

西安电子科技大学学报(自然科学版)

XI'AN DIANZI KEJI DAXUE XUEBAO

2010 年 12 月

第 37 卷 第 6 期

目 次

- 一种降低预测模式开销的帧内预测方法 元 辉, 常义林, 卢朝阳, 李 明 (981)
采用软合并合作检测的认知无线电系统的吞吐量优化 张 震, 杨家玮, 闫 琦, 肖丽媛 (987)
存在多个干扰时的机会中继性能分析 司江勤, 李 赞, 刘增基, 尹 晶 (993)
一种新的适用于 OFDM 系统的时变信道估计与均衡方案 陈东华, 仇洪冰 (999)
多元量子 LDPC 码的构造与译码 邵军虎, 白宝明, 林 伟, 周 林 (1005)
子带 MCRASC-MGSC 微型麦克风阵语音增强算法 曾庆宁, 欧阳缙 (1011)
一种提高 S 盒非线性度的新算法 高 胜, 马文平, 郭 娜, 严亚俊 (1017)
利用压缩感知的短孔径高分辨 ISAR 成像方法 全英汇, 张 磊, 刘亚波, 张 龙, 保 锋 (1022)
利用压缩感知的逆合成孔径激光雷达成像新方法 戴 博, 张 磊, 唐 禹, 邢孟道 (1027)
椭圆轨道 GEOSAR 特性分析及成像方法研究 包 敏, 李亚超, 邢孟道, 王万林, 李财品 (1033)
采用拟蒙特卡罗法的被动多传感器目标跟踪 郭 辉, 姬红兵, 武 斌 (1042)
两种外辐射源雷达跟踪算法性能分析 李红伟, 王 俊, 刘玉春 (1048)
一种提高距离扩展目标检测性能的新方法 许述文, 水鹏朗 (1053)
一种用于脉冲星信号去噪的新方法 孙景荣, 许录平, 王 轶 (1059)

期刊基本参数:CN61-1076/TN * 1955 * b * A4 * 174 * zh * P * ¥10.00 * 1600 * 30 * 2010-12

本期责任编辑:齐淑娟

- 一种统计 RELAX 方法的 ISAR 成像研究 张 龙, 李亚超, 苏军海, 邢孟道 (1065)
基于局部相似性测度的 SAR 图像多层分割 刘汉强, 焦李成, 赵 凤 (1071)
采用间距优化的阵列天线 RCS 减缩方法研究 王文涛, 刘 英, 龚书喜, 张玉洁, 王 兴 (1077)
考虑工艺波动的两相邻耦合 RC 互连串扰噪声估计 董 刚, 杨 杨, 柴常春, 杨银堂 (1082)
大功率半导体激光器的远场分布特性 商继敏, 曾晓东 (1088)
一种全新的无源超高频标签芯片架构设计 刘伟峰, 庄奕琪, 唐龙飞, 靳 刚 (1092)
强背景噪声下红外目标的鲁棒性跟踪算法 高国旺, 刘上乾, 秦翰林 (1098)
多域环境下的网络存储系统 段新东, 马建峰 (1103)
一类具有高非线性度的密码函数 何业锋, 马文平 (1107)
一种基于属性-值树的求核与约简方法 王晓帆, 王宝树, 柴慧敏 (1111)
多层光网络实时选路算法 郑 巍, 刘三阳, 齐小刚, 陈晓辉 (1119)
一种无线传感器网络数据包转发的博弈论算法 赵永辉, 史浩山 (1125)
一种基于 ITD 参数的数字调制识别算法 李 雪, 田 斌, 詹 毅, 孙永军 (1132)
一种组合时频分布在跳频信号参数估计中的应用 冯 涛, 袁超伟 (1137)
认知无线电最短传输时延路由算法 李 云, 草凤谢, 李嫄源, 曹 倭 (1143)
椭圆拟合的圆环模板摄像机标定 李 龙, 何明一, 李 娜 (1148)

作者更正启事 (1004)

(卷 终)

