

• 电子技术 •

基于 LDPC 编码的自适应数据重传方法	
..... 吴湛击, 傅婷婷, 欧阳子月, 王文博	1793
一种 GPS 信号码片内多径时延估计算法	
..... 莫建文, 欧阳缙, 肖海林	1799
基于线性预测的 ETAM 水下目标方位估计方法	
..... 侯云山, 黄建国, 史文涛	1803
双基地 MIMO 雷达参数辨识性分析	刘志国, 廖桂生, 王亚利
1807	
基于 STFT 的宽带数字 ESM 接收技术	王旭东, 宋茂忠
1811	
基于快速数据投影法的多目标角跟踪	王 纯, 张林让
1815	
基于高阶瞬态矩迭代的多项式相位干扰抑制	
..... 邵高平, 安建平, 孙红胜, 王天仲	1819
基于 AF 的多相编码脉冲内调制参数估计	
..... 李 宏, 秦玉亮, 李彦鹏, 王宏强, 黎 湘	1823
双站 ISAR 越距离单元徙动分析与校正算法	
..... 朱小鹏, 张 群, 朱仁飞, 李宏伟	1828
变极化技术抗干扰效能分析	李圭源, 张 厚, 吴文洲, 麻来宣
1833	

• 防御电子技术 •

二维线性与非线性海面电磁散射特性比对研究	
..... 李晓飞, 许小剑	1837
MPI 并行矩量法计算二维粗糙面波束电磁散射	
..... 郭立新, 麻 军, 王 蕊, 刘晓勇	1841
基于时域弹跳射线法分析电大尺寸目标的散射	
..... 丁建军, 陈 磊, 刘志伟, 陈如山	1846
斜入射下各向异性阻抗劈散射: 表面波的绕射	
..... 李 骥, 余定峰, 姚菁晶, 朱国强	1850
有限元边界积分结合撕裂对接法分析电磁散射	
..... 宛 汀, 朱 剑, 陈如山	1854
提升类小波变换加速的模基参数估计算法	
..... 陈明生, 吴 琼, 沙 威, 黄志祥, 吴先良	1859
基于混合粒子群算法和快速非均匀平面波算法的介质目标反演	
..... 钟卫军, 童创明, 耿 艳, 王 飞	1863
SAR 图像线特征分析与自动提取	陈 思, 杨 健, 宋小全
1868	
基于改进粒子滤波的微弱目标检测前跟踪算法	
..... 吴孙勇, 廖桂生, 杨志伟, 李彩彩	1875
HFSS/PO 混合分析飞行器放电对雷达目标特性的影响	
..... 陈博韬, 雷振亚, 谢拥军	1880

基于三角面元的涂层目标 FDTD 共形网格生成技术	胡晓娟, 卢兆林, 葛德彪, 魏 兵, 韩 奎	1884
基于宽带模糊函数的步进频雷达成像特性分析	朱永锋, 赵宏钟, 付 强	1889
窄带相参雷达调制谱超分辨处理方法	黄 璟, 肖志河, 任红梅	1894

• 系统工程 •

并行 GSE 方法及其在耦合系统优化中的应用	龙 腾, 刘 莉	1898
基于保障活动流程的保障设备需求量计算模型	文 佳, 康 锐, 刘 瑞, 贾治宇	1903
作战单元防空间歇任务到 MLDT 转换研究	李东东, 于永利, 张 柳, 董 岳, 聂成龙	1907
基于模糊随机概率的电子产品寿命分析方法	郑光宇, 胡昌华, 张 伟	1911
NDGM 模型的性质及预测效果分析	朱超余, 谢乃明	1915
P-集合与双 P-数据恢复-辨识	张冠宇, 周厚勇, 史开泉	1919

• 军用系统分析 •

以任务需求为驱动的多传感器资源管理方法	王 琳, 于 雷, 寇英信, 高成金	1925
部分可观条件下空对地打击中的动态资源分配	李 远, 苏 菲, 朱华勇, 沈林成	1931
基于 IBPSO 的编队协同对地攻击目标分配算法	夏庆军, 张 安, 张耀中	1937
基于博弈论的目标分配策略空间构建与搜索	马 飞, 曹泽阳, 刘 晖	1941
地面站数传系统的 RBFNN 模型及算法	常 飞, 武小悦	1946

