

四川兵工学报

JOURNAL OF SICHUAN ORDNANCE

ISSN 1006-0707
CODEN SBXUFD

2013年第3期
第34卷
总第176期

3



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



03>

9 771006 070090

目 录

武器装备理论与技术

- 火箭弹脉冲修正机构控制精度分析 郭正玉, 梁晓庚(1)
Rocket Projectile Impulse Correction Device Control Accuracy Analysis GUO Zheng-yu, LIANG Xiao-geng(1)
- 火炮身管烧蚀磨损的灰色预测模型 孟翔飞, 王昌明, 何博侠, 陆建山, 胡伟伟(5)
Grey Prediction Model of Gun Barrel Erosion and Wear MENG Xiang-fei, WANG Chang-ming, HE Bo-xia, et al(5)
- 水中兵器捷联惯导传递对准分析 孔德永(8)
Transfer Alignment Analysis of Strapdown Inertial Navigation System for Underwater Weapon KONG De-yong(8)
- 线圈发射过程弹丸参数设置 沈小庆, 倪谷炎(12)
Parameter Settings of the Projectile in EML SHEN Xiao-qing, NI Gu-yan(12)
- 武器对抗仿真系统运行可信性评估研究 刘 君, 李 博, 李庆民, 张志华(16)
Dynamic Credibility Estimation of Weaponry Rivalries Simulation System ... LIU Jun, LI Bo, LI Qing-min, ZHANG Zhi-hua(16)
- 涡轮驱动悬浮装置动力特性分析和试验 胡西博, 钱建平, 季溢栋, 雷 伟(21)
Aerodynamics Analysis and Experimental Research of Hovering Device Driven by Turbine
..... HU Xi-bo, QIAN Jian-ping, JI Yi-dong, et al(21)
- 多模式 EFP 战斗部毁伤性能试验 解文辉, 黄长友, 安国辉(26)
Experimental Study on Damage Effect of Multimode EFP Warhead XIE Wen-hui, HUANG Chang-you, AN Guo-hui(26)
- 一种制导火箭炮弹的设计和技术探析 程洪涛, 张敬修, 陈习智(29)
Design and Analysis of One Kind of Guidance Rockets CHENG Hong-tao, ZHANG Jing-xiu, CHEN Xi-zhi(29)
- 近距格斗导弹发射分离安全分析 李亚柯, 梁晓庚, 郭正玉(32)
Short Range Air-to-air Missile Launch Safety Analysis LI Ya-ke, LIANG Xiao-geng, GUO Zheng-yu(32)
- 实际大气虚温和气压变化对弹丸射程影响程度的灰色关联分析 齐海萍(36)
Grey Relational Analysis on the Effect of Actual Virtual Temperature Change and Actual Air Pressure Change to Range
..... QI Hai-ping(36)
- 某型导弹振动中触发引信误动作故障 唐尚华, 刘勇涛, 朱素英, 吴 炜(41)
Analysis of False Action of Impact Fuze on a Missile Vibration TANG Shang-hua, LIU Yong-tao, ZHU Su-ying, et al(41)
- 某型枪弹弹头飞行稳定度改善方法 张洪星, 曹志刚, 齐杏林(45)
Analysis on the Amelioration of Bullet Flying Stability ZHANG Hong-xing, CAO Zhi-gang, QI Xing-lin(45)
- 火炮内膛破坏机理 刘志伟, 王其林, 余朋明(47)
In Gun Chest Damage Mechanism Analysis LIU Zhi-wei, WANG Qi-lin, YU Peng-ming(47)
- 基于体系作战效能的武器装备体系评估 张 亮, 赵振南, 王 利(50)
Evaluation of Weapon System-of-Systems Based on Combat Effectiveness ZHANG Liang, ZHAO Zhen-nan, WANG Li(50)
- 小口径炮弹铜弹带自动焊接技术 舒泽胜, 余海勇(53)
Automatic Welding for Shell Copper Belt of Small-Caliber Cartridges SHU Ze-sheng, YU Hai-yong(53)

