

电子与信息学报

DIANZI YU XINXI XUEBAO

第 40 卷 第 12 期

2018 年 12 月

目 次

论 文

- 基于聚类识别的极化 SAR 图像分类.....魏志强, 毕海霞 (2795)
- 基于优化字典学习的遥感图像融合方法.....刘帆, 裴晓鹏, 张静, 陈泽华 (2804)
- 基于可变形卷积神经网络的遥感影像密集区域车辆检测方法.....
.....高鑫, 李慧, 张义, 闫梦龙, 张宗朔, 孙显, 孙皓, 于泓峰 (2812)
- 前视多通道合成孔径雷达解模糊成像方法.....卢景月, 张磊, 王冠勇 (2820)
- 基于删失数据的低通信量融合检测方法.....曹鼎, 周生华, 刘宏伟, 高畅, 邵志强 (2826)
- 基于回波的多子带 SAR 系统载频误差补偿方法研究.....
.....方素娟, 李光祚, 张益霏, 郁文贤, 吴一戎 (2834)
- 基于载波域自适应迭代滤波器的无源雷达多径杂波抑制方法.....
.....赵志欣, 周新华, 洪升, 翁涛, 王玉皞 (2841)
- 一种 SAR 分布目标可分辨概率精确计算方法.....王岩飞, 陈新星 (2848)
- 雷达目标三维散射中心位置正向推导和分析.....
.....张磊, 何思远, 朱国强, 张云华, 殷红成, 闫华 (2854)
- 多目标跟踪中基于目标威胁度评估的传感器控制方法.....陈辉, 贺忠良, 连峰, 李晨 (2861)
- 基于信号分布混合假设检验的 Wi-Fi 室内定位方法.....
.....周牧, 耿小龙, 谢良波, 田增山, 卫亚聪 (2868)
- 导向矢量和协方差矩阵联合迭代估计的稳健波束形成算法.....
.....杨志伟, 张攀, 陈颖, 许华健 (2874)
- 一种自动匹配的分布式非圆信号二维 DOA 快速估计方法.....崔维嘉, 代正亮, 王大鸣, 李祥志 (2881)
- 应用于 WiFi 室内定位的自适应仿射传播聚类算法.....胡久松, 刘宏立, 肖郭璇, 徐琨 (2889)
- 基于卷积神经网络与全局优化的协同显著性检测.....
.....吴泽民, 王军, 胡磊, 田畅, 曾明勇, 杜麟 (2896)
- 用多频带能量分布检测低信噪比声音事件.....李应, 吴灵菲 (2905)
- 混合噪声下基于 Viterbi 同步压缩 S 变换的 FM 信号分析.....朱明哲, 肖瑞, 苏小凡, 王广辉 (2913)
- 短阶相干系数加权的平面波复合成像算法.....郑驰超, 张路南, 王浩, 彭虎 (2919)
- 基于高斯化-广义匹配的脉冲型噪声处理方法研究.....罗忠涛, 卢鹏, 张杨勇, 张刚 (2928)
- 基于 AVS2 的色度扩展视频编码的设计和实现.....王淑慧 (2936)
- 基于小波的稳健光流计算方法.....王洪雁, 郑佳, 裴炳南 (2945)
- 基于相对移动性预测的 k 跳 AdHoc 网络分簇算法.....
.....孟洛明, 江彦馥, 刘彦君, 苏汉, 徐思雅, 亓峰 (2954)
- 非正交多址接入系统中基于受限马尔科夫决策过程的网络切片虚拟资源分配算法.....
.....唐伦, 施颖洁, 杨希希, 陈前斌 (2962)
- 基于迭代并行干扰消除的低复杂度大规模 MIMO 信号检测算法.....
.....申滨, 赵书锋, 金纯 (2970)

