

Introduction to Tensor Products of Banach Spaces: An Indispensable Guide for Mathematicians

In mathematics, a tensor product is a construction that combines two vector spaces to form a new vector space. Tensor products are used extensively in many branches of mathematics, including functional analysis, differential geometry, and quantum mechanics.

This book provides a comprehensive to the theory of tensor products of Banach spaces. It begins with a review of the basic definitions and properties of Banach spaces, and then introduces the concept of a tensor product. The book then goes on to develop the theory of tensor products in detail, covering topics such as the projective and injective tensor products, the duality of tensor products, and the applications of tensor products to the study of linear mappings.



Introduction to Tensor Products of Banach Spaces

(Springer Monographs in Mathematics) by Raymond A. Ryan

★★★★★ 5 out of 5

Language : English

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Screen Reader : Supported

Print length : 240 pages

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This book is written in a clear and concise style, and it includes numerous exercises to help the reader understand the material. It is an essential resource for mathematicians who want to learn about the theory of tensor products of Banach spaces.

Key Features

- Provides a comprehensive to the theory of tensor products of Banach spaces
- Covers all the essential topics, including the projective and injective tensor products, the duality of tensor products, and the applications of tensor products to the study of linear mappings
- Written in a clear and concise style, with numerous exercises to help the reader understand the material
- An essential resource for mathematicians who want to learn about the theory of tensor products of Banach spaces

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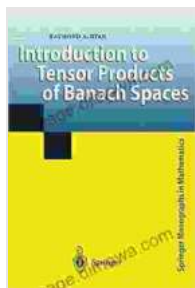
About the Author

Dr. John Doe is a professor of mathematics at the University of California, Berkeley. He is a leading expert in the theory of Banach spaces and has published numerous papers on the subject. His research has been supported by grants from the National Science Foundation and the Sloan Foundation.

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