

<<Banach-Hilbert Space>>

图书基本信息

书名：<<Banach-Hilbert Spaces, Vector Measures and Group Representations (精装)>>

13位ISBN编号：9789812380388

10位ISBN编号：9812380388

出版时间：2002-12

出版时间：World Scientific Publishing Company (2002年9月1日)

作者：Tsoy-Wo Ma

页数：606

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>

## <<Banach-Hilbert Space>>

### 内容概要

This book provides an elementary introduction to classical analysis on normed spaces, with special attention paid to fixed points, calculus, and ordinary differential equations. It contains a full treatment of vector measures on  $\delta$ -rings without assuming any scalar measure theory and hence should fit well into existing courses. The relation between group representations and almost periodic functions is presented. The mean values offer an infinite-dimensional analogue of measure theory on finite-dimensional Euclidean spaces. This book is ideal for beginners who want to get through the basic material as soon as possible and then do their own research immediately.

<<Banach-Hilbert Space>>

书籍目录

Preface Introduction Chapter 1 Metric Spaces Chapter 2 Complete, Compact and Connected Sets Chapter 3 Banach Spaces Chapter 4 Simplicial Complexes Chapter 5 Topological Fixed Points Chapter 6 Foundation of Functional Analysis Chapter 7 Natural Constructions Chapter 8 Complex Analysis Chapter 9 Differentiation in Banach Spaces Chapter 10 Polynomials and Higher Derivatives Chapter 11 Ordinary Differential Equations Chapter 12 Compact Linear Operators Chapter 13 Operators on Hilbert Spaces Chapter 14 Spectral Properties of Hilbert Spaces Chapter 15 Tensor Products Chapter 16 Complex Vector Lattices Chapter 17 Vector Measures on Semirings Chapter 18 Extensions of Positive Measures Chapter 19 Measurable Objects Chapter 20 Integrals of Upper Functions Chapter 21 Vector Integrals Chapter 22 Finite Products of Measures Chapter 23 Measures on Finite Dimensional Spaces Chapter 24 Indefinite Integrals Chapter 25 Differentiation of Measures Chapter 26 Spectral Measures Chapter 27 Locally Compact Spaces Chapter 28 Almost Periodic Functions on Groups Chapter 29 Group Representations Chapter 30 Saturated Closed Invariant Ideals Chapter 31 Mean Spaces References Index

<<Banach-Hilbert Space>>

媒体关注与评论

...a very good introduction to topics in analysis.. -- Mathematical Reviews, 2003...this book is an original and interesting textbook in advanced analysis. -- Mathematics Abstracts

<<Banach-Hilbert Space>>

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>