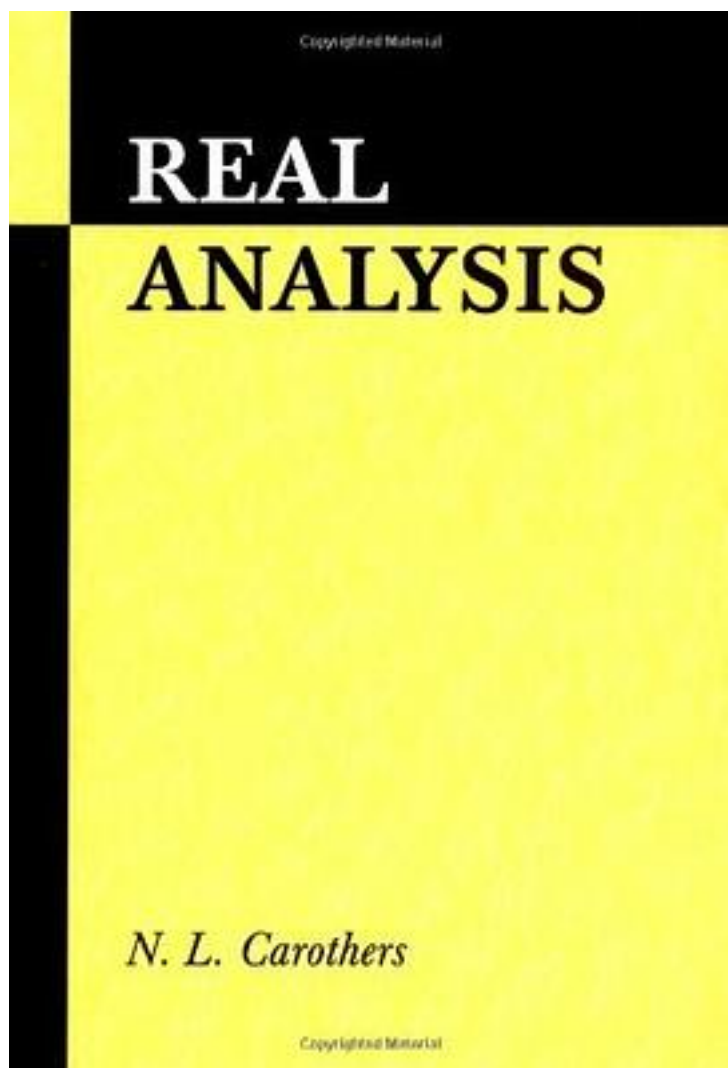


Real Analysis



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An in-depth look at real analysis and its applications-now expanded and revised.

This new edition of the widely used analysis book continues to cover real analysis in greater detail and at a more advanced level than most books on the subject. Encompassing several subjects that underlie much of modern analysis, the book focuses on measure and integration theory, point set topology, and the basics of functional analysis. It illustrates the use of the general theories and introduces readers to other branches of analysis such as Fourier analysis, distribution theory, and probability theory.

This edition is bolstered in content as well as in scope-extending its usefulness to students outside of pure analysis as well as those interested in dynamical systems. The numerous exercises, extensive bibliography, and review chapter on sets and metric spaces make *Real Analysis: Modern Techniques and Their Applications, Second Edition* invaluable for students in graduate-level analysis courses. New features include:

- * Revised material on the n -dimensional Lebesgue integral.
- * An improved proof of Tychonoff's theorem.
- * Expanded material on Fourier analysis.
- * A newly written chapter devoted to distributions and differential equations.
- * Updated material on Hausdorff dimension and fractal dimension.

作者介绍:

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标签

数学

实分析

Analysis

Mathematics

分析

分析学

Math

Folland

评论

Here is the errata: <http://www.math.washington.edu/~folland/Homepage/real.pdf>

勇敢的改成了在读。

其实想给四星半的，写的是还行，不过不够直观和简洁。13年冬又看了一遍前三章，终于搞明白了所谓measure就是研究怎么定义一个sigma algebra

terse, but great, clear structure to measure. absolutely phenomenal

分不清是不喜欢这个教授还是不喜欢这门课

神作。。就是尼玛哎，嫌弃自己智商不够 (ノ`□')ノ ㄟ——

9.8分...

经典中的经典啊!!!

Bravo.

跟没学过一样

全面好书

reference, exercises

Folland写书真的厉害，一般的实分析绝对不会像Folland这样一直干到椭圆算子的，风格大概像是Lax，我比较喜欢。题没刷多少，估计会陆续把感兴趣的题刷掉。

哇这学期当grader 系里甩了我一本新书

本科时当工具书用的，比Stein好

almost done&totally lost...the proofs are often so terse but it compasses more materials than most of its kind. i think its good to be a reference book, just like mwg. however, it is definitely not the best learning resource.

真实体会了“书读百遍其义自见”（并没有）

Measure Theory + Point Set Topology + Functional Analysis 只需要有数分基础就能读

nb

只读了一点

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书评

准大四狗。

应该说Folland的实分析是大三一年最认真读过的一本书了。这本书一共11章，读过的大概是1-3 6-9 11。

大三上学期的时候我选修了一门本硕贯通课程“高等实分析”，我们的教材用的是Stein的实分析Ch6和泛函分析Ch1-3, 8. 老师第一节课就给我们推荐了Folland这本参考书...

想当初借了这本140刀的书，真是小心翼翼咯 后来还是去复印了。。。。
导致我实变是我感觉我大学生涯中学得最好的课。。。。

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