

电子与信息学报

DIANZI YU XINXI XUEBAO

第32卷 第8期 2010年8月

目 次

论 文

- 自动目标识别中的图像序列质量评价方法 刁伟鹤, 毛 峡, 常 乐 (1779)
基于贝叶斯约束统计框架的 DT-MRI 脑白质纤维追踪成像 吴 锡, 周激流, 谢明元, 罗代升 (1786)
基于克隆选择和多重空间构造的彩色图像分割 邓晓政, 焦李成, 杨淑媛, 吴秋逸 (1792)
未知频偏下长码直扩信号的盲解扩 牟 青, 魏 平 (1797)
广义稳健的中国剩余定理及其在欠采样率下频率估计中的应用 梁 红, 张 琦, 杨长生 (1802)
基于证据理论的上下文本体建模以及不确定性推理方法 李艳娜, 乔秀全, 李晓峰 (1806)
基于时频图的微动目标运动参数提取和特征识别的方法 王 璐, 刘宏伟 (1812)
基于相干化处理的步进频率 ISAR 成像算法研究 全英汇, 李亚超, 邢孟道, 保 锋 (1818)
基于一维像序列的进动目标尺寸估计研究 毕 莉, 赵 锋, 高勋章, 黎 湘 (1825)
MIMO 阵列雷达检测中的自适应空时编码设计 黄 勇, 关 键, 董云龙 (1831)
宽带和窄带雷达在噪声中的检测性能比较 戴奉周, 刘宏伟, 吴顺君 (1837)
双基地 MIMO 雷达收发角及多普勒频率的联合估计算法 张剑云, 郑志东, 李小波 (1843)
MIMO 雷达等效相位中心误差分析 王怀军, 朱宇涛, 许红波, 粟 毅 (1849)
双基地 ISAR 成像平面研究及目标回波模型修正 董 健, 尚朝轩, 高梅国, 傅雄军 (1855)
基于频谱偏移的 GEO 星机多基 SAR 提高距离分辨率方法 郑经波, 宋红军, 尚秀芹, 吴 勇 (1863)
机载雷达三维空时两级降维自适应处理 向 聪, 冯大政, 和 洁 (1869)
双频雷达测高技术研究 汤子跃, 朱振波, 战立晓, 柴 徐 (1874)
对海面弱流场最佳观测的雷达遥感体制研究 余 颖, 王小青, 朱敏慧 (1879)
复杂卫星抖动下的星敏感器姿态测量数据处理技术 王炳琦, 矫媛媛, 周海银, 武云丽 (1885)
多层卫星网络链路中断容忍路由策略设计 郭炎鑫, 郑 刚 (1892)
LT 码和 φ -LDPC 码级联方案在深空通信中的应用 林永照, 吴成柯, 刘 薇 (1898)
星载 SpaceWire 路由器的研究与设计 毛春静, 关 永, David Jungwirth (1904)
上行 MU-MIMO 系统中渐近最优的最大特征波束成型技术 汪 浩, 林孝康 (1910)
分布式空频编码协同通信系统分段 ML 迭代检测算法 俞晓帆, 赵春明 (1914)
DF 协作中继网络基于买者/卖者博弈的中继选择和功率分配策略
..... 柯 峰, 冯穗力, 胡 洁, 庄宏成 (1920)
基于最优波束成型的中继增强型无线通信系统的性能分析 傅友华, 赵 睿, 杨绿溪 (1926)
物理层网络编码在数据会聚无线自组织网络中的容量增益研究 陈 晨, 程海川, 依 那, 项海格 (1932)
一种基于 LTE TDD 系统上行同步控制算法 陈 禹, 温向明, 郑 伟 (1938)
乘性噪声环境下基于符号秩统计量的非参伪码捕获方法 沈 锋, 徐定杰, 吕东泽 (1943)
通用可组合的三方口令认证密钥交换协议 邓焱磊, 王玉磊, 周利华 (1948)
对强化 MD 结构杂凑函数的一个新的“牧群”攻击 陈士伟, 金晨辉 (1953)
一种应用于不可分层 LDPC 码的并行分层译码算法 郭 琨, 黑 勇, 周玉梅, 乔树山 (1956)
无线网络中高效的匿名漫游安全协议 金海曼, 许胤龙, 王 石 (1961)
一种新的无线传感器节点的连续参数功耗模型 刘 伟, 罗 嶙, 杨华中 (1968)
基于移动 Agent 和 WSN 的突发事件场景数据收集算法研究 袁凌云, 王兴超, 徐天伟 (1974)

