

中文核心期刊
CSCD核心期刊
中国科技核心期刊
RCCSE中国核心学术期刊



96-2304
1213/TJ

兵器装备工程学报

Journal of Ordnance Equipment Engineering



目次

综述

硝化甘油合成及分析技术研究进展	郜浩田,付小龙,李吉祯,郑启龙,刘所恩,屈蓓,张亚俊(1)
防空导弹拦截效果评估研究综述	宋贵宝,刘镇毓,刘铁,姜子劼,刘战(7)
军用混合动力系统能量管理策略研究综述	曾繁琦,袁晓静,王旭平,张泽(15)
近场雷达三维成像技术综述	姜浩浩,曲卫,童菲(25)
基于 GAN 的 SAR 数据扩充研究综述	黄琼男,朱卫纲,李永刚(31)
无损检测技术在火炸药领域的应用研究进展	于思龙,杜姣姣,刘文亮,倪雨晨,王芳芳(39)

基础理论与应用研究

撞靶速度对活性破片释能规律的影响	刘青,杨华楠,廖雪松,古晓飞,刘俞平,任明(47)
筒式武器铝合金堵盖打开机理研究	黄瑞杰,阮文俊,步鹏飞(52)
基于粒子群优化的双脉冲发动机空空导弹爬高弹道研究	陈鹿斌,赵华超(57)
基于风险矩阵 + Borda 序值法的航母舰载机出动回收风险评估	刘攀龙(64)

装备理论与装备技术

耦合多维致伤判据的防暴动能弹安全设计规范研究	汪送(69)
NASGRO 裂纹扩展寿命模型的参数敏感性分析	柳文林,郁大照,胡家林(77)
爆轰载荷下三层药型罩射流成型影响研究	李昊,尹建平,王志军,毕广剑,陈赞,崔海林(83)
引信保险球质量和直径分布特性	杨修军,王雨时,闻泉,王光宇(90)
含能穿甲弹毁伤反舰导弹战斗部能力分析	郑添春,郭磊,焦延博,王均涛(96)
身管弹膛同锻成形下沉段开裂缺陷影响因素及判断准则研究	周勤孜,杨晨,樊黎霞,张必良,陈晓萍(102)
机枪枪管温度影响因素与综合性能分析	丁述宇,单永海,王平,徐云华(109)
某型反坦克导弹系列化设计气动性能的研究	闫胜利,熊永亮,何小辉(114)
海洋核动力平台水动力性能试验分析	孔凡富,余曼,李天鹤,郑亚雄,董海防,周友明,刘克勤(121)
集装箱用夹芯板抗爆性能仿真研究	陶思昊,王涛,王文欣,戚春保,秦铭澳(128)
旋翼飘带稳定式子弹降落弹道特性	宋晨,李磊(134)
基于蒙特卡洛法的反舰导弹搜捕概率仿真研究	张海峰,齐鸿坤,侯学隆,王宗杰(140)
弹药辐射温度测试技术研究	赵玉清,李建强,盛鹏,刘友红,李森,梁建军,庆朝军(146)

信息科学与控制工程

追踪过程中的无人机目标重定位方法研究	刘云平, 朱帅晖, 张婷婷, 许 军(151)
一种基于计算机视觉的胸环靶弹孔检测方法	黄应清, 陈晓明, 谢志宏, 田钦文(157)
文本风格转换模型的平衡性改进方法研究	刘延飞, 李 慧, 何玉杰(163)
基于 TOPSIS-BORDA 连续时间片的空中目标识别算法	梁复台, 周 焰, 陈 新, 张晨浩(169)
基于策略增益均衡的异构无人机协同决策方法	费思邈, 霍 琳, 李诗琪(174)
联合多核 FCM 和改进 GOA 的多无人机协同侦查航迹规划	靳江锋, 刘 旭(181)
化学危害事件三维态势感知系统	陈 松, 朱东升, 左钦文, 苏宏艺(189)
基于脑电指标的指控系统人机界面评价研究	王大颜, 瞿 珏(196)
基于 NLP 技术的装备故障文本匹配算法研究	祖月芳, 凌海风, 吕永顺(204)

机械制造与检测技术

基于 CBR-RBF-KG 的装填车液压系统故障诊断方法研究	郝俊杰, 高虹霓, 王 巍, 李建栋, 曹 虹, 宋新成(209)
风电机组功率特性劣化监测技术研究	付德义, 孔令行(215)
基于 1-DCNN 的滚动轴承退化预测研究	陈祥龙, 吴春志(222)
装甲车辆汇流行星排动力学建模与仿真分析	田钦文, 冯辅周, 王子涵, 陈晓明(228)
基于 infoGAN 和 CNN 的轴承小样本故障诊断	杨 青, 陆见光, 唐向红, 顾 鑫, 盛晓静, 杨瑞恒(235)

