

电子与信息学报

DIANZI YU XINXI XUEBAO

第 40 卷 第 10 期

2018 年 10 月

目 次

论 文

- LTE-A 网络中 D2D 通信的资源分配算法研究..... 钱志鸿, 阎双叶, 田春生, 王 鑫 (2287)
- 基于低精度量化的大规模 MIMO-OFDM 系统可达速率的研究.....
..... 陶 成, 郑文博, 李泳志, 刘 留 (2294)
- 一种基于随机散射簇的非平稳 3D 空间信道模型..... 张 薇, 段京京, 王岩松 (2301)
- 基于部分码字消息传递的 SCMA 多用户检测算法..... 葛文萍, 张雪婉, 吴 雄, 代文丽 (2309)
- 基于 B-LM 圆环模型的 NLOS 信息约束单基站定位算法.....
..... 田增山, 舒月月, 周 牧, 李 勇, 李 泽 (2316)
- 非理想信道下基于人工噪声的密集异构蜂窝网安全传输方案.....
..... 许耘嘉, 黄开枝, 李 军, 陈亚军 (2323)
- 非正交-码索引调制方法..... 葛利嘉, 江治林, 冯 胜, 杨 勤 (2331)
- 基于次用户功率控制辅助的合作频谱感知..... 申 滨, 王志强, 青 晗 (2337)
- 基于时频联合碎片感知的资源均衡虚拟光网络映射算法.....
..... 刘焕淋, 胡 浩, 熊翠连, 陈 勇, 向 敏, 马 跃 (2345)
- Plateaued 函数的构造方法研究..... 孙天锋, 胡 斌, 杨 阳 (2352)
- 一种新的无线传感器网络中异常节点检测定位算法..... 蒋俊正, 杨 杰, 欧阳缮 (2358)
- 基于对称 KL 距离的用户行为时序聚类方法..... 李文璟, 曾祥健, 李 梦, 喻 鹏 (2365)
- 基于多模型的实时压缩跟踪算法..... 张建明, 金晓康, 吴宏林, 伍 悠 (2373)
- 平移变化性相似性学习的行人重识别算法..... 陈 兵, 查宇飞, 李运强, 张胜杰, 张园强 (2381)
- 基于透射率权值因子的雾天图像融合增强算法..... 江巨浪, 孙 伟, 王振东, 朱 柱, 郑江云 (2388)
- 融合空间-时间双网络流和视觉注意的人体行为识别.....
..... 刘天亮, 谯庆伟, 万俊伟, 戴修斌, 罗杰波 (2395)
- 基于 q 梯度的仿射投影算法及其稳态均方收敛分析.....
..... 王世元, 史春芬, 蒋云翔, 王文月, 钱国兵 (2402)
- 基于 BFGS 拟牛顿法的压缩感知 SLO 重构算法..... 孙 娜, 刘继文, 肖东亮 (2408)
- 基于辅助阵元的近场源幅相误差校正算法..... 倪萌钰, 陈 辉, 校 松, 倪柳柳, 张佳佳 (2415)
- 转弯畸变拖曳阵声呐鲁棒 Capon 波束形成方法..... 薄连坤, 张晓勇, 熊瑾煜 (2423)
- 基于信号-数据联合处理的压制-距离欺骗复合干扰抑制算法.....
..... 王国宏, 白 杰, 孙殿星, 张翔宇 (2430)
- 北斗 B1C 频点正交复用二进制偏移载波信号调波设计方法..... 李文刚, 黄 辰, 王屹伟 (2438)
- 一种近似动态规划的无人机机动决策方法..... 黄长强, 赵克新, 韩邦杰, 魏政磊 (2447)
- 基于视觉物体识别的抗差岭估计定位算法..... 徐昊玮, 廉保旺, 邹晓军, 岳 哲, 吴 鹏 (2453)
- 基于体散射约束的极化 SAR 相干变化检测方法..... 冀广宇, 梁兴东, 董勇伟, 李焱磊 (2461)
- 星载大斜视聚束 SAR 变 PRI 成像技术研究..... 王 沛, 徐 伟, 李 宁, 禹卫东 (2470)

