

ISSN 1006-0707

四川兵工学报

JOURNAL OF SICHUAN ORDNANCE

2013年第1期
第34卷
总第174期

1



SICHUAN BINGGONG XUEBAO

主办单位：重庆市（四川省）兵工学会 重庆理工大学

- ☆ 中国科技核心期刊
- ☆ 中国科技论文统计源期刊
- ☆ 美国化学文摘（CA）收录期刊
- ☆ 中国学术期刊评价数据库来源期刊
- ☆ CNKI中国期刊全文数据库收录期刊
- ☆ 中国科技论文在线数据库来源期刊

ISSN 1006-0707



01 >

9 771006 070090

万方数据

目 录

武器装备理论与技术

- 基于改进遗传算法的最优精度飞行程序角设计方法 鲜 勇,田海鹏,冯 杰,王 剑(1)
Study of Designing Trajectory Missile's Flight Process of the Optimal Precision Based on the Improved Genetic Algorithm
..... XIAN Yong, TIAN Hai-peng, FENG Jie, et al(1)
- 基于多 Agent 的某型导弹智能诊断系统中网络模块的设计与实现 杨 军,赵 磊(5)
Network Module Design and Realization of Fault Diagnosis System of One Type of Missile Based on Multi-agent
..... YANG Jun, ZHAO Lei(5)
- 故障树分析法在某型轮式自行火炮故障诊断中的应用 邵新杰,康海英,田 广,曹立军(9)
Application of Fault Tree Analysis Method in Fault Diagnosis of a Certain Type of Wheel Self-Propelled Gun
..... SHAO Xin-jie, KANG Hai-ying, TIAN Guang, et al(9)
- 激光诱饵系统作战使用基本理论 蒋启泽,刘 柱(13)
Study on the Basic Theory of Operational Use of Laser Decoy System JIANG Qi-ze, LIU Zhu(13)
- 考虑振动模态耦合的结构声振特性 高晟耀,王德石,代仁文(16)
Research on Structural Vibro-acoustic Characteristics with the Cross-modal Coupling
..... GAO Sheng-yao, WANG De-shi, DAI Ren-wen(16)
- 某型激光探测器高温过载失效原因分析及改进措施 李玉宝,刘 兵,邓 敏,杨 川(21)
Cause Analysis of High Temperature Overload Failure of a Certain Laser Detector and Improvement Measures
..... LI Yu-bao, LIU Bin, DENG Min, et al(21)
- 氮气投放系统中超高压电磁阀的可靠性研究 张素萍(24)
Research on Reliability of Superhigh Pressure-Solenoid Valve for Launch Equipment with Nitrogen Resource
..... ZHANG Su-ping(24)
- 高速动能体对飞机毁伤数值仿真 赵汝岩,卢洪义,朱 敏(28)
Numerical Analysis of High-Speed Kinetic Energy Projectile Mutilating to the Aircraft
..... ZHAO Ru-yan, LU Hong-yi, ZHU Min(28)
- 俄罗斯潜射弹道导弹发展历程 白云辉(32)
Submarine Launched Ballistic Missiles of Russia BAI Yun-hui(32)
- 雷伞分离装置振动机理与解脱性能 李 晖,王德石,朱拥勇(35)
The Vibration Mechanism and Disengagement Capability of Mine-umbrella Installation
..... LI Hui, WANG De-shi, ZHU Yong-yong(35)
- 弹炮结合系统作战效能仿真 李 桥,何 毅,邱一文(39)
Simulation Research on the Operation Effectiveness of Missile-Artillery Integration System
..... LI Qiao, HE Yi, QIU Yi-wen(39)
- 基于神经网络模型的潜射反舰导弹作战效能分析 刘吉军,李 刚,王宗亮(42)
On Integrated Battle Effectiveness of Missile Launched by Submarine Based on Neural Network
..... LIU Ji-jun, LI Gang, WANG Zong-liang(42)

