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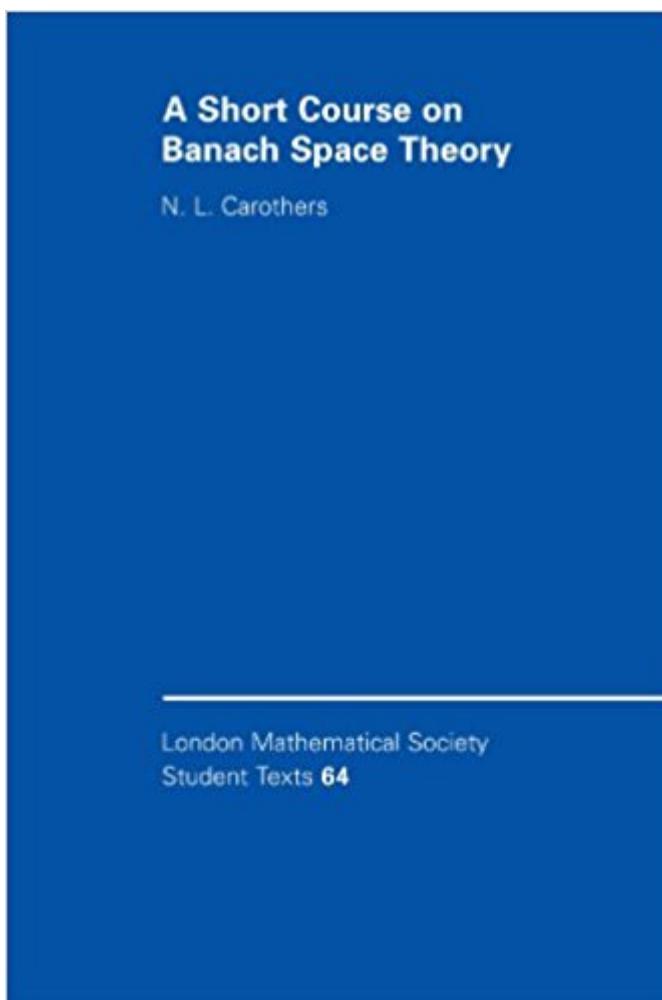
A Short Course On Banach Space Theory (London Mathematical Society Student Texts)

A Short Course on
Banach Space Theory

N. L. Carothers

London Mathematical Society
Student Texts **64**

Synopsis

This short course on classical Banach space theory is a natural follow-up to a first course on functional analysis. The topics covered have proven useful in many contemporary research arenas, such as harmonic analysis, the theory of frames and wavelets, signal processing, economics, and physics. The book is intended for use in an advanced topics course or seminar, or for independent study. It offers a more user-friendly introduction than can be found in the existing literature and includes references to expository articles and suggestions for further reading.

Book Information

Series: London Mathematical Society Student Texts (Book 64)

Paperback: 198 pages

Publisher: Cambridge University Press; 1 edition (December 6, 2004)

Language: English

ISBN-10: 0521603722

ISBN-13: 978-0521603720

Product Dimensions: 6 x 0.5 x 9 inches

Shipping Weight: 6.4 ounces (View shipping rates and policies)

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functional analysis. The topics covered have proven useful in many contemporary research arenas such as harmonic analysis, the theory of frames and wavelets, signal processing, economics, and physics. The book is intended for use as in an advanced topics course or seminar, or for independent study. It offers a gentler introduction than can be found in the existing literature, even including elementary exercises. In addition, the text includes references to expository articles and suggestions for further reading.

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