



Q K 1 8 1 3 9 4 0

ISSN 0372-2112

CODEN TTHPAG

CN11- 2087 / TN

电子学报

DIANZI XUEBAO

ACTA ELECTRONICA SINICA

2018(1)

第 46 卷 第 1 期
Vol.46 No.1

ISSN 0372-2112



9 770372 211007

中国电子学会主办



学术论文

- 中继协作多播网络中基于最小集合覆盖的编码重传方案 王 练, 梁申虎, 陈 巧, 彭代渊, 梁宏斌(1)
存在干扰的星地混合协作传输性能分析 林 敏, 姜杨威, 欧阳键, 安 康(8)
利用 Gibbs 采样进行优化的 Turbo 码交织器识别 陈泽亮, 李 静, 彭 华, 巩克现, 王 浩(15)
基于量子计算的用户识别算法 朱皖宁, 刘志昊(24)
符号相干系数加权的超声平面波复合成像算法 郑驰超, 彭 虎, 赵 巍(31)
随机稀疏调频步进信号距离像抗混叠方法研究 吕明久, 李少东, 杨 军, 马晓岩(39)
一种基于“编织法”的 de Bruijn 序列构造算法 高 杨, 刘松华, 王中孝(48)
动态优先级下防空相控阵雷达在线交错调度算法 张浩为, 谢军伟, 师俊朋, 宗彬锋, 盛 川(55)
0-1 规划的稀布同心圆阵方法研究 谢欢欢, 景跃骐, 李 艳(61)
面向 WIA-PA 工业无线传感器网络的确定性调度算法 王 恒, 陈鹏飞, 王 平(68)
面向恶意程序传播的传感网可靠度评估 沈士根, 范 恩, 胡珂立, 刘建华, 曹奇英(75)
基于不完全信息动态博弈的动态目标防御最优策略选取研究 刘 江, 张红旗, 刘 艺(82)
联合改进核 FCM 与智能优化 SVR 的 WSNs 链路质量预测 刘洲洲, 李士宁, 张 筵, 郭文强(90)
基于稀疏贝叶斯的流形学习 陈兵飞, 江兵兵, 周熙人, 陈欢欢(98)
一种城市交通路网实时动态多路口路径导航量子搜索方法 胡文斌, 聂 聪, 邱振宇, 杜 博, 袁 泉(104)
基于拟熵自适应启动局部搜索策略的混合粒子群算法 曹玉莲, 李文峰, 张 煦(110)
图空间上自适应形态学算子 马塾亮, 王俊平, 邓 嵬, 冯玉颖(118)
基于视觉显著性的海面舰船检测技术 丁 鹏, 张 叶, 贾 平, 常旭岭, 刘 让(127)
基于三支决策的不平衡数据过采样方法 胡 峰, 王 蕾, 周 耀(135)
基于拓扑势加权的动态 PPI 网络复合物挖掘方法 雷秀娟, 高 银, 郭 玲(145)
不确定型模糊 Kripke 结构的计算树逻辑模型检测 范艳焕, 李永明, 潘海玉(152)
基于局部频谱的滚动轴承故障特征提取方法 苏维均, 杨 飞, 于重重, 程晓卿, 崔世杰(160)
基于 ε 等级约束差分进化的多径估计算法 程 兰, 邢艳君, 任密蜂, 谢 刚, 陈 杰(167)
联合核稀疏多元逻辑回归和 TV-L1 错误剔除的高光谱图像分类算法 徐金环, 沈 煦, 刘鹏飞, 肖 亮(175)
一种基于极化线栅的微波辐射计变温定标源研究 董 帅, 王振占, 王新彪, 贺秋瑞, 李娇阳(185)
强冲击压电陶瓷结构的应力波传播及电压输出特性 王睿智, 相升海, 唐恩凌, 韩雅菲, 贺丽萍, 李振波, 宋继秋, 李 月(190)
基于多元接收线圈的管道局部缺陷检测方法研究 师奕兵, 罗清旺, 王志刚, 张 伟, 马 东(197)
基于主动学习和否定选择的垃圾邮件分类算法 胡小娟, 刘 磊, 邱宁佳(203)
LFM 雷达对高超声速目标的数据关联研究 张翔宇, 黄婧丽, 王国宏, 王希彬(210)
基于多离散对数问题的公钥密码的分析 苏盛辉, 孙国栋(218)
基于社交演化博弈的社交网络用户信息分享行为演化分析 于建业, 王元卓, 靳小龙, 程学旗(223)
基于能量均衡的认知无线电双向中继网络能耗优化研究 赵 澄, 吴科丽, 姚信威, 王万良(230)
DACPCC: 一种包含访问权限的云计算数据访问控制方案 王于丁, 杨家海(236)

