

中文核心期刊
中国科技论文统计源期刊
RCCSE中国核心学术期刊

ISSN 1004-499X
CODEN DAXUFB

弹道学报

第31卷 第1期
Vol. 31 No. 1

JOURNAL OF BALLISTICS

1
2019

中国兵工学会

目 次

基于随机规划的火炮膛内发射性能不确定性优化	徐凤杰,杨国来,王丽群	(1)
基于非层次型改进二级求解技术的大口径火炮多学科优化设计	王 浩,葛建立,王 知,等	(7)
基于 HyperWorks 的某迫击炮座钣结构优化	王锋锋,杨国来,葛建立	(14)
枪管结构对固有频率的影响	刘恒沙,徐 诚	(18)
坦克行进间垂向稳定器机电液系统的建模与仿真	马毓泽,杨国来	(23)
超声速流场中子母弹分离与子弹姿态变化规律的数值模拟	陈时通,于 勇	(29)
筒控火箭弹舵翼气动干扰特性研究	党建涛,封 锋,邹延兵	(36)
制导炸弹半实物仿真系统误差对仿真结果的影响	张培忠,高 坤,宁金贵	(43)
多约束下距离加权最优滑模末制导律	李宏宇,王旭刚,华思雨	(50)
射程的系统误差对检验统计量的干扰分析	梁秉中	(56)
斜激波与反应性气体界面作用的数值模拟	胡明媛,董 刚,陈耀慧,等	(60)
攻角变化超空泡射弹冲击水面的流体物理现象研究	施红辉,周素云,王 昀,等	(68)
低压长脉冲作用下 PBX 炸药的响应特性	孙文旭,王万军,罗智恒,等	(75)
钝黑-5 炸药中硬脂酸质量分数对燃烧转爆轰的影响	吴海山,王 迟	(80)
发射药颗粒间摩擦系数测定及其对装填密度的影响	郑向阳,张领科,符少波	(85)
起爆方式对周向 MEFP 战斗部性能影响的数值仿真	宋 平,李文彬,王晓鸣,等	(92)

期刊基本参数:CN32-1343/TJ*1989*q*A4*96*zh*P*¥15.00*1000*16*2019-03

责任编辑:欧阳立新 英文校订:邹 娜

CONTENTS

Uncertain Optimization of In-bore Launching Performance of Artillery Based on Stochastic Programming	<i>XU Fengjie, YANG Guolai, WANG Liqun</i>	(1)
Multi-disciplinary Optimization Design of Large Caliber Gun Based on Non-hierarchical Improved Two-level Solving Technique	<i>WANG Hao, GE Jianli, WANG Zhi, et al</i>	(7)
Structural Optimization for Base Plate of Mortar Based on HyperWorks	<i>WANG Fengfeng, YANG Guolai, GE Jianli</i>	(14)
Study of Influence of Barrel Structure on Natural Frequency	<i>LIU Hengsha, XU Cheng</i>	(18)
Modeling and Simulation of Mechanical Electro-hydraulic System of Vertical Stabilizer for a Moving Tank	<i>MA Yuze, YANG Guolai</i>	(23)
Numerical Simulation of Attitude Motion of Submunition During Dispensing in Supersonic Flow Field	<i>CHEN Shitong, YU Yong</i>	(29)
Aerodynamic Interference Characteristics Between Rudder and Fin for Simple Control Rocket With Fixed Canard Rudder	<i>DANG Jiantao, FENG Feng, ZOU Yanbing</i>	(36)
Influence of Guided Bomb Hardware-in-loop Simulation Error on Results	<i>ZHANG Peizhong, GAO Kun, NING Jingui</i>	(43)
Range-to-go Weighted Optimal Sliding-mode Terminal-guidance-law With Multi-constraint	<i>LI Hongyu, WANG Xugang, HUA Siyu</i>	(50)
Analysis on Disturbance of Systematic Error of Fire Range on Test Statistics	<i>LIANG Bingzhong</i>	(56)
Numerical Simulation on Interaction Between Oblique Shock Wave and Reactive Gaseous Interface	<i>HU Mingyuan, DONG Gang, CHEN Yaohui, et al</i>	(60)
Study on Fluid Characteristics During Supercavity Projectile Impacting Water Surface at Different Attack Angles	<i>SHI Honghui, ZHOU Suyun, WANG Yun, et al</i>	(68)
Response Characteristics of PBX Explosives Under the Shock Waves of Low Pressure and Long-pluse	<i>SUN Wenxu, WANG Wanjuan, LUO Zhiheng, et al</i>	(75)
Effect of Stearic Acid Mass Fraction on Combustion to Detonation Transition in Blunt Black-5 Explosive	<i>WU Haishan, WANG Chi</i>	(80)
Measurement of Friction Coefficient Between Gun Propellant Particles and Its Influence on Loading Density	<i>ZHENG Xiangyang, ZHANG Lingke, FU Shaobo</i>	(85)
Numerical Simulation of Effects of Initiation Mode on the Performance of Circumferential MEFP Warhead	<i>SONG Ping, LI Wenbin, WANG Xiaoming, et al</i>	(92)