



中文核心期刊 中国指挥与控制学会会刊 中国科技论文统计源期刊
中国科学引文数据库来源期刊 军事学核心期刊 中文科技期刊数据库
中国学术期刊(光盘版)收录期刊 RCCSE中国核心学术期刊 美国
《剑桥科学文摘》美国《乌利希期刊指南》英国《科学文摘》收录期刊

ISSN 1002-0640

CN 14-1138/TJ

火力与指挥控制

FIRE CONTROL & COMMAND CONTROL

2019.3

第44卷 VOL44
第3期 No.3



ISSN 1002-0640



9 771002 064192

北方自动控制技术研究所主办

火力与指挥控制

HUOLI YU ZHIHUI KONGZHI

本刊名由张爱萍将军题写

第 44 卷 第 3 期 (总第 288 期)

月刊 1976 年创刊 国内外公开发行

目次

专家论坛

面向隔离区异构平台的动态防御主动迁移策略

..... 马润年,陈彤睿,王刚,伍维甲(1)

综述

云存储环境下的密文检索研究

..... 陈元,张昌宏,付伟(9)

理论研究

一种组网探测资源管控拓扑模型优选算法

..... 段艳红,丁建江,赵志强(15)

新型四极轨道电磁发射器

..... 刘明,舒涛,薛新鹏(23)

基于贝叶斯方法的地空导弹装备保障效能评估

..... 闫永玲,张庆波,盛伟,晁鑫(28)

基于 μ 综合的 PHEV 模式切换协调控制

..... 李海晓,付主木,李桢辉(32)

基于 TS-MMPF 的机动弱目标 TBD 算法

..... 谭顺成,于洪波(38)

基于 AHP-FCE 排爆机器人的排爆综合性能评价

..... 张继明,张军,疏杨,王古超(44)

基于射流微分方程组的水炮命中问题求解

..... 张兴江,王军(49)

分布式 MIMO 数字阵列雷达多目标定位

..... 费太勇,谭贤四,巫勇,王洪林,唐塘(55)

基于直觉判断矩阵和证据理论的群组决策方法

..... 王攀,陈云翔,蔡忠义,张洋铭(60)

OQAM/OFDM 系统峰均比影响因素研究

..... 吴鹏,陈西宏,胡邓华,邱上飞(67)

基于贝叶斯网络的侦察威胁等级评估研究

..... 刘文博,梁敏,张欧亚,代海峰(72)

基于改进近邻传播算法的 Walsh 软扩频盲解扩方法

..... 李丞,张玉(77)

基于动态优先级的空间信息需求响应过程建模与仿真

..... 鲁赢,赵云,李翼鹏,蔡伟伟,苏昂(82)

基于半监督谱聚类的通信网台识别方法

..... 丁天一,张旻,方胜良(90)

基于某推力机构弹道修正弹角运动稳定性分析

..... 邢炳楠,张志安,高光发,雷晓云,盛娟红(96)

基于模糊聚类——拍卖机制的火力协同方法

..... 王增发,徐克虎,孔德鹏,李灵之(102)

武器装备体系贡献率评估方法

..... 宋敬华,李亮,郭齐胜(107)

基于单快拍数据的嵌套阵列 DOA 估计算法

..... 韩佳辉,毕大平,陈璐(112)

压缩空气弹射内弹道影响因素作用规律研究

..... 谢磊,高钦和,邵亚军(116)

基于指数试探的稀疏度自适应匹配追踪算法

..... 于金冬,芮国胜,田文飏,董道广,于志军(120)

工程实践

恶劣天气下的多扇区动态容量评估方法

..... 张文倩,王璞,严伟,李超(126)

多影响因子下智能前照灯系统建模与仿真

..... 刘永斌,刘珊中,李金辉(131)

基于 RS 属性约简与 LS-SVM 的装备研制风险综合评价

..... 黄海清,甘旭升,曲虹,董鑫(135)

网络雷达对抗系统反隐身优化部署技术

..... 沙文浩,姜秋喜,周宇,刘鑫(141)

一种基于回旋曲线的局部路径规划方法

..... 苏治宝,赵熙俊,朱森,张浩杰(148)

航母编队反潜目标识别和威胁评估仿真

..... 陈龙,马亚平(153)

引入速率量测的高速机动目标跟踪多模型算法

..... 石章松,刘健,张渝缘(159)

基于区域分割的快速 KNN 定位算法

..... 赵建国,王杰贵(165)

相控阵体制机载预警雷达作战效能评估

..... 夏栋,李淑华,纪雪岩(169)

跟踪微分器在光电火控系统中的应用

..... 李静,杨文光,武亮明,张建伟(173)

基于模糊层次分析法的射击有利度分析模型

..... 李彩峰,徐锋,张玉梅,孟丽洁,王伟(176)

研究简报

舰载超空泡射弹反鱼雷武器系统发展构想 洪浩(181)

通知(76) 下期要目(119) 火控专委会征稿(186)

信息融合大会征稿(187) 火控杂志征稿(188)

本期责任编辑 齐浩,刘义平

[期刊基本参数] CN14-1138/TJ * 1976 * m * A4 * 188 * zh * P * ¥20.00 * 1500 * 34 * 2019-03

Fire Control & Command Control

Vol. 44 No. 3 Mar. 2019

Contents

EXPERT FORUM

Dynamic Defense Active Migration Strategy for Heterogeneous Platforms of DMZ MA Run-nian, CHEN Tong-rui, WANG Gang, WU Wei-jia(1)

