

<<莫尔斯理论入门>>

图书基本信息

书名：<<莫尔斯理论入门>>

13位ISBN编号：9787510027291

10位ISBN编号：7510027292

出版时间：2010-9

出版人：世界图书出版公司

作者：尼古莱斯库

页数：241

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>

<<莫尔斯理论入门>>

内容概要

as the the title suggests, the goal of this book is to give the reader a taste of the "unreasonable effectiveness" of morse theory. the main idea behind thistechnique can be easily visualized. suppose m is a smooth, compact manifold, which for simplicity we assume is embedded in a euclidean space e . we would like to understand basictopological invariants of m such as its homology, and we attempt a "slicing" technique.

<<莫尔斯理论入门>>

书籍目录

preface notations and conventions 1 morse functions 1.1 the local structure of morse functions 1.2 existence of morse functions 2 the topology of morse functions 2.1 surgery, handle attachment, and cobordisms. 2.2 the topology of sublevel sets 2.3 morse inequalities 2.4 morse-smale dynamics 2.5 morse-floer homology 2.6 morse-bott functions 2.7 min-max theory 3 applications 3.1 the cohomology of complex grassmannians 3.2 lefschetz hyperplane theorem 3.3 symplectic manifolds and hamiltonian flows 3.4 morse theory of moment maps 3.5 s^1 -equivariant localization 4 basics of complex morse theory

<<莫尔斯理论入门>>

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>