基于自适应波段聚类主成分分析和反向传播神经网络的高光谱图像压缩.....	陈善学, 张燕琪	(2478)
低信噪比下双基地 ISAR 一维距离成像分辨率增强方法.....		
.....	陈文峰, 吕明久, 夏赛强, 向 龙, 杨 军, 马晓岩	(2484)
目标个数未知时双基地 MIMO 雷达多目标角度跟踪算法研究.....	张正言, 张剑云, 周青松	(2491)
基于 LTE 信号的外辐射源雷达副峰特性及抑制方法研究.....	吕晓德, 张汉良, 杨璟茂, 岳 琦	(2498)
近距离慢速目标检测杂波抑制方法.....	郑 霖, 姚伟伟, 杨 超, 仇洪冰	(2506)
基于 Block Gibbs 的航空公司外航服务人员排班算法.....	卢 敏, 王 莉, 唐 菱	(2513)
基于双仲裁机制和田口正交法的猫群优化任务调度算法..		
.....	张兴明, 殷从月, 魏 帅, 叶盛钊, 吕 平	(2521)
基于双层网格的海上电磁波传播模型研究.....	崔萌达, 察 豪, 田 斌, 王 群	(2529)
覆膜浸渍扩散阴极表面微区电子发射像研究.....		
.....	阴生毅, 任 峰, 卢志鹏, 张永清, 张申金, 杨 峰, 卫 东, 邯 娇, 李 阳	(2535)

JOURNAL OF ELECTRONICS & INFORMATION TECHNOLOGY

Vol.40 No.10 October 2018

CONTENTS

Papers

- Research on Resource Allocation Algorithm for D2D Communications Underlying LTE-A Networks.
..... QIAN Zhihong, YAN Shuangye, TIAN Chunsheng, WANG Xin (2287)
- Achievable Rate Analysis on Massive MIMO-OFDM Systems with Low-resolution ADC.
..... TAO Cheng, ZHENG Wenbo, LI Yongzhi, LIU Liu (2294)
- A Non-stationary 3D Spatial Channel Model Based on Stochastic Scattering Cluster.
..... ZHANG Wei, DUAN Jingjing, WANG Yansong (2301)
- Message Passing Multiuser Detection Algorithm for SCMA Based on Partial Codewords Searching.
..... GE Wenping, ZHANG Xuewan, WU Xiong, DAI Wenli (2309)
- Single Base Station Localization Algorithm Based on B-LM Ring of Scattering Model Using NLOS Information.
..... TIAN Zengshan, SHU Yueyue, ZHOU Mu, LI Yong, LI Ze (2316)
- Artificial Noise Aided Secure Transmission in Dense Heterogeneous Cellular Networks with Imperfect Channel State
Information. XU Yunjia, HUANG Kaizhi, LI Jun, CHEN Yajun (2323)
- Non-orthogonal-code Index Modulation. GE Lijia, JIANG Zhilin, FENG Sheng, YANG Qin (2331)
- Secondary User Power Control Aided Cooperative Spectrum Sensing. SHEN Bin, WANG Zhiqiang, QING Han (2337)
- Resources Balancing Algorithm Based on the Time-frequency Fragment Awareness for Virtual Optical Network
Mapping. LIU Huanlin, HU Hao, XIONG Cuilian, CHEN Yong, XIANG Min, MA Yue (2345)
- Research on the Construction of Plateaued Functions. SUN Tianfeng, HU Bin, YANG Yang (2352)
- Novel Method for Outlier Nodes Detection and Localization in Wireless Sensor Networks.
..... JIANG Junzheng, YANG Jie, OUYANG Shan (2358)
- Time Series Method Clustering in User Behavior Based on Symmetric Kullback-Leibler Distance.
..... LI Wenjing, ZENG Xiangjian, LI Meng, YU Peng (2365)
- Multi-model Real-time Compressive Tracking. ZHANG Jianming, JIN Xiaokang, WU Honglin, WU You (2373)
- Shift-variant Similarity Learning for Person Re-identification.
..... CHEN Bing, ZHA Yufei, LI Yunqiang, ZHANG Shengjie, ZHANG Yuanqiang (2381)
- Integrated Enhancement Algorithm for Hazy Image Using Transmittance as Weighting Factor.
..... JIANG Julang, SUN Wei, WANG Zhendong, ZHU Zhu, ZHENG Jianguyun (2388)
- Human Action Recognition via Spatio-temporal Dual Network Flow and Visual Attention Fusion.
..... LIU Tianliang, QIAO Qingwei, WAN Junwei, DAI Xiubin, LUO Jiebo (2395)
- q -affine Projection Algorithm and Its Steady-state Mean Square Convergence Analysis.
..... WANG Shiyuan, SHI Chunfen, JIANG Yunxiang, WANG Wenyue, QIAN Guobing (2402)
- SL0 Reconstruction Algorithm for Compressive Sensing Based on BFGS Quasi Newton Method.
..... SUN Na, LIU Jiwen, XIAO Dongliang (2408)
- Gain and Phase Calibration Algorithm of Near-field Source Based on Instrumental Sensors.
..... NI Mengyu, CHEN Hui, XIAO Song, NI Liuliu, ZHANG Jiajia (2415)
- Robust Capon Beamforming for Towed Array Sonar During Maneuvering.
..... BO Liankun, ZHANG Xiaoyong, XIONG Jinyu (2423)

