

指挥控制与仿真

第 32 卷 第 5 期 总第 227 期

2010 年 10 月出版

第六届编辑委员会

高级技术顾问

(按姓氏笔划排序)

冯丹宇 刘文化 李纪南

陈国和 周玉兰 赵登平

编委会

主任委员 李恒劭

副主任委员 潘冠华

委员

(按姓氏笔划排序)

丁旭 万勤 孔军

孔祥营 王凡 王海川

许斌 许春雷 刘昌禄

李敏 陈双龙 陈培龙

陈小平 何佳洲 杨福彪

周建中 周建忠 单连平

赵书斌 顾浩 秦立富

徐大林 徐国亮 袁富宇

程健庆 潘新祥

目次

综述

贝叶斯网络在军事作战中的应用现状及展望

.....佟守愚, 庞世春, 杨吉, 等(1)

理论研究

网络化防空统一制导指令场技术研究

.....李锐, 王航宇, 石章松(5)

一种打击平流层飞艇的方法研究

.....何炬恒, 聂万胜, 车学科, 等(9)

海上不明空情威胁评估模型研究

.....陈晓曦, 姚景顺, 沈振华, 等(13)

舰载指挥控制系统与作战任务匹配分析模型及仿真

.....徐佳, 夏惠诚(17)

CGF 智能决策模型中的威胁评估方法研究

.....李峰, 李照顺(20)

悬浮式深弹拦截线导+声自导鱼雷作战模型研究

.....姚奉亮, 贾跃, 丁贝(24)

搜潜发现概率模型探讨

.....吴柱, 孙睿, 许腾(28)

基于证据理论的自适应协同方法在打击目标排序中的应用

.....闫家传, 陈璐, 张仁友, 等(31)

一种基于球坐标的角速率耦合跟踪方法

.....梁荣, 徐国亮, 张进(34)

复杂任务条件下人与武器装备作战功能分配研究

.....解维河, 包恩达, 马乐梅(38)

基于截获概率耦合模型研究舰载雷达反卫星侦察方法

.....沈振华, 姚景顺, 陈晓曦, 等(41)

基于 DoDAF 的多层弹道导弹防御系统模型研究

.....李雪超, 张金成, 陈欢欢, 等(45)

作战飞机武器投放战术机动飞行性能分析与计算

.....薛宏涛, 沈林成(49)

装备保障通信网络仿真与建模研究

.....王琳, 杜晓明, 孙晓, 等(54)

潜艇主动使用自航式声诱饵突破单舰搜索仿真研究

.....孙光辉, 黄文斌, 梁桦(59)

本刊广告代理: 北京高博特广告有限公司 联系电话: 010-88587506-810 联系人: 刘志果

- ★ 中国科技核心期刊
- ★ 中国核心期刊（遴选）数据库收录
- ★ 中国学术期刊综合评价数据库（CAJCED）统计来源
- ★ 中国期刊全文数据库（CJFD）全文收录
- ★ 万方数据——数字化期刊群全文上网
- ★ 电子科技文摘数据库收录

基于信息熵的反导系统综合作战效能评估研究

.....徐 敬, 张 生(63)

基于鱼骨图的 F-AHP 评判在提高数字化炮兵旅作战效能中的应用

.....古小明, 张 华, 黄仕伟, 等(67)

工程实践

构建海军诸兵种综合战术训练仿真系统研究

.....张欣景, 赵志军, 谢国新, 等(71)

基于 STAGE 的编队舰空导弹协同防空系统仿真实现

.....郑 鹏, 石章松, 赵海涛(76)

基于 Multi-Agent 的工程保障排队系统仿真

.....王付明, 谢永生, 智 韬, 等(80)

战区防空兵力流量管理仿真环境研究

.....杨 丰, 孙金标, 陆 岩, 等(83)

反舰导弹飞行仿真方法

.....符 燕, 付新胜(87)

基于外弹道可视化的火炮射弹散布仿真研究

.....王鹏华, 汪文革, 高小敏, 等(90)