• 控制理论与实践 •

再入机动飞行器最优轨迹设计与跟踪	李海军, 黄显林, 葛东明	1951
有连续推力控制的卫星轨道确定算法	李恒年, 李济生, 黄永宣	1957
卫星导航信号设计中调制方式的新选择	胡修林, 冉一航, 刘禹圻, 柯 颀	1962
导弹协同作战编队飞行控制系统研究	韦常柱, 郭继峰, 赵 彪	1968
一种动态逆解算的 RLV 混合规划控制分配研究	贺成龙, 陈 欣, 杨一栋	1973
基于协方差分析描述函数法的非线性交会精度分析	梁立波, 罗亚中, 杏建军, 唐国金	1977
载体姿态变化对水下磁场定位精度的影响及监测方法	黄 玉, 孙 枫, 郝燕玲	1982
基于 UKF 的导弹 SINS/CNS 姿态估计方法	邓 红, 刘光斌, 陈昊明, 邓春林	1987

• 软件、算法与仿真 •

相关邻近集合分布式多跳层次路由协议	汪秉文, 汤 强, 胡晓姘, 戴志诚, 尹 安	1991
基于测试重要度的 Petri 网序列优化算法	朱 敏, 杨春玲, 周毓龙	1997
基于采样优化的蒙特卡罗移动节点定位算法	孙 燕, 尚军亮, 刘三阳	2001
采用平均加权的 ad hoc 网络分布式时隙同步算法	王 波, 叶晓慧, 赵玉亭	2005
遥感影像 K 均值聚类中的初始化方法	钟燕飞, 张良培	2009
组件化仿真模型交互模式的并行化改造	苏年乐, 李 群, 王维平	2015

Systems Engineering and Electronics

Vol. 32 No. 9

September 2010

CONTENTS

Electronic Technology

LDPC-based adaptive hybrid automatic retransmission request method	1793
..... WU Zhan-ji, FU Ting-ting, OUYANG Zi-yue, WANG Wen-bo	
Subchip multipath time-delay estimation algorithm for GPS signals	1799
..... MO Jian-wen, OUYANG Shan, Xiao Hai-lin	
Linear prediction based ETAM method for underwater target bearing estimation	1803
..... HOU Yun-shan, HUANG Jian-guo, SHI Wen-tao	
Analysis of parameter identifiability about bistatic MIMO radar	1807
..... LIU Zhi-guo, LIAO Gui-sheng, WANG Ya-li	
Wideband digital ESM receiving technique based on STFT	1811
..... WANG Xu-dong, SONG Mao-zhong	
Multiple target angle tracking based on fast data projection method ...	1815
..... WANG Chun, ZHANG Lin-rang	
Suppression of polynomial phase interference in DSSS system based on high-order instantaneous moment iterative approach	1819
..... SHAO Gao-ping, AN Jian-ping, SUN Hong-sheng, WANG Tian-zhong	
Parameter estimation of intra-pulse modulation for poly-phase coded pulse based on AF	1823
..... LI Hong, QIN Yu-liang, LI Yan-peng, WANG Hong-qiang, LI Xiang	
Study on correction algorithm of migration through resolution cell in bistatic-ISAR	1828
..... ZHU Xiao-peng, ZHANG Qun, ZHU Ren-fei, LI Hong-wei	
Antijamming effectiveness analysis of changing polarization technique	1833
..... LI Gui-yuan, ZHANG Hou, WU Wen-zhou, MA Lai-xuan	

Defence Electronic Technology

Comparative study of electromagnetic scattering from two-dimensional linear and nonlinear sea surfaces	1837
..... LI Xiao-fei, XU Xiao-jian	
Calculation of EM beam scattering from two-dimensional rough surface by parallel MOM based on MPI platform	1841
..... GUO Li-xin, MA Jun, WANG Rui, LIU Xiao-yong	
Analysis of electromagnetic scattering of electrically large objects with time domain shooting and bouncing rays method	1846
..... DING Jian-jun, CHEN Lei, LIU Zhi-wei, CHEN Ru-shan	
Scattering by wedge with anisotropic impedance faces at skew incidence: diffraction of surface waves	1850
..... LI Ji, YU Ding-feng, YAO Jing-jing, ZHU Guo-qiang	
Analysis of electromagnetic scattering problems by combining FEBI with FETI method	1854
..... WAN Ting, ZHU Jian, CHEN Ru-shan	
Model based parameter estimation accelerated by lifting wavelet-like transform	1859
..... CHEN Ming-sheng, WU Qiong, SHA Wei, HUANG Zhi-xiang, WU Xian-liang	
Dielectric target reconstruction based on hybrid particle swarm optimization and the fast inhomogeneous plane wave algorithm	1863
..... ZHONG Wei-jun, TONG Chuang-ming, GENG Yan, WANG Fei	
Analysis and automatic extraction of linear features in synthetic aperture radar images	1868
..... CHEN Si, YANG Jian, SONG Xiao-quan	
Improved track-before-detect algorithm for weak targets based on particle filter	1875
..... WU Sun-yong, LIAO Gui-sheng, YANG Zhi-wei, LI Cai-cai	
Analysis of hybrid HFSS/PO in scattering characteristics of aircraft electrostatic discharging	1880
..... CHEN Bo-tao, LEI Zhen-ya, XIE Yong-jun	
Conformal FDTD mesh-generating scheme for coated targets based on triangle-patch	1884
..... HU Xiao-juan, LU Zhao-lin, GE De-biao, WEI Bing, HAN Kui	
Imaging characteristic analysis of SFR by wideband ambiguity function	1889
..... ZHU Yong-feng, ZHAO Hong-zhong, FU Qiang	

