

四川兵工学报

JOURNAL OF SICHUAN ORDNANCE

ISSN 1006-0707
CODEN SBXUFD

2013年第7期
第34卷
总第180期

7



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



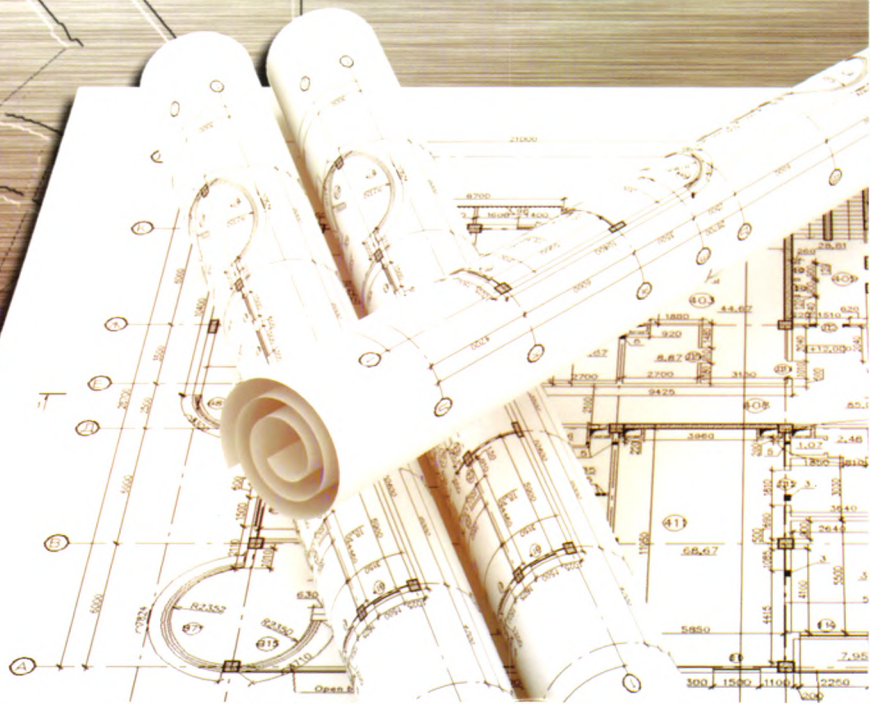
ISSN 1006-0707



07 >

9 771006 070090

万方数据



目 录

武器装备理论与技术

- 某型固体火箭发动机点火药盒的改进设计 卢文忠, 张 磊, 冀海燕(1)
 The Improved Design of Igniter Cartridge on Some Solid Rocket Motor LU Wen-zhong, ZHANG Lei, JI Hai-yan(1)
- 火箭助飞鱼雷入水点精度 Bayes 点估计评定方法 邵宗战, 侯代文, 房 毅(4)
 Point Estimation Assessment Method of Water Entry Accuracy for Rocket-Assisted Torpedo
 SHAO Zong-zhan, HOU Dai-wen, FANG Yi(4)
- 某型试飞器半实物仿真系统的设计 龚 铮, 武文峰(7)
 The Design for Hardware in the Loop Simulation System of Certain Program-Controlled Flight-Test Aircraft
 GONG Zheng, WU Wen-Feng(7)
- 炮弹弹带剥离机的设计应用 曹海庆, 白冬龙, 邱 硕(11)
 Design and Application of the Artillery Shells Peeling Machine CAO Hai-qing, BAI Dong-long, QIU Shuo(11)
- 基于 Rough 集和回归型 SVM 的超视距空战威胁评估 张文忠, 孙永芹, 杨洪立, 张国贤(14)
 Threat Assessment Based on Rough Set and Support Vector Machines for Regression in Beyond-Visual-Range Air Combat
 ZHANG Wen-zhong, SUN Yong-qin, YANG Hong-li, et al(14)
- AD9910 在雷达信号源中的应用 李 倩(19)
 Application of AD9910 in Radar Signal Source LI Qian(19)
- 某迫榴式火炮反后坐装置的结构优化及分析 宋 焦, 何 永, 赵 威, 陶齐冈(22)
 Optimal Structural Design and Analysis on Recoil Mechanism of Howitzer Mortar SONG Jiao, HE Yong, ZHAO Wei, et al(22)
- 火炮系统任务执行能力仿真评估 王 乾, 张 炜, 李 江(25)
 Simulation Evacuation Research on Cannon System Mission Implementation Capability ... WANG Qian, ZHANG Wei, LI Jiang(25)
- 基于遗传算法的舰炮随动系统 PID 参数整定 王茂林, 张志华, 武翰文(30)
 PID Parameter Setting of Naval Gun Servo System Based on Genetic Algorithm
 WANG Mao-lin, ZHANG Zhi-Hua, WU Han-Wen(30)
- 攻防对抗中追逃双方的最优策略及其参数分析 黑高源(33)
 The Optimal Strategies and Parameter Analysis in a Zero-Sum Pursuit-Evasion Game HEI Gao-yuan(33)
- 海军礼炮声场计算 何 行, 彭松江(36)
 The Calculation of Gun Solute's Sound Field HE Hang, PENG Song-jiang(36)
- 超高射频火炮射击实验及内弹道仿真 张绪明, 侯 健, 郭 栋(39)
 Numerical Simulation of Interior Ballistics and Firing Experiment of Super-high Firing Rate Gun
 ZHANG Xu-ming, HOU Jian, GUO Dong(39)
- 磁阻线圈型电磁发射器的动态仿真与实验 侯炎磐, 刘振祥, 杨丽佳, 沈 志, 欧阳建明, 杨 栋, 蒋雅琴(43)
 Dynamic Simulation and Experiment of the Reluctance Coil Launcher HOU Yan-pan, LIU Zhen-xiang, YANG Li-jia, et al(43)
- 装药缺陷对固体火箭发动机内弹道性能的影响 李 焕, 杨立波, 许云志(46)
 Study on Effect of Grain with Defects on Solid Rocket Motor LI Huan, YANG Li-bo, XU Yun-zhi(46)