基于舵机俯仰姿态控制回路的电视制导设计

.....李俊苗, 姚 俊(94)

有源雷达干扰弹干扰效能的计算与仿真研究

.....李 磊, 官研生, 徐 伟(97)

目标运动要素误差对鱼雷尾流自导开机距离的影响

.....张克辉, 温 洪, 刘 勇(102)

舰空导弹抗击反舰导弹脱靶量分析

.....斗计华, 陆永红, 钟志通(105)

炮兵指挥信息系统软件可靠性评估方法研究

.....陈菊平, 张继春, 陈 雨(108)

基于神经网络的舰载网络入侵检测方法研究

.....马 曦, 李 瑞, 姚 晋(111)

基于 TMS320C6416 芯片的多板卡声纳信号协同处理技术

.....陈虹舟, 朱思奇, 霍家道(114)

外军动态

解读北约体系结构框架 NAF

.....陆 敏, 王国刚, 黄湘鹏, 等(117)

外军快讯(4、8)

指挥控制与仿真

(双月刊)

(1979 年创刊, 逢双月出版)

主管单位: 中国船舶重工集团公司

主办单位: 中国船舶重工集团公司

江苏自动化研究所

编辑出版: 《指挥控制与仿真》

编辑部

印刷单位: 江苏省连云港市赣中

印刷厂

国内邮发代号: 28-196

主 编: 秦立富

执行主编: 胡志强

责任编辑: 许韦韦 张培培

编 务: 韩晓芬

通信地址: 江苏省连云港市 102

信箱 6 分箱

邮 编: 222006

电 话: (0518) 85823166

发行范围: 公 开

定 价: 15.00 元

广告经营许可证号: (苏连)工商字

3207004050005 号

投稿网址: www.zhkyfz.cn

电子邮箱: info@jari.cn

2010 年

欢迎订阅

欢迎投稿

欢迎刊登广告

Command Control and Simulation

Vol.32 No.5 (Sum No.227) Oct.2010

CONTENTS

Review

Status and Prospect of Applications of Bayesian networks in Warfare.....TONG Shouyu, PANG Shi chun, YANG Ji, etc (1)

Theory & Research

Research on Unified Command Field of Air Defence in NCW.....LI Rui, WANG Hang yu, SHI Zhang song(5)

Research on the Method of Strike Stratospheric Airship.....HE Ju heng, NIE Wan sheng, CHE Xue ke, etc(9)

Model for Assessing the Threat of the Unidentified Aerial Target above the Sea.....CHEN Xiao-xi, YAO Jing-shun, SHEN Zhen-hua, etc(13)

Match Analysis Model and Simulation of Shipborne C2 System and Combat Task.....XU Jia, XIA Hui-cheng(17)

Research on the Method of Threat Assessment in Intelligent Decision Support System Based on CGF.....LI Zheng, LI Zhao-shun(20)

Research on the Strategy of Intercepting Wire-guided Torpedo Using Hovering Depth Charge.....YAO Feng-liang, JIA Yue, DING Bei(24)

Discussion of the Model of Searching Submarine Detection Probability.....WU Zhu, SUN Rui, XU Teng(28)

Application of Auto-Adaption Coordination Method Based on Proof-theories in Attacking Aim Sorting.....YAN Jia-chuan, CHEN Lu, ZHANG Ren-you, etc(31)

A Coupled Angular Rate Tracking method Based on Spherical Coordinates.....LIANG Shen, XU Guo-liang, ZHANG Xun(34)

Research on the Function Allocation about Man and Weapon for Multitask.....XIE Wei-he, Bao En-da, MA Le-mei(38)

Study on Countering ELINT Satellite Method for Shipborne Radar Based on Interception Probability Coupling Model.....SHEN Zhen-hua, YAO Jing-shun, CHEN Xiao-xi, etc(41)

Multilayer Ballistic Missile Defense System Modeling Based on DoDAF.....LI Xue-chao, ZHANG Jin-cheng, CHENG Huan-huan, XIONG Jia-yao(45)