- 某火炮自动供弹机定位精度影响因素分析 赵抢抢, 侯保林(45)
Analysis of the Positioning Accuracy Influence Factors of a Gun's Automatic Ramming Organ
..... ZHAO Qiang-qiang, HOU Bao-lin(45)
- 巡航导弹航迹规划威胁规避方法 曾焱焱, 赵九奋(49)
A Study of Threat Avoidance in Path Planning for Cruise Missile ZENG Yan-yao, ZHAO Jiu-fen(49)
- 弹道导弹打击航母体系破击效果分析 康 璞, 毕义明, 翟龙刚, 裴 莹(53)
Analysis to the Sabotaged Effects of the Ballistic Missile Weapons Attacking Aircraft Carrier
..... KANG Pu, BI Yi-ming, ZHAI Long-gang, et al(53)
- 某型炮兵雷达探测系统自动寻北标定仪总体设计与实现 仇 磊, 陶海军(58)
Overall Design and Implementation in Automatic North Seeker of Artillery Meteorological Radar Detection System
..... QIU Lei, TAO Hai-jun(58)

后勤保障与装备管理

- 基于贝叶斯网络的后勤装备维修合同商保障风险识别与评估
..... 曹会智, 杨 超, 单长华, 陈泽东, 牛俊峰(61)
Risk Identification and Evaluation of Logistics Equipment Maintenance Contractor Support Based on Bayesian Network
..... CAO Hui-zhi, YANG Chao, SHAN Chang-hua, et al(61)
- 基于 SOA 的战略装备器材保障信息系统设计 李 东, 吴龙涛(65)
Design of SOA-Based Information System of Strategic-level Equipment Material Support LI Dong, WU Long-tao(65)
- 基于 Bayes 方法的火箭弹存储可靠性分析 鲁 力, 黄 森, 南 骅(69)
Analysis of Reliability of Rocket Storage Based on Bayes Method LU Li, HUANG Miao, NAN Hua(69)
- 基于工作流的装备修理业务管理系统的设计 陈寿齐, 何庆国, 卢志伟, 倪培松(72)
A Design of Equipment Repair Management System Based on Workflow CHEN Shou-qi, He Qing-guo, LU Zhi-wei, et al(72)
- 舰炮制导弹药保障性及其参数分析 肖 林, 张可佳(76)
Analysis for the Supportability and Supportability Parameter of Naval Gun Guidance Ammunition ... XIAO Lin, ZHANG Ke-jia(76)

机械制造与检测技术

- 远程榴弹底排装置的火焰持续温度测量评定标准 刘万波, 曹海庆, 白冬龙(80)
The Flame Continuous Temperature Evaluation Judgement Standard of Long-range Shrapnel Bottom Releaser
..... LIU Wan-bo, CAO Hai-qing, BAI Dong-long(80)
- 液压同步提升装置在直升机定检维护中的应用 李二华, 郭朝勇, 周邢银, 何玉灵(84)
Application of Hydraulic Synchronous Lifting System in Scheduled Maintenance of Helicopter
..... LI Er-hua, GUO Chao-yong, ZHOU Xing-yin, et al(84)
- 红热穿孔坯的偏心矫正修磨 王晓虎, 刘先勇, 陈 波(87)
Eccentric and Rectificatory Conditioning for Red-Hot Perforated Steel Pipes WANG Xiao-hu, LIU Xian-yong, CHEN Bo(87)

信息科学与控制工程

- 用雷达海杂波反演蒸发波导的蚁群算法 程 焕, 谢洪森, 孙大军, 甄兴仁(91)
Analyzing Evaporation Duct from Radar Sea Clutter Using Ant Colony Algorithm
..... CHENG Huan, XIE Hong-sen, SUN Da-jun, et al(91)
- 基于遗传算法的配送车辆路径规划 郭秀红(94)
Research of Vehicle Routing Optimization Based on Genetic Algorithm GUO Xiu-hong(94)