Super-resolution processing of coherent narrowband radar for modulation spectrum	1894
..... HUANG Jing, XIAO Zhi-he, REN Hong-mei	
Systems Engineering	
Parallel GSE method and its application in optimization for coupled systems	1898
..... LONG Teng, LIU Li	
Quantitative forecast model of support equipment based on support activity flow	
..... WEN Jia, KANG Rui, LIU Rui, JIA Zhi-yu	1903
Research on transformation from combat unit aerial defence interval mission to MLDT	
..... LI Dong-dong, YU Yong-li, ZHANG Liu, DONG Yue, NIE Cheng-long	1907
Life analysis method of electronic products based on fuzzy random probability	
..... ZHENG Guang-yu, HU Chang-hua, ZHANG Wei	1911
Research on properties of non-homogenous discrete grey model and its predictive results	
..... ZHU Chao-yu, XIE Nai-ming	1915
P-sets and the recovery-identification of double P-data	
..... ZHANG Guan-yu, ZHOU Hou-yong, SHI Kai-quan	1919
Military System Analysis	
Multi-sensor resource management method driven by task requirement	
..... WANG Lin, YU Lei, KOU Ying-xin, GAO Cheng-jin	1925
Dynamic resources allocation for air-to-ground operations with partially observable outcomes	
..... LI Yuan, SU Fei, ZHU Hua-yong, SHEN Lin-cheng	1931
Target allocation algorithm in formation cooperative air-to-ground attacking based on IBPSO	
..... XIA Qing-jun, ZHANG An, ZHANG Yao-zhong	1937
Construction and search of strategy space of target assignment based on game theory	
..... MA Fei, CAO Ze-yang, LIU Hui	1941
Modeling and algorithm of data transmission system of ground station based on radial basis function neural network	
..... CHANG Fei, WU Xiao-yue	1946
Control Theory and Practice	
Optimal trajectory design and tracking for maneuver reentry vehicles	
..... LI Hai-jun, HUANG Xian-lin, GE Dong-ming	1951
On-line orbit determinative method for satellites with continuous thrust acceleration	
..... LI Heng-nian, LI Ji-sheng, HUANG Yong-xuan	1957
New option for modulation in GNSS signal design ...	1962
..... HU Xiu-lin, RAN Yi-hang, LIU Yu-qi, KE Ting	
Research on flight control system for missiles cooperative engagement formation	
..... WEI Chang-zhu, GUO Ji-feng, ZHAO Biao	1968
Mixed programming control allocation for reusable launch vehicles using dynamic inverse calculating	
..... HE Cheng-long, CHEN Xin, YANG Yi-dong	1973
Precision analysis of nonlinear rendezvous by covariance analysis description equation technique	
..... LIANG Li-bo, LUO Ya-zhong, XING Jian-jun, TANG Guo-jin	1977
Effect of vehicle attitude variation on underwater magnetic field localization precision and its detection method	
..... HUANG Yu, SUN Feng, HAO Yan-ling	1982
Application of missile attitude estimation based on UKF algorithm	
..... DENG Hong, LIU Guang-bin, CHEN Hao-ming, DENG Chun-lin	1987
Software Algorithm and Simulation	
Distributed multi-hop clustering routing protocol based on relative neighborhood set	
..... WANG Bing-wen, TANG Qiang, HU Xiao-ya, DAI Zhi-cheng, YIN An	1991
Petri net sequence optimization algorithm based on test importance	
..... ZHU Min, YANG Chun-ling, ZHOU Yu-long	1997
Monte Carlo mobile node localization algorithms based on sampling optimization	
..... SUN Yan, SHANG Jun-liang, LIU San-yang	2001
Distributed slot synchronization algorithm using average weighting for ad hoc networks	
..... WANG Bo, YE Xiao-hui, ZHAO Yu-ting	2005
Initialization methods for remote sensing image clustering using K-means algorithm	
..... ZHONG Yan-fei, ZHANG Liang-pei	2009
Parallelized modification of interaction modes among component-based simulation models	
..... SU Nian-le, LI Qun, WANG Wei-ping	2015