Flight Maneuverability Analyze and Computation of Combat Aircraft Weapon Delivery Tactics.....XUE Hong-tao, SHEN Lin-cheng(49)

Modeling and Simulation of Communication Network in Equipment Support.....WANG Lin, DU Xiao-ming, SUN Xiao, etc(54)

Simulation Research on Breaking Through Search for Submarine Using Mobile Acoustic Decoy Forwardly.....SUN Guang-hui, HUANG Wen-bin, LIANG Ben(59)

Research on Integrative Operation Effectiveness Evaluation of Anti-missile Systems Based on Information Entropy.....XU Jing, ZHANG Sheng(63)

F-AHP Evaluation of Raising Digitized Artillery Travel Operational Effectiveness Under the Field of Vision of Fish-bone Diagram.....GU Xiao-ming, ZHANG Hua, HUANG Shi-wei, etc(67)

.....LI Xue-chao, ZHANG Jin-cheng, CHENG Huan-huan, XIONG Jia-yao(45)

.....XUE Hong-tao, SHEN Lin-cheng(49)

.....WANG Lin, DU Xiao-ming, SUN Xiao, etc(54)

.....SUN Guang-hui, HUANG Wen-bin, LIANG Ben(59)

.....XU Jing, ZHANG Sheng(63)

.....GU Xiao-ming, ZHANG Hua, HUANG Shi-wei, etc(67)

.....XU Jing, ZHANG Sheng(63)

.....GU Xiao-ming, ZHANG Hua, HUANG Shi-wei, etc(67)

.....GU Xiao-ming, ZHANG Hua, HUANG Shi-wei, etc(67)

Engineer & Application

Research on How to Construct an Integrated Tactical Training Simulation System for Navy Arms.....ZHANG Xin-jing, ZHAO Zhi-jun, XIE Guo-xin, etc(71)

Implement on Simulation of Formation Cooperative Air Defence System with Ship-to-Air Missile based on STAGE.....ZHENG Peng, SHI Zhang-song, ZHAO Hai-tao(76)

Simulation of Engineering Guarantee Queuing System Based on Multi-Agent...WANG Fu-ming, XIE Yong-sheng, ZHI Tao, etc(80)

Study on Theater of Air Defense Operation Military Strength Flow Management Simulation Environment.....YANG Feng, SUN Jin-biao, LU Yan, etc(83)

Research of Simulations Methods in Anti-ship Missile Flight.....FU Yan, FU Xin-sheng(87)

Research on Cannon Projectiles Distribution Simulation Based on Exterior Ballistic Visualization.....WANG Peng-hua, WANG Wen-ge, GAO Xiao-min, etc(90)

Design of the Television-guided Based on Actuation Pitch Attitude Control Loop of Servo System.....LI Jun-miao, YAO Jun(94)

Research on the Simulation and Calculation of Jamming Efficiency for Active Radar-Jammed Shells.....LI Lei, GONG Yan-sheng, XU Wei(97)

Influence of Target Motion Parameter Error on Homing Triggering Distance for Wake Homing Torpedo.....ZHANG Ke-hui, WEN Hong, LU Yong(102)

Research on Ship-to-Air Missile Miss Distance Against Anti-ship Missile.....DOU Ji-hua, LU Yong-hong, ZHONG Zhi-tong(105)

Research on Artillery Command Information System's Assessment Methods of Software Reliability.....CHEN Ju-ping, ZHANG Ji-chun, CHEN Yu(108)

Research on Shipborne Network Intrusion Detection Method Based on Neural Network.....MA Xi, LI Rui, YAO Jin(111)

Sonar Signal Cooperative Processing Between Multiple Boards Based on TMS320C6416 DSP.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

.....CHEN Hong-zhou, ZHU Si-Qi, HUO Jia-dao (114)

The Basic Parameters of This Issue: CN32-1759/TJ*1979*b*A4*122*zh*P*¥ 15.00*1 000*32*2010-10