- 某步枪发射机构分析计算 武新明(56)
Analysis and Calculation of the Firing Mechanism of Some Rifle WU Xin-ming(56)
- 爆炸复合用炸药的吸湿行为分析及控制措施 杨学山, 李选明, 王虎年(59)
Analysis of the Moisture Absorption of Explosion Cladding-based Explosive and Corresponding Control Measures
..... YANG Xue-shan, LI Xuan-ming, WANG Hu-nian(59)
- 基于灰色关联分析法的炮兵火力打击目标排序问题研究 杨宇飞, 刘建闯(61)
Research on the Target Scheduling Problems of Artillery Fire Based on Grey Relationship Analysis
..... YANG Yu-fei, LIU Jian-chuang(61)
- 火炸药理化实验室危害辨识与防护 李连强, 林新兵, 颜录科, 王 焘, 张双保(64)
The Identification and Protection of Risk and Hazard Factors in the Physical and
Chemical Analysis Laboratory of Powders and Explosives LI Lian-qiang, LIN Xin-bing, YAN Lu-ke, et al(64)
- 异构通信网络战场态势信息共享系统 李 娟(68)
Battlefield Situation Share System Based on Isomeric Network Architecture LI Juan(68)

信息科学与控制工程

- 一种高精度自适应温控算法的设计与实现 郭天天, 沈 青, 周明安(71)
Design and Application of a High-Accurate Adaptive Temperature Control Algorithm
..... GUO Tian-tian, SHEN Qin, ZHOU Ming-an(71)
- 某型轮式自行迫榴炮综合检测系统设计 邵新杰, 康海英, 阎 文, 田 广, 刘金华(75)
Design of Comprehensive Inspection System of a Certain Type of Wheel Self-Propelled Mortar-howitzer
..... SHAO Xin-jie, KANG Hai-ying, YAN Wen, et al(75)
- 基于局部综合制导与控制的无人机紧密编队飞行仿真 赵 锋, 杨 伟, 杨朝旭(78)
Research on Close Formation Flight of UAVs Based on Partial Integrated Guidance and Control
..... ZHAO Feng, YANG Wei, YANG Zhao-xu(78)
- 长波通信在无人水下航行器上的应用 付天晖, 苏 敏(83)
Research on Long Wave Communication Technique for UUV FU Tian-hui, SU Min(83)
- 自动测试系统通用接口适配器设计 胡 林, 莫翠琼, 韩英永, 赵 益(86)
Design of Universal Interface Adapter for Automatic Test System HU Lin, MO Cui-qiong, HAN Ying-yong, et al(86)
- 微型三轴一体化光纤陀螺研究 周昌学, 陈朝春, 卜继军, 付 静, 帅师师, 胡 兴, 牟炳富(89)
Research on Minisize Three-axis Integration Fiber Optic Gyroscopes ... ZHOU Chang-xue, CHEN Chao-chun, BU Ji-jun, et al(89)
- 六自由度电动平台系统模糊-前馈控制及仿真研究 赵玉龙, 梁建民, 吴健楠, 孙方义, 杨佐龙(92)
Research on Fuzzy-Feedforward Control and Simulation of Electric Platform System with Six Degrees of Freedom
..... ZHAO Yu-long, LIANG Jian-min, WU Jian-nan, et al(92)
- 在自主车辆路径规划中逆向 D* 算法的应用 雷雨能, 赖文娟, 曾 刊(96)
Applied Research of Converse D-star Algorithm in Freedom Vehicle Path Planning
..... LEI Yu-neng, LAI Wen-juan, ZENG Kan(96)
- 基于双目视觉和投影圆的平面度非接触检测方法 陈小宁, 郭 进, 姚一永(99)
A Non-contact Measurement Method for Flatness Degree Based on Binocular Vision and Projection
..... CHEN Xiao-ning, GUO Jin, YAO Yi-yong(99)
- 基于 C8051F045 单片机的轮速测量电路设计 赖文娟, 曾 刊, 雷雨能(103)
The Design of the Wheel Speeds Measurement Circuit Based on C8051F045 MCU
..... LAI Wen-juan, ZENG Kan, LEI Yu-neng(103)