雷达状态检测数据非均匀稀化方法 黄运来, 柏航, 冯继伟, 陈俊强(49)
A Method of Radar State Detection Data Non-uniform Desaturation HUANG Yun-lai, BAI Hang, FENG Ji-wei, et al(49)
弹载某型同步器仿真研究 蒋建军, 张然, 王蜀南, 宋楠(52)
The Simulation of Synchronizer Based on Missile JIANG Jian-jun, ZHANG Ran, WANG Shu-nan, et al(52)
火炮靶场试验中危险源辨识与安全防护 李连强, 张康(55)
The Hazard Identification and Security Study of the Artillery Ranges Trial LI Lian-qiang, ZHANG Kang(55)
国外远程制导火箭弹技术现状与趋势 张明星, 黄晓霞(59)
Analysis of the Current Situation and Trend about Foreign Remote Guided Rocket Projectile Technology
..... ZHANG Ming-xing, HUANG Xiao-xia(59)

后勤保障与装备管理

基于 SOA 数据共享技术在装备保障系统中的应用 张惠民, 胡海荣, 崔伟宁, 房璐璐(63)
Study and Use of Data Synchronization in the General Equipment Support Information System Based on SOA
..... ZHANG Hui-min, HU Hai-rong, CUI Wei-ning, et al(63)
合同商服务质量评估方法 阎连新, 单长华, 李沛, 师张卓, 易家卓(67)
Research on Evaluation Method of Vehicle Equipment Contractor's Service Quality
..... YAN Lian-xin, SHAN Chang-hua, LI Pei, et al(67)
沉底爆源大地坐标测量方法 李兵, 曹庆刚, 房毅(70)
Research on Geodetic Coordinates Measuring Method of Ground Explosion Source LI Bing, CAO Qing-gang, FANG Yi(70)

机械制造与检测技术

模块化机械密封试验台的设计与应用 郭文勇, 陈林根, 刘海涛(74)
The Design and Application of Modularized Mechanical Seal Test Bed GUO Wen-yong, CHEN Lin-gen, LIU Hai-tao(74)
多楔 V 形带轮旋挤组合成形的整体解决方案 李建平(77)
Study on Total Solution for Multi-wedge V-belt Wheel Combined Forming of Spinning and Extrusion LI Jian-ping(77)