- 基于可重构路由器装配的构件候选集生成方法研究 刘强, 汪斌强, 刘海成 (1980)
具有高稳定性的模式选择电路回旋行波管放大器 杜朝海, 刘濮鲲, 薛谦忠, 张世昌 (1986)
- 研究简报**
- 基于单通道 SAR 多子孔径空频处理的动目标检测算法 刘书君, 袁运能, 毛士艺 (1992)
基于 MIMO-SAR 体制的空频域自适应动目标检测技术研究 张晓光, 刘祥峰, 付琨 (1997)
低电离层舒曼谐振观测 曹丙霞, 乔晓林 (2002)
一种两步判决的说话人分割算法 杨继臣, 贺前华, 李艳雄, 王伟凝 (2006)
STBC 块传输系统中的一种新型分集合并算法 王杰令, 刘祖军, 田红心, 杨宏, 易克初 (2010)
分组排列模式下图像加密算法的扩散性能分析与实现 周庆, 胡月, 廖晓峰 (2015)
一种基于 Doolittle LU 分解的线性方程组并行求解方法 徐晓飞, 曹祥玉, 姚旭, 陈盼 (2019)
基于单驱动和多驱动通道形式组合的 FPGA 互连结构研究 李威, 杨海钢, 黄娟 (2023)
SiGe HBT 低噪声放大器的设计与制造 沈璐, 张万荣, 金冬月, 谢红云 (2028)
- 学术活动**
- 中国电子学会电子线路与系统分会第二十二届学术年会征文通知 (1931)

JOURNAL OF ELECTRONICS & INFORMATION TECHNOLOGY

Vol.32 No.8 Aug. 2010

CONTENTS

Papers

- Quality Estimation of Image Sequence for Automatic Target Recognition *Diao Wei-he, Mao Xia, Chang Le* (1779)
- A Bayesian Constraint Stochastic Framework for DT-MRI White Matter Fiber Tractography
..... *Wu Xi, Zhou Ji-liu, Xie Ming-yuan, Luo Dai-sheng* (1786)
- Color Image Segmentation in a Multidimensional Space Based on Clonal Selection Algorithm
..... *Deng Xiao-zheng, Jiao Li-cheng, Yang Shu-yuan, Wu Qiu-yi* (1792)
- Blind Despread of Long-code DS-SS Signals with Unknown Carrier Offset *Mou Qing, Wei Ping* (1797)
- A Generalized Robust Chinese Remainder Theorem and Its Application to Frequency Estimation with
Undersampling *Liang Hong, Zhang Qi, Yang Chang-sheng* (1802)
- An Uncertain Context Ontology Modeling and Reasoning Approach Based on D-S Theory
..... *Li Yan-na, Qiao Xiu-quan, Li Xiao-feng* (1806)
- Method for Micro-motion Target Recognition and Motion Parameter Extraction Based on Time-frequency
Analysis *Wang Lu, Liu Hong-wei* (1812)
- Study on LMFS ISAR Imaging Algorithm Based on Coherence Processing
..... *Quan Ying-hui, Li Ya-chao, Xing Meng-dao, Bao Zheng* (1818)
- Study on Precessional Target's Dimension Estimation Based on HRRPs
..... *Bi Li, Zhao Feng, Gao Xun-zhang, Li Xiang* (1825)
- Adaptive Space-time Coding Design for MIMO Array Radar Detection .. *Huang Yong, Guan Jian, Dong Yun-long* (1831)
- Detection Performance Comparison for Wideband and Narrowband Radar in Noise
..... *Dai Feng-zhou, Liu Hong-wei, Wu Shun-jun* (1837)
- An Algorithm for DOD-DOA and Doppler Frequency Jointly Estimating of Bistatic MIMO Radar
..... *Zhang Jian-yun, Zheng Zhi-dong, Li Xiao-bo* (1843)
- Analysis of Displaced Phase Center Error in MIMO Radar *Wang Huai-jun, Zhu Yu-tao, Xu Hong-bo, Su Yi* (1849)
- The Image Plane Analysis and Echo Model Amendment of Bistatic ISAR
..... *Dong Jian, Shang Chao-xuan, Gao Mei-guo, Fu Xiong-jun* (1855)
- An Algorithm Based on Spectrum Shift for Improving Range Resolution Using GEO Spaceborne/Airborne
Multistatic SAR *Zheng Jing-bo, Song Hong-jun, Shang Xiu-qin, Wu Yong* (1863)
- Three-dimensional Spatial-temporal Two-step Dimension-reduced Adaptive Processing for Airborne Radar
..... *Xiang Cong, Feng Da-zheng, He Jie* (1869)
- Research on Height Finding Technique for Dual-frequency Radar
..... *Tang Zi-yue, Zhu Zhen-bo, Zhan Li-xiao, Chai Xu* (1874)
- Study on Optimal Radar System for Observation of Weak Current on Ocean Surface
..... *Yu Ying, Wang Xiao-qing, Zhu Min-hui* (1879)
- Star Sensor Attitude Measuring Data Processing Technique in Condition of Complex Satellite Dithering
..... *Wang Jiong-qi, Jiao Yuan-yuan, Zhou Hai-yin, Wu Yun-li* (1885)
- Design of a Link Disruption Tolerant Routing Strategy in Multilayered Satellite Network
..... *Guo Yan-xin, Zheng Gang* (1892)
- Application of the Concatenation of q -LDPC and Luby Transform Codes in Deep Communications
..... *Lin Yong-zhao, Wu Cheng-ke, Liu Wei* (1898)
- Research and Design of On-board Dynamic SpaceWire Router *Mao Chun-jing, Guan Yong, David Jungwirth* (1904)
- Asymptotically Optimal Maximum Eigenmode Beamforming Technique in Uplink MU-MIMO Systems
..... *Wang Hao, Lin Xiao-kang* (1910)