Contents

- Intra prediction method for reducing prediction mode information
..... YUAN Hui, CHANG Yi-lin, LU Zhao-yang, LI Ming (981)
- Throughput optimization of a cognitive radio system based on cooperative sensing with soft combination
..... ZHANG Wen, YANG Jia-wei, YAN Qi, XIAO Li-yuan (987)
- Performance analysis of opportunistic relaying with multiple interferers
..... SI Jiang-bo, LI Zan, LIU Zeng-ji, YIN Jing (993)
- Novel estimation and equalization of time-variant channels for OFDM system
..... CHEN Dong-hua, QIU Hong-bing (999)
- Construction and decoding of nonbinary quantum LDPC codes
..... SHAO Jun-hu, BAI Bao-ming, LIN Wei, ZHOU Lin (1005)
- Subband MCRASC-MGSC algorithm for speech enhancement with the mini-typed microphone array
..... ZENG Qing-ning, OUYANG Shan (1011)
- Novel method for increasing the nonlinearity of S-Boxes
..... GAO Sheng, MA Wen-ping, GUO Na, YAN Ya-jun (1017)
- Method for achieving high resolution ISAR imaging with short aperture data via compressed sensing
..... QUAN Ying-hui, ZHANG Lei, LIU Ya-bo, ZHANG Long, BAO Zheng (1022)
- Novel imaging method using compressed sensing for the inverse synthetic aperture imaging ladar
..... ZANG Bo, ZHANG Lei, TANG Yu, XING Meng-dao (1027)
- Analysis of the characteristics of geosynchronous SAR in the elliptic orbit and a study of imaging methods
..... BAO Min, LI Ya-chao, XING Meng-dao, WANG Wan-lin, LI Cai-pin (1033)
- Quasi-Monte-Carlo Gaussian particle filter based target tracking for the multiple passive sensor
..... GUO Hui, JI Hong-bing, WU Bin (1042)
- Performance analysis of two passive radar tracking algorithms
..... LI Hong-wei, WANG Jun, LIU Yu-chun (1048)
- New method for improving the performance of range-spread target detection
..... XU Shu-wen, SHUI Peng-lang (1053)
- New denoising method for pulsar signal
..... SUN Jing-rong, XU Lu-ping, WANG Ting (1059)

- Research on the ISAR imaging used statistical RELAX method *ZHANG Long, LI Ya-chao, SU Jun-hai, XING Meng-dao* (1065)
- SAR image multilevel segmentation based on local similarity measure *LIU Han-qiang, JIAO Li-cheng, ZHAO Feng* (1071)
- RCS reduction of the array antenna by optimizing element spacing *WANG Wen-tao, LIU Ying, GONG Shu-xi, ZHANG Yu-jie, WANG Xing* (1077)
- Crosstalk noise estimation of two adjacent RC interconnects with process variations *DONG Gang, YANG Yang, CHAI Chang-chun, YANG Yin-tang* (1082)
- Analysis of far-field properties for a high-power laser diode *SHANG Ji-min, ZENG Xiao-dong* (1088)
- Novel structure design of the passive UHF RFID tag-chip *LIU Wei-feng, ZHUANG Yi-qi, TANG Long-fei, JIN Zhao* (1092)
- Robustness-tracking algorithm for the infrared target under complex background noise *GAO Guo-wang, LIU Shang-qian, QIN Han-lin* (1098)
- Network storage system in multi-domain environments *DUAN Xin-dong, MA Jian-feng* (1103)
- One class of highly nonlinear cryptographic functions *HE Ye-feng, MA Wen-ping* (1107)
- Algorithm based attribute-value-tree for calculation of core and attribute reduction *WANG Xiao-fan, WANG Bao-shu, CHAI Hui-min* (1111)
- Real-time routing algorithm for multi-layer optical networks *ZHENG Wei, LIU San-yang, QI Xiao-gang, CHEN Xiao-hui* (1119)
- Game theoretical packet forwarding algorithm in wireless sensor networks *ZHAO Yong-hui, SHI Hao-shan* (1125)
- Digital modulated signal recognition based on intrinsic time-scale decomposition parameters *LI Xue, TIAN Bin, ZHAN Yi, SUN Yong-jun* (1132)
- Combination of Wigner-Ville distribution and its application to blind parameter estimation of frequency-hopping signals *FENG Tao, YUAN Chao-wei* (1137)
- Routing algorithm based on the smallest transmission delay for cognitive radio networks *LI Yun, QIN Feng-xie, LI Yuan-yuan, CAO Bin* (1143)
- Camera calibration based on the circular pattern and ellipse fitting *LI Long, HE Ming-yi, LI Na* (1148)

(The end of this volume)