

<<固体弹道导弹设计>>

图书基本信息

书名：<<固体弹道导弹设计>>

13位ISBN编号：9787810772358

10位ISBN编号：781077235X

出版时间：2004-5-1

出版时间：北航大学

作者：何麟书

页数：123

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<固体弹道导弹设计>>

内容概要

The main contents of this book include the essential principles involved in the conceptual design of solid ballistic missiles. Before the presentation of the optimization of overall design parameters , the concepts of concurrent engineering , the mass model and the trajectory model and the trajectory optimization concerned with multistage solid ballistic missiles are described. Finally , the reentry body design which has close relationship with the usage of ballistic missiles is presented. This book is intended for use by senioryear undergraduate and postgraduate students as well as practicing engineers who are interest in this field.

<<固体弹道导弹设计>>

书籍目录

chapter one introduction
1.1 system (s) engineering (se)
1.2 concurrent engineering (ce)
1.3 concept of (solid) ballistic missile
1.4 design requirements of ballistic missile
problems of chapter one
chapter two mass model of solid ballistic missile
2.1 mass equation of solid ballistic missile
2.2 calculation of the structural coefficient
醮ti of a srm
problems of chapter two
chapter three trajectory model of solid ballistic missile
3.1 coordinate systems (frames)
3.2 equations of motion in powered flight phase of bm trajectory
3.3 equations of motion in free flight phase of a bm
problems of chapter three
chapter four optimization of trajectory
4.1 requirements for flight program 鱈ro (t)
4.2 design of flight program
4.3 trajectory optimization
problems of chapter four
chapter five optimization of overall parameters
5.1 selection of overall optimization design parameters
5.2 selection of design parameters
5.3 mathematic model of the scheme design optimization
5.4 epfm method
problems of chapter five
chapter six example of overall parameters optimization of sbm
6.1 basic parameters
6.2 results of the optimization
chapter seven re?entry body design
7.1 introduction
7.2 general equation of motion
7.3 approximate re?entry trajectory
7.4 maximum axial overload coefficient
7.5 effective factors on re?entry trajectory
7.6 re entry heating problem
problems of chapter seven
123
references

<<固体弹道导弹设计>>

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>