化学工程与材料科学

一种红外诱饵药剂辐射特性研究	孟 浩, 阮文俊(241)
高温老化对熔梯黑铝炸药爆速及安全性的影响	李东伟, 王 锋, 董 静, 曾晓华(247)
基于 EPO 的喷气燃料近红外光谱温度修正	曾庆松, 王菊香, 邢志娜, 魏腾飞, 孙 宇(252)

光学工程与电子技术

真空光阱中微球参数反馈控制的数值仿真研究	高立夫, 胡展铭, 韩 翔, 肖光宗, 罗 晖(259)
基于深度卷积对抗网络的迷彩设计方法	冉建国, 刘 珩, 张 品, 刘亚文, 吕振坚(264)
智能驾驶激光雷达避障光学成像系统	刘 福(270)

JOURNAL OF ORDNANCE EQUIPMENT ENGINEERING

Vol. 42 No. 11 (Sum. No. 280) Nov. 2021

CONTENTS

Research Progress in Synthesis and Analysis of Nitroglycerin GAO Haotian, FU Xiaolong, LI Jizhen, et al(1)

Summary of Research on Effectiveness Evaluation of Ship-to-Air Missile Interception
..... SONG Guibao, LIU Zhenyu, LIU Tie, et al(7)

Survey on Energy Management Strategy for Military Hybrid Power System
..... ZENG Fanqi, YUAN Xiaojing, WANG Xuping, et al(15)

Overview of Near Field Radar 3D Imaging Technology JIANG Haohao, QU Wei, TONG Fei(25)

Review on SAR Data Expansion Based on GAN HUANG Qiongnan, ZHU Weigang, LI Yonggang(31)

Research Progress in Application of Non-Destructive Testing in Explosives
..... YU Silong, DU Jiaojiao, LIU Wenliang, et al(39)

Effect of Hitting Target Speed on Releasing Energy of Reactive Fragment
..... LIU Qing, YANG Huannan, LIAO Xuesong, et al(47)

Study on Opening Mechanism of Aluminum Alloy Closure for Tube-Shape Weapon
..... HUANG Ruijie, RUAN Wenjun, BU Pengfei(52)

Climb Trajectory Optimization of AAM with Dual-Pulse Motor Based on Particle Swarm Optimization
..... CHEN Lubin, ZHAO Huachao(57)

Risk Assessment of Takeoff and Landing of Carrier-Based Aircraft Based on Integrated Application of Risk Matrix
and Borda count Method LIU Panlong(64)

Safety Design Specification of Anti-Riot Kinetic Energy Projectile Based on Multi-Dimensional Injury Criteria
..... WANG Song(69)

Sensitivity Analysis of Parameters in NASGRO Crack Growth Life Model LIU Wenlin, YU Dazhao, HU Jialin(77)

Influence of Three-Layered Liner Jet Forming Under Detonation Load LI Hao, YIN Jianping, WANG Zhijun, et al(83)

Distribution of Mass and Diameter of Fuze Safe Ball YANG Xiujun, WANG Yushi, WEN Quan, et al(90)

Analysis of Damage Ability to Warhead of Antiship Missile with Energetic Armour-Piercing Projectile
..... ZHENG Tianchun, GUO Lei, JIAO Yanbo, et al(96)

Research on Influencing Factors and Judgment Criterion of Cracking Defects in Sinking Section of the Barrel Forged
with Chamber and Rifled Bore ZHOU Mengtao, YANG Chen, FAN Lixia, et al(102)

Influence Factors of Barrel Temperature and Comprehensive Performance Analysis of Machine-Gun
..... DING Shuyu, SHAN Yonghai, WANG Ping, et al(109)

Aerodynamic Performance Study of Serial Design of a Certain Type of Anti-Tank Missile
..... YAN Shengli, XIONG Yongliang, HE Xiaohui(114)

Study on Hydrodynamic Performance Test of Marine Nuclear Power Plant
..... KONG Fanfu, YU Man, Li Tianyao, et al(121)

Simulation Research on Anti-Blast Performance of Sandwich Panel Used in Container
..... TAO Sihao, WANG Tao, WANG Wenxin, et al(128)

Descending Trajectory Characteristics of Rotor-Wing and Ribbon Stabilized Bullets SONG Chen, LI Lei(134)

