

# 《测度论（第一卷影印版）》

## 图书基本信息

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# 《测度论（第一卷影印版）》

## 前言

为了更好地借鉴国外数学教育与研究的成功经验，促进我国数学教育与研究事业的发展，提高高等学校数学教育教学质量，本着“为我国热爱数学的青年创造一个较好的学习数学的环境”这一宗旨，天元基金赞助出版“天元基金影印数学丛书”。该丛书主要包含国外反映近代数学发展的纯数学与应用数学方面的优秀书籍，天元基金邀请国内各个方向的知名数学家参与选题的工作，经专家遴选、推荐，由高等教育出版社影印出版。为了提高我国数学研究生教学的水平，暂把选书的目标确定在研究生教材上。当然，有的书也可作为高年级本科生教材或参考书，有的书则介于研究生教材与专著之间。欢迎各方专家、读者对本丛书的选题、印刷、销售等工作提出批评和建议。

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## 内容概要

本书是作者在莫斯科国立大学数学力学系的讲稿基础上编写而成的：第一卷包括了通常测度论教材中的内容：测度的构造与延拓，Lebesgue积分的定义及基本性质，Jordan分解，Radon-Nikodym定理，Fourier变换，卷积， $L_p$ 空间，测度空间，Newton-Leibniz公式，极大函数，Henstock-Kurzweil；积分等。每章最后都附有非常丰富的补充与习题，其中包含许多有用的知识，例如：Whitney分解，Lebesgue-Stieltjes积分，Hausdorff测度，Brunn-Minkowski不等式，Hellinger积分与Hellinger距离，BMO类，Calderon-Zygmund分解等。书的最后有详尽的参考文献及历史注记。这是一本很好的研究生教材和教学参考书。

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## 作者简介

作者：（俄罗斯）博根切维（V.I.Bogachev）

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## 编辑推荐

《测度论(第1卷)(影印版)》：天元基金影印数学丛书。



# 《测度论（第一卷影印版）》

## 精彩短评

- 1、这套书我拿来当字典，当课本的话不行，东西多，初学者没必要。
- 2、这么厚的测度实在少见
- 3、测度论(第1卷)(影印版)不错的一本书
- 4、测度论很好的参考书，感觉比传说中的halmos那本还要强一些
- 5、这学期学了测度论，课本选用的是严加安的测度论讲义，和这本没法比。这本书条理清晰，内容详实，尤其是每章的supplements and exercises，补充了很多一般书上没有的，习题也非常多，质量也很高。英文版的，坚持看下来，会收获颇丰。
- 6、对数学研究很有帮助。可作为工具书。
- 7、excellent！！
- 8、这种奇葩的书还是留到研究生以后在慢慢折磨自己
- 9、两册共计100页3000条reference，融会了你就贯通（死）了。
- 10、测度论中写得全的书了,一些习题有提示

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