云无线接入网络高能效功率分配和波束成形联合优化算法.....	左加阔, 杨龙祥, 鲍楠, 卢官明	(2979)
Lai-Massey 结构平均差分概率和平均线性链概率的上界估计.....	凡如亚, 金晨辉, 崔霆	(2986)
Z_4 上周期为 $2p^2$ 的四元广义分圆序列的线性复杂度.....	杜小妮, 赵丽萍, 王莲花	(2992)
可验证外包解密的离线/在线属性基加密方案.....	赵志远, 孙磊, 户家富, 周时娥	(2998)
新的具有隐私保护功能的异构聚合签名方案.....		
.....	张玉磊, 刘祥震, 郎晓丽, 陈文娟, 王彩芬	(3007)
无线供电混合多址接入网络的资源分配.....		
.....	张广驰, 曾志超, 崔苗, 林凡	(3013)
物联网中基于相似性计算的传感器搜索.....	刘素艳, 刘元安, 吴帆, 范文浩	(3020)
基于软件定义网络的服务器集群负载均衡技术研究.....	于天放, 芮兰兰, 邱雪松	(3028)
微型电场传感器在工频电场测量中的应用研究.....		
.....	仝杰, 雷煜卿, 刘国华, 王鹤, 金学明, 杨鹏飞, 彭春荣	(3036)
高吞吐率双模浮点可重构 FFT 处理器设计实现.....	魏星, 黄志洪, 杨海钢	(3042)

JOURNAL OF ELECTRONICS & INFORMATION TECHNOLOGY

Vol.40 No.12 December 2018

CONTENTS

Papers

- PolSAR Image Classification Based on Discriminative Clustering. WEI Zhiqiang, BI Haixia (2795)
- Remote Sensing Image Fusion Based on Optimized Dictionary Learning.
. LIU Fan, PEI Xiaopeng, ZHANG Jing, CHEN Zehua (2804)
- Vehicle Detection in Remote Sensing Images of Dense Areas Based on Deformable Convolution Neural Network.
. GAO Xin, LI Hui, ZHANG Yi, YAN Menglong, ZHANG Zongshuo, SUN Xian, SUN Hao, YU Hongfeng (2812)
- Ambiguity Resolving and Imaging Algorithm for Multi-channel Forward-looking Synthetic Aperture Radar.
. LU Jingyue, ZHANG Lei, WANG Guanyong (2820)
- A Low-communication-rate Fusion Approach Based on Censored Data.
. CAO Ding, ZHOU Shenghua, LIU Hongwei, GAO Chang, SHAO Zhiqiang (2826)
- Method for Frequency Error Compensation Based on Raw Data for SAR System with Bandwidth Synthesis.
. FANG Sujuan, LI Guangzuo, ZHANG Yifei, YU Wenxian, WU Yirong (2834)
- Multipath Clutter Rejection Approach Based on Carrier Domain Adaptive Iterative Filter in Passive Bistatic Radar
. ZHAO Zhixin, ZHOU Xinhua, HONG Sheng, WENG Tao, WANG Yuhao (2841)
- A Precise Method for Calculating the Resolution of SAR Distribution Targets.
. WANG Yanfei, CHEN Xinxing (2848)
- Forward Derivation and Analysis for 3-D Scattering Center Position of Radar Target.
. ZHANG Lei, HE Siyuan, ZHU Guoqiang, ZHANG Yunhua, YIN Hongcheng, YAN Hua (2854)
- Threat Assessment Based Sensor Control for Multi-target Tracking.
. CHEN Hui, HE Zhongliang, LIAN Feng, LI Chen (2861)
- Wi-Fi Indoor Localization Based on Hybrid Hypothesis Test of Signal Distribution.
. ZHOU Mu, GENG Xiaolong, XIE Liangbo, TIAN Zengshan, WEI Yacong (2868)
- Steering Vector and Covariance Matrix Joint Iterative Estimations for Robust Beamforming.
. YANG Zhiwei, ZHANG Pan, CHEN Ying, XU Huajian (2874)
- Fast Two-dimensional DOA Estimation for Coherently Distributed Noncircular Signals with Automatic Pairing
. CUI Weijia, DAI Zhengliang, WANG Daming, LI Xiangzhi (2881)
- Adaptive Affine Propagation Clustering Algorithm for WiFi Indoor Positioning.
. HU Jiulong, LIU Hongli, XIAO Guoxuan, XU Kun (2889)
- Co-saliency Detection Based on Convolutional Neural Network and Global Optimization.
. WU Zemin, WANG Jun, HU Lei, TIAN Chang, ZENG Mingyong, DU Lin (2896)
- Detection of Sound Event under Low SNR Using Multi-band Power Distribution.
. LI Ying, WU Lingfei (2905)
- Analysis of FM Signals Based on Viterbi Synchrosqueezing S-transform in Mixture Noise.
. ZHU Mingzhe, XIAO Rui, SU Xiaofan, WANG Guanghui (2913)
- Plane-wave Compounding with Short-lag Coherence Factor Weighting.
. ZHENG Chichao, ZHANG Lunan, WANG Hao, PENG Hu (2919)
- A Novel Method for Nonlinear Processing in Impulsive Noise Based on Gaussianization and Generalized Matching
. LUO Zhongtao, LU Peng, ZHANG Yangyong, ZHANG Gang (2928)
- Design and Implementation for Chroma Extensions Video Coding Based on AVS2 Platform.
. WANG Shuhui (2936)

