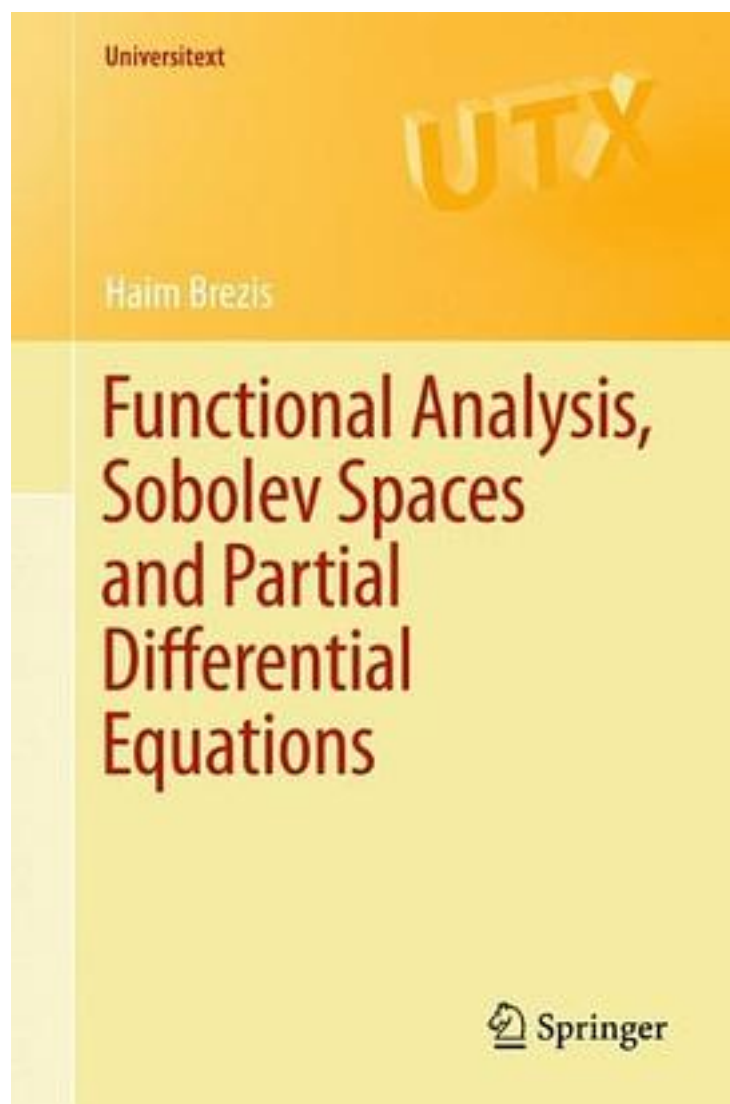


Functional Analysis, Sobolev Spaces and Partial Differential Equations



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著者:Haim Brezis

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This textbook is a completely revised, updated, and expanded English edition of the important *Analyse fonctionnelle* (1983). In addition, it contains a wealth of problems and exercises (with solutions) to guide the reader. Uniquely, this book presents in a coherent, concise and unified way the main results from functional analysis together with the main results from the theory of partial differential equations (PDEs). Although there are many books on functional analysis and many on PDEs, this is the first to cover both of these closely connected topics. Since the French book was first published, it has been translated into Spanish, Italian, Japanese, Korean, Romanian, Greek and Chinese. The English edition makes a welcome addition to this list.

作者介绍:

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标签

数学

泛函分析

Analysis

泛函

PDE

Functional

微分方程

索伯列夫空间

评论

个人读过的泛函入门最好的英文教材

上学期只学了FA和Sobolev Space两个部分还是马一下。看着挺厚的一大本，其实后半部是习题答案。其实一直不懂springer的UTX和GTM是怎么分的，个人感觉像这本是UTX但明显比有些GTM难。。。

有中文版的，但是好像比这个要精简

只读了前半部分的泛函，感觉一般，据说特点是把泛函和PDE无缝连接，后面没读不评论。

衔接PDE

入门好书，语言简练不啰嗦，同时照顾到细节，而且很新

刷完泛函部分。。。

弃坑了。标记下 @2019-11-08 22:04:26 @2020-02-07 01:30:08

课后习题答案占半本书，这可太了

据说很经典 而且有题及提示

It's a great textbook for people who have never learned functional analysis before. It contains a lot of exercises and solutions. Sometimes there seems to be too many hints. Real analysis, e.g. Folland's real analysis book, is a prerequisite.

挺好的

当年我学泛函的教材，写的还可以

弃坑了。标记下 @2019-11-08 22:04:26 @2020-02-07 01:30:08 @2019-11-08 22:04:26

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书评

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