(To be continued on inside back cover)

(Continued)

- A Suppression Algorithm of Blanket-distance Deception Compound Jamming based on Joint Signal-data Processing
..... *WANG Guohong, BAI Jie, SUN Dianxing, ZHANG Xiangyu* (2430)
- Strobe Pulse Design for Quadrature Multiplexed Binary Offset Carrier Modulation in BeiDou B1C Signal.
..... *LI Wengang, HUANG Chen, WANG Yiwei* (2438)
- Maneuvering Decision-making Method of UAV Based on Approximate Dynamic Programming.
..... *HUANG Changqiang, ZHAO Kexin, HAN Bangjie, WEI Zhenglei* (2447)
- Visual Objects Detection Based Robust Ridge Regression Indoor Localization Method.
..... *XU Haowei, LIAN Baowang, ZOU Xiaojun, YUE Zhe, WU Peng* (2453)
- Polarimetric SAR Coherent Change Detection Method Based on Volume Scattering Constraint.
..... *JI Guangyu, LIANG Xingdong, DONG Yongwei, LI Yanlei* (2461)
- Investigation on PRI Variation for High Squint Spaceborn Spotlight SAR.
..... *WANG Pei, XU Wei, LI Ning, YU Weidong* (2470)
- Hyperspectral Image Compression Based on Adaptive Band Clustering Principal Component Analysis and Back
Propagation Neural Network. *CHEN Shanxue, ZHANG Yanqi* (2478)
- Resolution Enhancement Method for Bistatic ISAR One-dimensional Range Profile Under Low SNR.
..... *CHEN Wenfeng, LÜ Mingjiu, XIA Saiqiang, XIANG Long, YANG Jun, MA Xiaoyan* (2484)
- Study on Multi-target Angle Tracking Algorithm of Bistatic MIMO Radar with Unknown Target Number.
..... *ZHANG Zhengyan, ZHANG Jianyun, ZHOU Qingsong* (2491)
- Research on Characteristics and Suppression Methods of Side Peaks of Passive Radar Based on LTE Signal.
..... *LÜ Xiaode, ZHANG Hanliang, YANG Jingmao, YUE Qi* (2498)
- Clutter Suppression Method for Short Range Slow Moving Target Detection.
..... *ZHENG Lin, YAO Weiwei, YANG Chao, QIU Hongbing* (2506)
- Scheduling Service Staffs for Alien Airlines Using Block Gibbs Sampling. *LU Min, WANG Li, TANG Ling* (2513)
- Cat Swarm Optimization Task Scheduling Algorithm Based on Double Arbitration Mechanism and Taguchi
Orthogonal Method. *ZHANG Xingming, YIN Congyue, WEI Shuai, YE Shengzhao, LÜ Ping* (2521)
- Calculation of Electromagnetic Propagation Characteristics over Rough Sea Surface Based on Double-layer Model
..... *CUI Mengda, CHA Hao, TIAN Bin, WANG Qun* (2529)
- Study on Electron Emission Phenomenon of the Surface Micro Area of Coated Impregnated Dispenser Cathode.
..... *YIN Shengyi,
REN Feng, LU Zhipeng, ZHANG Yongqing, ZHANG Shenjin, YANG Feng, WEI Dong, HAN Jiao, LI Yang* (2535)