



中文核心期刊 中国科技论文统计源期刊 中国科学引文数据库来源期刊
中文科技期刊数据库 中国学术期刊(光盘版)收录期刊
美国《剑桥科学文摘》美国《乌利希期刊指南》 RCCSE中国核心学术期刊
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

2013.4

第38卷 VOL38
第4期 No.4



ISSN 1002-0640



火力与指挥控制研究会 主办
火力与指挥控制专业情报网

万方数据

火力与指挥控制

HUOLI YU ZHIHUI KONGZHI

第 38 卷 第 4 期 (总第 217 期) 月刊 1976 年创刊 国内外公开发行

目 次

综 述

- 赛博空间面临的威胁与挑战 范爱锋,程启月 (1)
基于灰色局势决策的通用维修资源整合方法
..... 王亚彬,贾希胜,王广彦,等 (4)

理论研究

- 指挥信息系统信息域一体化能力指标体系
..... 凌艳香,陈洪辉 (9)
基于四元模糊数的鱼雷作战效能评估权重分析
..... 范 明,田 铮,杨丽娟,等 (12)
果蝇算法和 5 种群智能算法的寻优性能研究
..... 吴小文,李 擎 (17)
结构解析建模方法在舰艇训练计划中的应用
..... 邱昭莹,张丽丽,阳东升,等 (21)
基于 AHP 和 DEA 综合评判的反恐分队综合作战效能评估
..... 李 浩,吴 帅,王公宝 (26)
基于 ARMA 辨识的色噪系统状态参数鲁棒估计
..... 王 宏,李建勋 (29)
逐步 I 型混合截尾试验下 Burr 部件的可靠性分析
..... 赵 娇,师义民 (34)
预防性维修工作组合优化 ... 李欣玥,贾云献,白永生 (39)
基于 STAGE 平台的转管武器效能仿真
..... 张鹏军,薄玉成,杨 臻,等 (44)
基于非合作雷达辐射源的无源雷达目标检测方法
..... 李 辉,何 友,周洪庆,等 (48)
UUV 编队协同搜索静止目标的准最优方法
..... 陈 盼,胡剑光,尹志伟 (53)
基于方位限制的反导目标指示雷达配置要求
..... 刘 健,罗 亮,谢 鑫 (57)
基于模糊综合评价的光电对抗装备效能评估
..... 毕文豪,张 安,王安丽 (60)
坦克炮控伺服系统未知摩擦的自适应补偿控制
..... 蔡建平,沈陆娟 (64)
作战任务总量的迭代收敛性
..... 董 涛,刘付显,李 响,等 (69)
军事指挥控制中的贝叶斯决策支持
..... 王 莉 (72)
任务驱动下航材需求量的 GA-GM-BP 预测
..... 尚琦坤,陈云翔 (78)
战时装备保障阵地选址不确定决策方法
..... 陈小卫,王新政,马 琳,等 (82)
钨球破片对相控阵雷达天线的冲击损伤仿真
..... 吕 勇,石 全,刘 锋,等 (87)
基于定性信息的装备技术状态评估
..... 张耀辉,王少华,刘文宝 (91)
四阶累积量的 MIMO 雷达角度估计算法
..... 梁 浩,李小波,宋 靖 (96)

改进 ICP 的编队预定目标选择方法

- 马福民,卢 毅 (100)
“化四个象限积分为一个象限积分”在营射击效率计算中的应用
..... 王兆胜 (104)
弹丸对钢管混凝土结构冲击效应的数值模拟
..... 武 珺,王坚茹,陈智刚,等 (107)
基于粗糙集理论的定性推理结果的约束
..... 方东兴,毛向东,韩安媛 (111)
防空兵网络化作战指挥控制方式
..... 路建伟,蔡献波,尹跃彬 (114)
模糊综合评判的装备研制风险评估
..... 苏续军,陈建泗 (118)
多源验前信息下基于证据理论的 ML-II 融合方法
..... 马丽娜,肖华勇,周 旷 (121)
基于灰色 AHP 方法的综合航电系统效能
..... 张 拓,高晓光 (125)

工程实践

- 空域窗射击毁歼概率解析计算模型
..... 刘 恒,梅 卫,单甘霖 (130)
火炮发射药装药自动识别方法
..... 崔凯波,秦俊奇,狄长春,等 (133)
一种由条件确定导引时机的线导鱼雷导引方案
..... 李本昌,尹文进,李 原 (137)
PHEV 电池电荷状态估计设计及仿真
..... 付主木,赵 瑞 (140)
装备保障仿真实体聚合模型
..... 张 伟,聂成龙,于永利,等 (145)
监视雷达低仰角测角方法分析与工程实现
..... 谭 博,陈 娟,俞 成 (150)
网络中心与平台中心的声纳浮标探测概率建模
..... 罗木生,侯学隆,郑保华 (154)
高空远程滑翔 UUV 减速段弹道仿真与分析
..... 潘 光,刘欢欢,杜晓旭 (158)
天基预警卫星弹道预报能力仿真分析
..... 曾 番,李晓军,李国宏,等 (162)
弹载惯性测量系统抗高过载技术
..... 王星来,岳凤英,孙笠森 (165)

试验技术

- 弹引系统膛内纵向过载测试与仿真
..... 徐 浩,芮筱亭,王国平,等 (169)
基于 TCP/IP 协议的无人机 IFFC 系统仿真
..... 成晓东,周德云 (174)
中国指挥与控制高峰论坛征文通知(封二)
下期要目 (129) 新书推介 (173)
2013 第八届中国系统建模与仿真技术高层论坛征文通知 (178)

本期责任编辑 宋 薇

[期刊基本参数] CN14-1138/TJ * 1976 * m * A4 * 180 * zh * P * ¥20.00 * 2 000 * 43 * 2013-04

