


[DOWNLOAD](#)


Introduction to Banach Spaces and Algebras

By H. Garth Dales

Oxford University Press. Hardcover. Book Condition: New. Hardcover. 384 pages. Dimensions: 9.3in. x 6.2in. x 1.0in. Banach spaces and algebras are a key topic of pure mathematics. Graham Allan's careful and detailed introductory account will prove essential reading for anyone wishing to specialise in functional analysis and is aimed at final year undergraduates or masters level students. Based on the author's lectures to fourth year students at Cambridge University, the book assumes knowledge typical of first degrees in mathematics, including metric spaces, analytic topology, and complex analysis. However, readers are not expected to be familiar with the Lebesgue theory of measure and integration. The text begins by giving the basic theory of Banach spaces, including dual spaces and bounded linear operators. It establishes forms of the theorems that are the pillars of functional analysis, including the Banach-Alaoglu, Hahn-Banach, uniform boundedness, open mapping, and closed graph theorems. There are applications to Fourier series and operators on Hilbert spaces. The main body of the text is an introduction to the theory of Banach algebras. A particular feature is the detailed account of the holomorphic functional calculus in one and several variables; all necessary background theory in one and several complex variables is fully...



[READ ONLINE](#)
[4.08 MB]

Reviews

An incredibly amazing ebook with perfect and lucid answers. It is written in basic terms and never difficult to understand. It has been written in an exceptionally basic way and it is only right after I finished reading this ebook in which in fact modified me, affect the way I really believe.

-- Beverly Hoppe

Extremely helpful for all class of individuals. Better than never, though I am quite late in start reading this one. I realized this publication from my I and dad suggested this ebook to discover.

-- Adela Schroeder II