- 红外果蔬干燥视觉控制系统的研究 李建军, 弋晓康, 王 伟(106)
Research on the Visual Control System of Infrared Drying Fruits and Vegetables LI Jian-jun, YI Xiao-kang, WANG Wei(106)

后勤保障与装备管理

- 大力培养新型军事指挥人才 高桂清, 史重建, 马 良(110)
The Cultivation of New Type Military Commanders under the Requirement of Joint Operation
..... GAO Gui-qing, SHI Chong-jian, MA Liang(110)
基于能力的技术保障装备体系建设问题 李运祯, 赵 益, 胡 林, 高 旺(113)
Research on Construction of the Technical Support Equipment System Based on Ability
..... LI Yun-zhen, ZHAO Yi, HU Lin, et al(113)
条码技术在装备维修器材日常管理业务中的应用 武 鹏, 凌海风, 杨炜辰, 张 军(116)
Barcode Technology in the Daily Management of the Business of the Maintenance Equipment
..... WU Peng, LING Hai-feng, YANG Wei-chen, et al(116)
声纳装备采购模型优化算法求解 肖 军, 李 海, 费志刚(121)
Optimal Algorithm and Solution for Purchase Model of Sonar Equipment XIAO Jun, LI Hai, FEI Zhi-gang(121)
军械装备管理信息实时监控系统设计及实现 翁 璐, 朱良明, 孙国磊, 张立民(124)
Design and Realization of the Management Information Real-time Monitoring System for Ordnance Equipment
..... WENG Lu, ZHU Liang-ming, SUN Guo-lei, et al(124)

机械制造与检测技术

- 基于正交试验的汽车覆盖件冲压成形分析 王德伦, 王奋飞(128)
Analysis for Stamping Process of Automotive Body Parts Based on Orthogonal Experiments ... WANG De-lun, WANG Fen-fei(128)
遗传算法在故障诊断中的应用 赵建春, 叶丽娜, 张兵兵(132)
Application of Genetic Algorithm on Fault Diagnosis ZHAO Jian-chun, YE Li-na, ZHANG Bing-bing(132)

化工工程与材料科学

- 一种新型耐温耐磷化轻武器夜瞄复合发光材料研制
..... 刘 进, 冯蒙丽, 宋春荣, 黄红军, 胡建伟, 蔡玉平(135)
Preparation of a New Temperature-Acid-Phosphating-Resistant Composite Luminescent Materials Applied to
Light-Armed Collimation at Night for Infantry LIU Jin, FENG Meng-li, SONG Chun-rong, et al(135)

基础理论与应用研究

- 基于模糊识别的空袭目标威胁度判断 张玉琳, 蒋里强, 李玉新(139)
The Judge of Aerial Target Threat Based on Fuzzy Recognition ZHANG Yu-lin, JIANG Li-qiang, LI Yu-xin(139)
兵器工业生产现场的熵权 TOPSIS 评价方法 朱全洲, 王 政, 黄少彬, 任 勇, 王晓林(143)
Technique for Order Preference by Similarity to Ideal Solution Based on Entropy Weight on the Evaluation of
Working Field of Weaponry Industry ZHU Quan-zhou, WANG Zheng, HUANG Shao-bin, et al(143)
基于信息系统炮兵作战要素集成训练 左修伟, 张 金, 蒋 一, 左 涛(146)
Integrated Training of Artillery Combat Elements Based on Information System
..... ZUO Xiu-wei, ZHANG Jin, JIANG Yi, et al(146)