(To be continued on inside back cover)

(Continued)

A Robust Optical Flow Calculation Method Based on Wavelet.	
.....	<i>WANG Hongyan, ZHENG Jia, PEI Bingnan</i> (2945)
Relative Mobility Prediction Based k -Hop Clustering Algorithm in AdHoc Networks.	
.....	<i>MENG Luoming, JIANG Yanfu, LIU Yanjun, SU Han, XU Siya, QI Feng</i> (2954)
Network Slice Virtual Resource Allocation Algorithm Based on Constrained Markov Decision Process in Non-orthogonal Multiple Access.	<i>TANG Lun, SHI Yingjie, YANY Xixi, CHEN Qianbin</i> (2962)
Low Complexity Iterative Parallel Interference Cancellation Detection Algorithms for Massive MIMO Systems.	
.....	<i>SHEN Bin, ZHAO Shufeng, JIN Chun</i> (2970)
Energy Efficient Joint Power Allocation and Beamforming for Cloud Radio Access Network.	
.....	<i>ZUO Jiakuo, YANG Longxiang, BAO Nan, LU Guanming</i> (2979)
Upper Bound Estimation of Average Differential Probability and Average Linear Chains Probability of Lai-Massey Structure.	<i>FAN Ruya, JIN Chenhui, CUI Ting</i> (2986)
Linear Complexity of Quaternary Sequences over Z_4 Derived from Generalized Cyclotomic Classes Modulo $2p^2$	<i>DU Xiaoni, ZHAO Liping, WANG Lianhua</i> (2992)
Efficient Offline/Online Attribute Based Encryption with Verifiable Outsourced Decryption.	
.....	<i>ZHAO Zhiyuan, SUN Lei, HU Jiafu, ZHOU Shie</i> (2998)
New Privacy Preserving Aggregate Signcryption for Heterogeneous Systems.	
.....	<i>ZHANG Yulei, LIU Xiangzhen, LANG Xiaoli, CHEN Wenjuan, WANG Caifen</i> (3007)
Resource Allocation for Wireless Powered Hybrid Multiple Access Networks.	
.....	<i>ZHANG Guangchi, ZENG Zhichao, CUI Miao, LIN Fan</i> (3013)
Sensor Search Based on Sensor Similarity Computing in the Internet of Things.	
.....	<i>LIU Suyan, LIU Yuanan, WU Fan, FAN Wenhao</i> (3020)
Research on SDN-based Load Balancing Technology of Server Cluster.	
.....	<i>YU Tianfang, RUI Lanlan, QIU Xuesong</i> (3028)
Power-frequency Electric Field Measurement Using a Micromachined Electric Field Sensor.	
.....	<i>TONG Jie, LEI Yuqing, LIU Guohua, WANG He, JIN Xueming, YANG Pengfei, PENG Chunrong</i> (3036)
High Throughput Dual-mode Reconfigurable Floating-point FFT Processor.	
.....	<i>WEI Xing, HUANG Zhihong, YANG Haigang</i> (3042)