. 银行汇款：开户行：交通银行股份有限公司成都创业路支行

开户名：四川信息安全与通信保密杂志社

账 号：511610015010149182009

电话：028-85169918 / 85169919

定价：20元/册