JOURNAL OF ORDNANCE EQUIPMENT ENGINEERING

Vol. 42 No. 11 (Sum. No. 280) Nov. 2021

Simulation Study on Acquiring Probability of Anti-Ship Missile Based on Monte Carlo Method	
.....	ZHANG Haifeng, QI Hongkun, HOU Xuelong, et al(140)
Technical Study of Radiation Temperature Testing of Ammunition	... ZHAO Yuqing, LI Jianqiang, SHENG Peng, et al(146)
Research on UAV Target Relocation Method in Tracking Process	
.....	LIU Yunping, ZHU Shuaihui, ZHANG Tingting, et al(151)
Bullet Hole Detection Method of Chest Ring Target Based on Computer Vision Technology	
.....	HUANG Yingqing, CHEN Xiaoming, XIE Zhihong, et al(157)
Balance Improvement Methods of Text Style Transfer Model	 LIU Yanfei, LI Hui, HE Yujie(163)
Aerial Target Recognition Algorithm Based on TOPSIS-BORDA Continuous Time Slice	
.....	LIANG Futai, ZHOU Yan, CHEN Xin, et al(169)
Heterogeneous UAVs Collaborative Decision Method Based on Policy Improvement Balance Mechanism	
.....	FEI Simiao, HUO Lin, LI Shiqi(174)
Multi UAV Cooperative Reconnaissance Path Planning Algorithm Based on Multi-Core FCM and Improved Locust	
Optimization Algorithm	 JIN Jiangfeng, LIU Xu(181)
Three-Dimensional Situation Awareness System of Chemical Hazards	
.....	CHEN Song, ZHU Dongsheng, ZUO Qinwen, et al(189)
Research on Human-Computer Interface Evaluation of Allegation System Based on EEG Indicators	
.....	WANG Dayan, QU Jue(196)
Matching Algorithm of Equipment Fault Text Based on NLP Technology	
.....	ZU Yuefang, LING Haifeng, LYU Yongshun(204)
Failure of Hydraulic System of Loading Truck Based on CBR-RBF-KG Diagnosis Method Research	
.....	HAO Junjie, GAO Hongni, WANG Wei, et al(209)
Research on Wind Turbine Power Performance Degradation Monitoring	 FU Deyi, KONG Lingxing(215)
Prediction for Rolling Bearing Performance Degradation Based on 1-DCNN	 CHEN Xianglong, WU Chunzhi(222)
Dynamic Modeling and Simulation of Conflux Planetary Gearset in Armored Vehicles	
.....	TIAN Qinwen, FENG Fuzhou, WANG Zihan, et al(228)
Bearing Small Sample Fault Diagnosis Based on InfoGAN and CNN	
.....	YANG Qing, LU Jianguang, TANG Xianghong, et al(235)
Study on Radiation Characteristics of a Kind of Infrared Decoy	 MENG Hao, RUAN Wenjun(241)
Effect of High Temperature Aging on Detonation Velocity and Safety of a RTHL Explosive	
.....	LI Dongwei, WANG Feng, DONG Jing, et al(247)
Near Infrared Spectrum Temperature Correction for Jet Fuel Based on EPO	
.....	ZENG Qingsong, WANG Juxiang, XING Zhina, et al(252)
Numerical Simulations on Parametric Feedback Control of Optically Trapped Microsphere in Vacuum	
.....	GAO Lifu, HU Zhanming, HAN Xiang, et al(259)
Camouflage Design Method Based on DCGAN	 RAN Jianguo, LIU Heng, ZHANG Pin, et al(264)
Optical Image Design of a Laser Radar for Intelligent Driving	 LIU Fu(270)

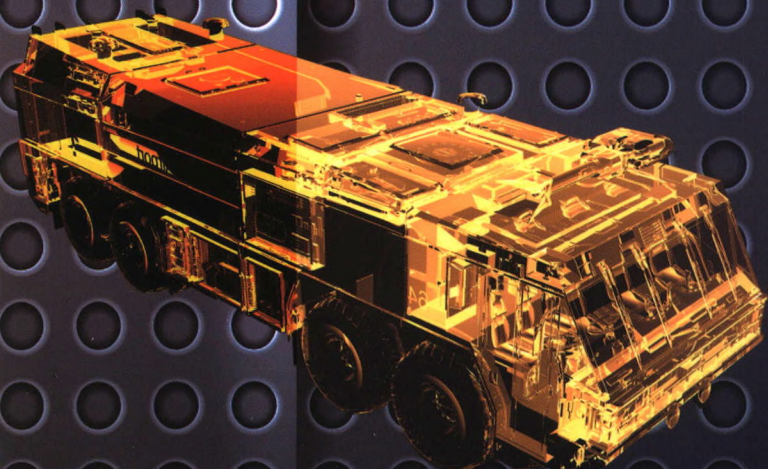
中文核心期刊
CSCD核心期刊
中国科技核心期刊
RCCSE中国核心学术期刊
美国化学文摘收录期刊
美国乌利希期刊指南收录期刊
中国兵工专业文献数据库收录期刊
中国学术期刊评价数据库来源刊
CNKI中国期刊全文数据库来源刊
中国科技论文在线数据库来源刊
中国学术期刊文摘数据库 (CSAD) 收录

兵器装备工程学报

Journal of Ordnance Equipment Engineering

主管单位
中国兵器装备集团有限公司

主办单位
重庆市兵工学会
重庆理工大学



兵器装备工程学报 ISSN 2096-2304 定价: 40元 (人民币)
CN 50-1213/TJ

万方数据

封面设计: 唐