科研通信

- 一种基于任务粒化的服务组合优化方法 张以文, 崔光明, 郭 星, 张燕平(245)
曲靖非相干散射雷达在空间碎片探测中的应用 金 旺, 杨玉峰, 李清亮, 赵 有, 吴 健(252)



Supported by the National Natural Science Foundation of China

ACTA ELECTRONICA SINICA

(Monthly)

Vol. 46 No. 1

Jan. 2018

PAPERS

- Coded Retransmission Scheme Based on Minimum Set Coverage for Relay-Assisted Multicast *WANG Lian, LIANG Shen-hu, CHEN Qiao, PENG Dai-yuan, LIANG Hong-bin* (1)
- The Performance of a Hybrid Satellite-Terrestrial Cooperative Networks with Interferences *LIN Min, JIANG Yang-wei, OUYANG Jian, AN Kang* (8)
- An Optimization Method Using Gibbs Sampler for Turbo-Code Interleaver Identification *CHEN Ze-liang, LI Jing, PENG Hua, GONG Ke-xian, WANG Hao* (15)
- User Identifying Algorithm Based on Quantum Computing *ZHU Wan-ning, LIU Zhi-hao* (24)
- Ultrasound Imaging Based on Coherent Plane Wave Compounding Weighted by Sign Coherence Factor *ZHENG Chi-chao, PENG Hu, ZHAO Wei* (31)
- An Anti-Range Aliasing Method for Random Sparse Chirp Frequency-Stepped Signal *LÜ Ming-jiu, LI Shao-dong, YANG Jun, MA Xiao-yan* (39)
- A de Bruijn Sequence Construction Algorithm Based on ‘Interleaving’ Construction Method *GAO Yang, LIU Song-hua, WANG Zhong-xiao* (48)
- Online Interleaving Scheduling Algorithm over Dynamic Priority for the Air Defense Phased Array Radar *ZHANG Hao-wei, XIE Jun-wei, SHI Jun-peng, ZONG Bin-feng, SHENG Chuan* (55)
- Research on Sparse Concentric Ring Array Based on 0-1 Programming *XIE Huan-huan, JING Yue-qi, LI Yan* (61)
- Deterministic Scheduling Algorithms for WIA-PA Industrial Wireless Sensor Networks *WANG Heng, CHEN Peng-fei, WANG Ping* (68)
- Reliability Evaluation for WSNs with Malware Spread *SHEN Shi-gen, FAN En, HU Ke-li, LIU Jian-hua, CAO Qi-ying* (75)
- Research on Optimal Selection of Moving Target Defense Policy Based on Dynamic Game with Incomplete Information *LIU Jiang, ZHANG Hong-qi, LIU Yi* (82)
- Link Quality Prediction Algorithm Based on Improved Kernel FCM and Intelligent SVR for WSNs *LIU Zhou-zhou, LI Shi-ning, ZHANG Xiao, GUO Wen-qiang* (90)
- Manifold Learning Based on Sparse Bayesian Approach *CHEN Bing-fei, JIANG Bing-bing, ZHOU Xi-ren, CHEN Huan-huan* (98)
- A Route Guidance Method Based on Quantum Searching for Real-Time Dynamic Multi-Intersections in Urban Traffic Networks *HU Wen-bin, NIE Cong, QIU Zhen-yu, DU Bo, YUAN Quan* (104)
- Hybrid Particle Swarm Optimization Algorithm with Adaptive Starting Strategy of Local Search Based on Quasi-Entropy *CAO Yu-lian, LI Wen-feng, ZHANG Yu* (110)
- Adaptive Morphological Operator on Graph Space *MA Shu-liang, WANG Jun-ping, DENG Cheng, FENG Yu-ying* (118)
- Ship Detection on Sea Surface Based on Visual Saliency *DING Peng, ZHANG Ye, JIA Ping, CHANG Xu-ling, LIU Rang* (127)
- An Oversampling Method for Imbalance Data Based on Three-Way Decision Model *HU Feng, WANG Lei, ZHOU Yao* (135)
- Mining Protein Complexes Based on Topology Potential Weight in Dynamic Protein-Protein Interaction Networks *LEI Xiu-juan, GAO Yin, GUO Ling* (145)
- Computation Tree Logic Model Checking for Nondeterministic Fuzzy Kripke Structure *FAN Yan-huan, LI Yong-ming, PAN Hai-yu* (152)
- Rolling Bearing Fault Feature Extraction Method Based on Local Spectrum *SU Wei-jun, YANG Fei, YU Chong-chong, CHENG Xiao-qing, CUI Shi-jie* (160)
- Multipath Estimation Algorithm Using ϵ Constrained Rank-Based Differential Evolution *CHENG Lan, XING Yan-jun, REN Mi-feng, XIE Gang, CHEN Jie* (167)
- Hyperspectral Image Classification Combining Kernel Sparse Multinomial Logistic Regression and TV-L1 Error Rejection *XU Jin-huan, SHEN Yu, LIU Peng-fei, XIAO Liang* (175)
- Study on Polarized Wire Grid for Microwave Radiometer Calibration *DONG Shuai, WANG Zhen-zhan, WANG Xin-biao, HE Qiu-rui, LI Jiao-yang* (185)
- Propagation of Stress Wave and Characteristics of Voltage Output During Strong Shock Piezoelectric Ceramic Structure *WANG Rui-zhi, XIANG Sheng-hai, TANG En-ling, HAN Ya-fei, HE Li-ping, LI Zhen-bo, SONG Ji-qiu, LI Yue* (190)
- Research on the Detection of Local Defects of Pipes Based on Dual Receivers *SHI Yi-bing, LUO Qing-wang, WANG Zhi-gang, ZHANG Wei, MA Dong* (197)
- A Novel Spam Categorization Algorithm Based on Active Learning Method and Negative Selection Algorithm *HU Xiao-juan, LIU Lei, QIU Ning-jia* (203)
- Multi-radar Data Association of Hypersonic Target by LFM Radar *ZHANG Xiang-yu, HUANG Jing-li, WANG Guo-hong, WANG Xi-bin* (210)
- Analysis of a Public-Key Cryptograph Based on Multi-Discrete Logarithm Problems *SU Sheng-hui, SUN Guo-dong* (218)
- Evolutionary Analysis on Information Sharing Behavior in Social Networks Based on Social Evolutionary Game *YU Jian-ye, WANG Yuan-zhuo, JIN Xiao-long, CHENG Xue-qi* (223)
- Energy Consumption Optimization of Cognitive Radio Relay Network Based on Energy Normalization *ZHAO Cheng, WU Ke-li, YAO Xin-wei, WANG Wan-liang* (230)
- DACPCC: A Data Access Control Scheme with Access Permission for Cloud Computing *WANG Yu-ding, YANG Jia-hai* (236)
- CORRESPONDENCE**
- A Service Composition Optimization Method Based on Task-Granulating *ZHANG Yi-wen, CUI Guang-ming, GUO Xing, ZHANG Yan-ping* (245)
- Application of Qujing Incoherent Scattering Radar in Space Debris Detection *JIN Wang, YANG Yu-feng, LI Qing-liang, ZHAO You, WU Jian* (252)