Fire Control & Command Control

Vol. 38 No. 4 Apr. 2013

Contents

SURVEY

- Analyzing Threat and Challenge in Cyberspace
..... FAN Ai-feng, et al. (1)
- Method of Integration for Currency Maintenance Resources Based
on Grey Situation Decision-Making
..... WANG Ya-bin, et al. (4)

THEORY RESEARCH

- Research on Performance Index of Information System Integrated
Abilities in Information Domain
..... LING Yan-xiang, et al. (9)
- Quadruple-Fuzzy Data Based Weight Analysis of Operational
Effectiveness Evaluation of Torpedo
..... FAN Ming, et al. (12)
- Research of Optimizing Performance of Fruit Fly Optimization
Algorithm and Five Kinds of Intelligent Algorithm
..... WU Xiao-wen, et al. (17)
- Application of Interpretative Structural Modeling Method on Naval
Vessels Training Program QIU Zhao-ying, et al. (21)
- Anti-Terrorists Combat Effectiveness Evaluation Based on Fuzzy
AHP and DEA Comprehensive Evaluation
..... LI Hao, et al. (26)
- Robust State Estimation for Systems with Colored Measurement
Noise Based on ARMA Identification
..... WANG Hong, et al. (29)
- Reliability Analysis of the Burr Component Under Type-I
Progressively Hybrid Censoring
..... ZHAO Jiao, et al. (34)
- Study on Optimal Maintenance Level Based on Preventive Group
Maintenance Policy LI Xin-yue, et al. (39)
- Gatling-Gun Efficiency Simulation Research Based on STAGE
..... ZHANG Peng-jun, et al. (44)
- A New Method for Passive Radar Target Detection Based on
Non-Cooperation Radar Illuminator
..... LI Hui, et al. (48)
- Quasi-Optimal Method for Multiple UAVs Cooperate to Search
Static Target CHEN Pan, et al. (53)
- Study on Requests for Anti-missile Indicating Radar Disposition
Based on Azimuth Restriction LIU Jian, et al. (57)
- Efficiency Evaluation of Photoelectric Countermeasures and
Equipments Based on Fuzzy Synthetic Evaluation
..... BI Wen-hao, et al. (60)
- Adaptive Compensation of Unknown Friction for Gun Control
Servo System of Tank CAI Jian-ping, et al. (64)
- Research on Iteration Convergence of Operations Task Total
Amount DONG Tao, et al. (69)
- Bayesian Decision Support for Military Command and Control
..... WANG Li (72)
- GA-GM-BP Forecast Study of Demand-Quantity in Driving
..... SHANG Qi-kun, et al. (78)
- Equipment Maintenance Position Location Uncertain Decision
Method in Wartime CHEN Xiao-wei, et al. (82)
- Study on Simulation of Wolfram Spherical Fragment Impact
Antenna of Phased-Array Radar
..... LV Yong, et al. (87)

- Research on Technical Condition Assessment of Equipment
Based on Qualitative Knowledge
..... ZHANG Yao-hui, et al. (91)
- Angle Estimation for MIMO Radar Based on Fourth-Order
Cumulants LIANG Hao, et al. (96)
- A Method to Select the Expect Target from a Ship Formation
Based on Improved ICP Algorithm
..... MA Fu-ming, et al. (100)
- Application of "Turning Four Quadrants Integration into One
Quadrant Integration" to Firing Efficiency Calculation of
Battalion Fire WANG Zhao-sheng (104)
- Simulation Study of Projectile Impact Effects on Concrete-Filled
Tube Structure WU Jun, et al. (107)
- Restriction of Qualitative Reasoning Result Based on Rough
Set Theory FANG Dong-xing, et al. (111)
- Research on Command and Control Method of Air Defense
Forces Networking Operation ... LU Jian-wei, et al. (114)
- Equipment Risk Evaluation in Development Phase Based on Fuzzy
Comprehensive Evaluation Method
..... SU Xu-jun, et al. (118)
- Fusion of Information of Multiple Sources Based on Evidence
Theory and ML-II Theory MA Li-na, et al. (121)
- Research on Effectiveness Evaluation of Integrated Avionics
System Base on Gray Theory and AHP
..... ZHANG Tuo, et al. (125)

ENGINEERING PRACTICE

- Analytical Model of Kill Probability of Future Airspace Window
Shooting LIU Heng, et al. (130)
- Identification Technology Research for Powder Model of Artillery
..... CUI Kai-bo, et al. (133)
- Wire-Guided Torpedo Guiding Project of Certain Condition
Decided by Guiding Occasion
..... LI Ben-chang, et al. (137)
- Design and Simulation of Battery SOC Estimation for PHEV
..... FU Zhu-mu, et al. (140)
- Aggregated Model of Equipment Support Simulation Entity
..... ZHANG Wei, et al. (145)
- Analysis and Realization on the Method of Low-elevation
Estimation Based on Surveillance Radar
..... TAN Bo, et al. (150)
- Track-Initiation Probability of Net-Centric and Platform-
Centric Sonobuoys LUO Mu-sheng, et al. (154)
- Simulation and Analysis of Deceleration Segment of High-Altitude
Long-Distance Gliding UAV PAN Guang, et al. (158)
- Detecting Simulation of Trajectory of Tactical Ballistic Missile
Using Space-Based Early Warning Satellite
..... ZENG Fan, et al. (162)
- Study on Anti-high-g Technology of Missile Body Attitude
Measurement System WANG Xing-lai, et al. (165)

TEST TECHNIQUE

- Research of Measurement and Simulation for Bullet-Fuze System
Longitudinal Overload in Bore XU Hao, et al. (169)
- IFFC System Simulation of UAV Based on TCP/IP Network
..... CHENG Xiao-dong, et al. (174)