SURVEY

A Review of Cryptographic Retrieval in Cloud Storage Environment CHEN Yuan, ZHANG Chang-hong, FU Wei(9)

THEORY RESEARCH

Optimization Select Algorithm for Netted Detecting Resource Control Topological Model DUAN Yan-hong, DING Jian-jiang, ZHAO Zhi-qiang(15)

A New Type of Quadrupole Rail Electromagnetic Launcher LIU Ming, SHU Tao, XUE Xin-peng(23)

Effectiveness Evaluation of Surface-to-air Missile Equipment Support Based on Bayesian Method
..... YAN Yong-ling, ZHANG Qing-bo, SHENG Wei, CHAO Xin(28)

Mode Transition Coordinated Control for PHEV Using μ -synthesis LI Hai-xiao, FU Zhu-mu, LI Zhen-hui(32)

TS-MMPF Based Maneuvering Weak Target TBD Algorithm TAN Shun-cheng, YU Hong-bo(38)

A Comprehensively-Evaluated Study for EOD Robot Based on AHP-FCE ZHANG Ji-ming, ZHANG Jun, SHU Yang, WANG Gu-chao(44)

Solving Water Gun Hit Problem Based on Jet Differential Equation ZHANG Xing-jiang, WANG Jun(49)

Multi-Target Localization of Distributed MIMO Digital Array Radar FEI Tai-yong, TAN Xian-si, WU Yong, WANG Hong-lin, TANG Tang(55)

Method for Group Decision-making Based on Intuitionistic Judgment Matrix and Evidence Theory
..... WANG Pan, CHEN Yun-xiang, CAI Zhong-yi, ZHANG Yang-ming(60)

Research on PAPR Influence Factors of OQAM/OFDM System WU Peng, CHEN Xi-hong, HU Deng-hua, QIU Shang-fei(67)

Research on Reconnaissance Threat Grade Evaluate Based on Bayesian Network LIU Wen-bo, LIANG Min, ZHANG Ou-ya, DAI Hai-feng(72)

Blind Despread Method of Walsh Soft Spread Spectrum Based on Improved Affinity Propagation Algorithm LI Cheng, ZHANG Yu(77)

Modeling and Simulation of Demand Response Process of Spatial Information Based on Dynamic Priority
..... LU Ying, ZHAO Yun, LI Yi-peng, CAI Wei-wei, SU Ang(82)

Recognition Method of Communication Net Station Based on Semi-supervised Spectral Clustering
..... DING Tian-yi, ZHANG Min, FANG Sheng-liang(90)

Stability Analysis of Angular Motion Based on a Thrust Mechanism Trajectory Correction Projectile
..... XING Bing-nan, ZHANG Zhi-an, GAO Guang-fa, LEI Xiao-yun, SHENG Juan-hong(96)

Cooperative Task Assignment Method Based on Fuzzy Clustering —— Auction Mechanism
..... WANG Zeng-fa, XU Ke-hu, KONG De-peng, LI Ling-zhi(102)

Research on Weapon Equipment System Contribution Rate Evaluation Method SONG Jing-hua, LI Liang, GUO Qi-sheng(107)

Nested Array DOA Estimation Using Snapshot HAN Jia-hui, BI Da-ping, CHEN Lu(112)

Analysis of Factors to Compressed Air Ejection Interior Ballistic Based on FLUENT XIE Lei, GAO Qin-he, SHAO Ya-jun(116)

Sparsity Adaptive Matching Pursuit Algorithm Based on Exponential Trail
..... YU Jin-dong, RUI Guo-sheng, TIAN Wen-biao, DONG Dao-guang, YU Zhi-jun(120)

ENGINEERING PRACTICE

Research on Multi-sector Dynamic Capacity Evaluation Method in Severe Weather ZHANG Wen-qian, WANG Ying, YAN Wei, LI Chao(126)

Research on Intelligent Headlamp System with Multiple Influencing Factors LIU Yong-bin, LIU Shan-zhong, LI Jin-hui(131)

Weapon System Development Risk Comprehensive Assessment Based on RS Attribute Reduction and LS-SVM
..... HUANG Hai-qing, GAN Xu-sheng, QU Hong, DONG Xin(135)

Network Radar Countermeasure System Anti-stealth Optimization Deployment Technology
..... SHA Wen-hao, JIANG Qiu-xi, ZHOU Yu, LIU Xin(141)

A Local Path Planning Method Based on Clothoid Model SU Zhi-bao, ZHAO Xi-jun, ZHU Sen, ZHANG Hao-jie(148)

Simulation Research on Anti-submarine Target Identification and Threat Assessment of Aircraft Carrier Formation
..... CHEN Long, MA Ya-ping(153)

A Multiple Model Algorithm of High Speed Maneuvering Target Tracking Based on Velocity Measurements
..... SHI Zhang-song, LIU Jian, ZHANG Yu-yuan(159)

Fast KNN Positioning Algorithm Based on Region Segmentation ZHAO Jian-guo, WANG Jie-gui(165)

Combat Performance Evaluation for AEW Radar of Phased Array System XIA Dong, LI Shu-hua, JI Xue-yan(169)

Application of Tracking-Differentiator in Photoelectric Fire Control System LI Jing, YANG Wen-guang, WU Liang-ming, ZHANG Jian-wei(173)

Shooting Favorability Analysis Model Based on Fuzzy-AHP LI Cai-feng, XU Feng, ZHANG Yu-mei, MENG Li-jie, WANG Wei, AN Qi(176)

RESEARCH BULLEING

Development Vision of Shipborne Supercavitating Projectile Anti-torpedo Weapon System HONG Hao(181)