

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

2020年12月
第32卷 第4期
Vol. 32 No. 4

JOURNAL OF BALLISTICS

4

2020

中国兵工学会

目 次

- 反空空导弹弹道及拦截区解算研究 胡朝晖, 吕 跃 (1)
- 带微型扰流片旋转稳定弹外弹道建模与仿真 杨 杰, 刘 丹, 常思江 (7)
- 基于摄动落点预测与修正比例导引的复合修正算法设计 柯知非, 高 敏, 王 肖, 等 (14)
- 基于准平衡滑翔的再入轨迹解析规划方法 杨 明, 刘 明, 葛亚杰, 等 (20)
- 小长细比制导火箭提高操纵性气动布局研究 周 航, 陈少松, 徐一航, 等 (27)
- 弹道解算用数值天气预报风修正系数辨识 曹树新, 李 岩, 李帅孝, 等 (34)
- 狙击步枪瞄准系统自动校正方法研究 鄢砚军, 余 雷, 彭志召, 等 (39)
- 弹药对典型钢筋混凝土楼房毁伤评估方法研究 周 阳, 李向东, 周兰伟, 等 (46)
- 内弹道对自动步枪枪管瞬态温场影响计算分析 陈仕达, 何 龙, 姜 荟, 等 (54)
- 某小口径枪械内弹道时期枪管的动态响应研究 方义川, 王永娟, 孙国旭 (63)
- 四级渐扩型 BLPG 内弹道特性实验研究及数值模拟 杨旭光, 余永刚 (71)
- 复合材料身管的动态冲击响应分析 刘 畅, 杨国来, 范雪坤, 等 (76)
- 复合材料座钣动态响应分析及结构优化 葛建立, 谢新宇, 刘国志, 等 (83)
- 基于知识重用的火炮快速设计原型系统开发 羊 柳, 徐亚栋, 顾晓艳, 等 (91)

CONTENTS

Calculation on Anti-air-to-air Missile Trajectory and Interception Area	HU Zhaohui, LYN Yue	(1)
Modeling and Simulation of External Trajectory of Spin-Stabilized Projectile With Micro Spoiler	YANG Jie, LIU Dan, CHANG Sijiang	(7)
Design of Composite Trajectory Correction Algorithm Based on Perturbation Impact-point Prediction and Modified Proportional Navigation	KE Zhifei, GAO Min, WANG Yi, et al	(14)
Analytical Method of Planning Reentry Trajectory via Quasi-equilibrium Gliding Condition	YANG Ming, LIU Ming, GE Yajie, et al	(20)
Study on Improving Maneuverable Aerodynamic Layout of Guided Rockets With Small Length to Diameter Ratio	ZHOU Hang, CHEN Shaosong, XU Yihang, et al	(27)
Identification of Wind Modified Coefficient in Numerical Weather Prediction for Trajectory Calculation	CAO Shuxin, LI Yan, LI Shuaixiao, et al	(34)
Research on Automatic Correction Method of Sniper Rifle Aiming System	YAN Yanjun, YU Lei, PENG Zhizhao, et al	(39)
Research on Assessment Method of Ammunition Damaging Typical Reinforced Concrete Building	ZHOU Yang, LI Xiangdong, ZHOU Lanwei, et al	(46)
Calculation and Analysis on Effects of Internal Trajectory on Transient Temperature Field of Automatic Rifle's Barrel	CHEN Shida, HE Long, JIANG Quan, et al	(54)
Study on Dynamic Response of a Small Caliber Gun Barrel in Interior Ballistic Period	FANG Yichuan, WANG Yongjian, SUN Guoxu	(63)
Experimental Study and Numerical Simulation on Interior Ballistic Characteristics of BLPG With Four-stage Gradual Expansion	YANG Xuguang, YU Yonggang	(71)
Study on Dynamic Impact Response of Composite Overwrapped Gun Tube	LIU Chang, YANG Guolai, FAN Xuekun, et al	(76)
Dynamic Response Analysis and Structural Optimization of Composite Base Plate	GE Jianli, XIE Xinyu, LIU Guozhi, et al	(83)
Rapid Design Prototype System Development for Artillery Based on Knowledge Reuse	YANG Liu, XU Yadong, GU Xiaoyan, et al	(91)