电子学报

2018年第1期 Acta Electronica Sinica No.1 2018

(总第419期) (Monthly) (Series No. 419)

主管单位 中国科学技术协会
主办单位 中国电子学会
编 辑 《电子学报》编辑委员会
主 编 郝跃
通信地址 北京165信箱
(邮政编码100036)
电 话 (010)68279116,68285082
传 真 (010)68173796
主 页 <http://www.ejournal.org.cn>
电子邮箱 new@ejournal.org.cn
排版印刷 北京金港印刷有限公司
国内总发行 北京市报刊发行局
国外总发行 中国国际图书贸易总公司
国内订购处 全国各邮电局
中邮阅读网 <http://www.183read.com>

China Association for Science and Technology
Published by the Chinese Institute of Electronics
Edited by Editorial Board of Acta Electronica Sinica
Chief Editor: HAO Yue
Add: Editorial Office of Acta Electronica Sinica,
P. O. Box 165, Beijing 100036, China
Tel: 86-10-68279116, 68285082
Fax: 86-10-68173796

Printed by Beijing Jingang Printing Co., Ltd., Beijing, China
Distributed by
Domestic: Beijing Baokan Faxingju, China
Foreign: China International Book Trading Corporation
Subscription Office—All Local Post Offices in China

国内统一刊号:CN11-2087/TN

邮发代号(国内/国外):2-891/M436

国内定价 ￥80.00