- 相邻特定平飞段间纵向航迹的快速规划算法 向明思,刘新学,郝 辉,李雪瑞(97)
Fast Planning Algorithm of Vertical Track Between Adjacent Specific Level Flight Segments
..... XIANG Ming-si, LIU Xin-xue, HAO Hui, et al(97)
- 一个混沌系统保密通信电路的构造 杨留猛,俞建宁,安新磊,张文娟,张建刚(101)
The Construction Based on Secure Communication Circuit of a Chaotic System
..... YANG Liu-meng, YU Jian-ning, AN Xin-lei, et al(101)
- K&C 模型的随机骨料混凝土侵彻应用 赵 睿,姚 勇,邓勇军(105)
Concrete Penetration Simulation Based on the Micromechanics ZHAO Rui, YAO Yong, DENG Yong-jun(105)
- 高重频激光探测回波特性分析及探测系统设计要 求 崔 洋,孙华燕(108)
Echo analysis of High-repetition-rate Laser Detection and design requirements of detection system
..... CUI Yang, SUN Hua-yan(108)
- 基于 DOS 的车载 GPS 定位测向系统研制 刘子杨,江 剑(111)
Vehicle Positioning Direction Finding System Development Based on DOS LIU Zi-yang, JIANG Jian(111)
- MPSK 信号调制识别方法 贾志军,孙 洋,毛 欣(114)
Summary of the Methods in MPSK Modulation Recognition JIA Zhi-jun, SUN Yang, MAO Xin(114)
- 利用数学形态学和复数小波方向窗维纳滤波的图像去噪算法 乔林峰,王 俊(117)
Wavelet-Based Image Denoising via Wiener Filtering Using Complex Wavelet Directional Windows and
Mathematic Morphology QIAO Lin-feng, WANG Jun(117)

光学工程与电子技术

- 火箭橇测速电子测时仪的设计与应用 钱礼华,孙 帅,申晓敏,刘保炜(120)
Design and Application of Electronic Time Measurement Instrument in the Rocket Sled Velocity Measurement
..... QIAN Li-hua, SUN Shuai, SHEN Xiao-min, et al(120)
- 某型武器装备磁带存储系统国产化 蔡绍伟,吴千秋,赵 丰,杨国平,姜广顺(125)
Research on the Local Modification to Magnetic Tape Storage System of an Imported Weapon Equipment
..... CAI Shao-wei, WU Qian-qiu, ZHAO Feng, et al(125)

化工工程与材料科学

- 不同聚合物添加剂对梯黑熔铸炸药力学性能的影响 贺传兰,温茂萍,王平胜,罗 观(129)
Study on the Effect of Polymer Additive on Mechanical Properties of the T-R Castable Explosives
..... HE Chuan-lan, WEN Mao-ping, WANG Ping-sheng, et al(129)
- PVA 包覆纳米 RDX 的界面化学研究 雷 林,马忠亮,梅楚圣,赵建平(132)
Study on Interface Chemical Problems in Coating Process of Ultra-fine Explosives
..... LEI Lin, MA Zhong-liang, MEI Chu-sheng, et al(132)

基础理论与应用研究

- 海水中电偶极子电场分布有限元分析 刁爱民,杨庆超,王杏青(136)
Finite Element Analysis of Electric Fields in HED in Sea Water DIAO Ai-min, YANG Qing-chao, WANG Xing-qing(136)
- 航空机务人员胜任力评价研究 高 鸥,邢国平,韩 力(139)
Research on the Assessment of Aero Maintenance Personnel Competency GAO Kun, XING Guo-ping, HAN Li(139)
- 助烧剂对凝胶注模成型制备 B₄C 的影响 王洪剑(144)
The Effect of Sintering Aid on Gel-casting of B₄C Preparation WANG Hong-jian(144)