(To be continued on inside back cover)

(Continued)

- | | | |
|--|---|--------|
| Segmented Maximum Likelihood Iterative Detection of Distributed Space-frequency Coded Cooperative Communication System | <i>Yu Xiao-fan, Zhao Chun-ming</i> | (1914) |
| Relay Selection and Power Allocation Strategy for Decode-and-Forward (DF) Cooperative Relay Network Based on Buyer/Seller Game | <i>Ke Feng, Feng Sui-li, Hu Jie, Zhuang Hong-cheng</i> | (1920) |
| Performance Analysis of Optimal Beamforming in Relay-enhanced Wireless Communication Systems | <i>Fu You-hua, Zhao Rui, Yang Lu-xi</i> | (1926) |
| Study on the Capacity Benefit of Physical-layer Network Coding for Wireless Data-gathering Ad hoc Networks | <i>Chen Chen, Cheng Hai-chuan, Yi Na, Xiang Hai-ge</i> | (1932) |
| Research on Uplink Synchronous Control in LTE TDD System | <i>Chen Yu, Wen Xiang-ming, Zheng Wei</i> | (1938) |
| A Method of PN Code Acquisition Using Signed-rank-based Nonparametric Detector in Multiplicative Noise | <i>Shen Feng, Xu Ding-jie, Lü Dong-ze</i> | (1943) |
| Universally Composable Three Party Password-authenticated Key Exchange Protocol | <i>Deng Miao-lei, Wang Yu-lei, Zhou Li-hua</i> | (1948) |
| A New Herding Attack on Hash Functions with Strengthening Merkle-Damagard (MD) Construction | <i>Chen Shi-wei, Jin Chen-hui</i> | (1953) |
| A Parallel Layered Decoding Algorithm for Non-layered LDPC Codes | <i>Guo Kun, Hei Yong, Zhou Yu-me, Qiao Shu-shan</i> | (1956) |
| Highly Efficient Anonymous Roaming For Wireless Network | <i>Jin Hai-min, Xu Yin-long, Wong S. Duncan</i> | (1961) |
| A Novel Power Model with Continuous Parameters for Wireless Sensor Nodes | <i>Liu Wei, Luo Rong, Yang Hua-zhong</i> | (1968) |
| Data Gathering Algorithm Based on Mobile Agent and WSN for Emergent Event Monitoring | <i>Yuan Ling-yun, Wang Xing-chao, Xu Tian-wei</i> | (1974) |
| Research on Component Candidate Set Generation Method Based on the Component Composition of the Reconfiguration Router Unit | <i>Liu Qiang, Wang Bin-qiang, Liu Hai-cheng</i> | (1980) |
| A Mode-selective-circuit Gyrotron-traveling-wave Amplifier with High Stability | <i>Du Chao-hai, Liu Pu-kun, Xue Qian-zhong, Zhang Shi-chang</i> | (1986) |
| Research Notes | | |
| The Method of Sub-apertures Space-frequency Processing for the Single-channel SAR Moving Target Detection | <i>Liu Shu-jun, Yuan Yun-neng, Mao Shi-yi</i> | (1992) |
| Study on Ground Moving Target Indication of Multiple Input Multiple Output Space-borne SAR | <i>Zhang Xiao-guang, Liu Xiang-feng, Fu Kun</i> | (1997) |
| Observations on Schumann Resonance in Low Ionosphere | <i>Cao Bing-Xia, Qiao Xiao-Lin</i> | (2002) |
| A Two-step Criterion Algorithm of Speaker Segmentation | <i>Yang Ji-chen, He Qian-hua, Li Yan-xiong, Wang Wei-ning</i> | (2006) |
| A Novel Diversity Algorithm in STBC Block Transmission System | <i>Wang Jie-ling, Liu Zu-jun, Tian Hong-xin, Yang Hong, Yi Ke-chu</i> | (2010) |
| Analysis of the Diffusion Property of Image Encryption Algorithm in Block-and-permutation Mode and Its Implementation | <i>Zhou Qing, Hu Yue, Liao Xiao-feng</i> | (2015) |
| Parallel Solving Method of Linear Equations Based on Doolittle LU Decomposition | <i>Xu Xiao-fei, Cao Xiang-yu, Yao Xu, Chen Pan</i> | (2019) |
| Optimal Design for FPGA Interconnect Based on Combinations of Single-driver and Multi-driver Wires | <i>Li Wei, Yang Hai-gang, Huang Juan</i> | (2023) |
| Design and Fabrication of SiGe HBT Low Noise Amplifier | <i>Shen Pei, Zhang Wan-rong, Jin Dong-yue, Xie Hong-yun</i> | (2028) |