信息科学与控制工程

数字气压高度表数据处理算法分析 高善清, 魏新亮(80)
The Analysis of Digital Barometer Processing Algorithms GAO Shan-qing, WEI Xin-liang(80)
基于 VRNET Developer 的战术互联网仿真 董保良, 周兴乾(83)
Study on Tactical Internet Simulation Based on VRNET Developer DONG Bao-liang, ZHOU Xing-qian(83)
基于 DSP 的步进电机控制系统的设计 张鸿斌(88)
Design of Stepper Motor Control System Based on DSP ZHANG Hong-bin(88)
时空综合被动定位在机动目标跟踪过程中的应用 杨茂林(92)
Application of Space-Time Integrated Localization in Maneuvering Target Tracking YANG Mao-lin(92)
基于 Portal 的装备保障信息系统设计与实现 崔伟宁, 毕明光, 金传洋(98)
Design and Implementation of Equipment Support Information System Based on Portal
..... CUI Wei-ning, BI Ming-guang, JIN Chuan-yang(98)
Vericut 数控仿真技术研究及应用 蒋丽霞(101)
Research and Application on NC Simulating Technology Based on Vericut JIANG Li-xia(101)

防护墙对远场冲击波防护作用的数值模拟 崔豹,赵继广,陈景鹏,张杨(104)

Numerical Simulation of Protective Effect of Far Field on Explosion Wave with Protective Wall

..... CUI Bao, ZHAO Ji-guang, CHEN Jing-peng, et al(104)

空间信息支援指挥决策基本问题研究 侯妍,张雷(109)

Research on the Basic Issues of Command Decision-making in Space Information Support HOU Yan, ZHANG Lei(109)

基于 Stribeck 摩擦模型的系统模糊滑模控制 王洪剑,蒋帆(113)

Fuzzy Sliding Mode Control Based on Stribeck Model for Servo System WANG Hong-jian,JIANG Fan(113)

新型铝—空气电池管理系统设计 刘岳滨,赵军红,胡东杰(116)

The Design for New Aluminum-Air Battery Management System LIU Yue-bing, ZHAO Jun-hong, HU Dong-jie(116)

城域网 IPTV 视频资源整合方法及技术 赵越,李冬妮(120)

Strategies and Techniques of IPTV Video Resources Integration on Metropolitan Area Network ZHAO Yue, LI Dong-ni(120)

光学工程与电子技术

高动态扩频信号捕获的多普勒补偿 方科(122)

Research on Doppler Compensation in Acquisition of High Dynamic Spread Spectrum Signals FANG Ke(122)

双目视觉内腔疵病检测系统 王海伟,周斌,傅东石(125)

Flaw-Detecting System for Chamber of Artillery Based on Binocular Vision WANG Hai-wei, ZHOU Bin, FU Dong-shi(125)

化学工程与材料科学

纳米颗粒在防腐蚀涂料中的应用 李文钊,王波,杜仕国,郭毅,闫军(129)

Application of Nano-materials on Anti-corrosion Coatings LI Wen-zhao,WANG Bo, DU Shi-guo, et al(129)

消焰剂对炮口烟焰的影响 李强,闫光虎,严文荣,刘强,赵晓梅,张江波,杜江媛,周媛丽(133)

Effect of Flash Reducing Agent on the Muzzle Flash and Smoke LI Qiang, YAN Guang-hu, YAN Wen-rong, et al(133)

基础理论与应用研究

层次分析法在道路运输应急集结地构建中的应用 殷涛(137)

Application of Analytic Hierarchy Process at the Staging Area in the Construction of Road Transportation Emergency

..... YIN Tao(137)

氩/氢等离子射流特性研究 王德文,杨月诚,查柏林(141)

Study on Characteristics of Ar/H₂ Plasma Jet WANG De-wen, YANG Yue-cheng, ZHA Bai-lin(141)

对地观测小卫星的轨道设计及目标覆盖仿真 孙洋,徐慨,张静,毛欣(145)

The Design and Target Coverage Simulation of Small Earth Observation Satellite Orbit

..... SUN Yang, XU Kai, ZHANG Jing, et al(145)

已知长度和模糊姿态约束 GPS 短基线定向研究 王修,张德佳(149)

The Study of GPS Short Baseline Orientation Method Under the Constraint of Known Length and Fuzzy Attitude

..... WANG Xiu, ZHANG De-jia(149)

基于量子遗传算法的军用道路纵断面优化设计

..... 田成祥,王怀晓,付成群,周磊(152)

Profile Optimal Design of Military Road Based on Quantum Genetic Algorithm

..... TIAN Cheng-xiang, WANG Huai-xiao, FU Cheng-qun, et al(152)