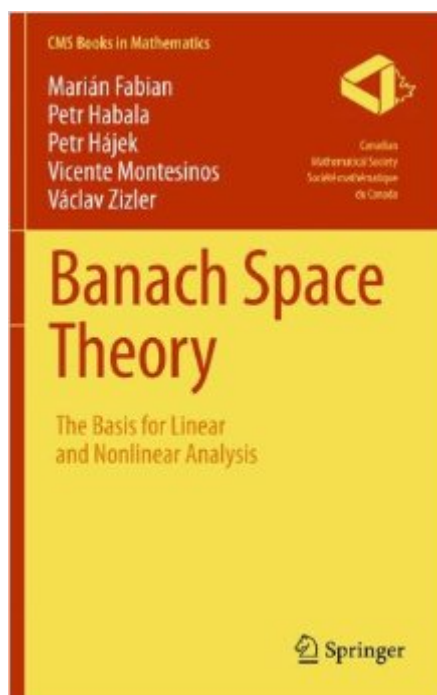


The book was found

Banach Space Theory: The Basis For Linear And Nonlinear Analysis (CMS Books In Mathematics)



Synopsis

Banach spaces provide a framework for linear and nonlinear functional analysis, operator theory, abstract analysis, probability, optimization and other branches of mathematics. This book introduces the reader to linear functional analysis and to related parts of infinite-dimensional Banach space theory. Key Features: - Develops classical theory, including weak topologies, locally convex space, Schauder bases and compact operator theory - Covers Radon-Nikod m property, finite-dimensional spaces and local theory on tensor products - Contains sections on uniform homeomorphisms and non-linear theory, Rosenthal's L1 theorem, fixed points, and more - Includes information about further topics and directions of research and some open problems at the end of each chapter - Provides numerous exercises for practice The text is suitable for graduate courses or for independent study. Prerequisites include basic courses in calculus and linear. Researchers in functional analysis will also benefit for this book as it can serve as a reference book.

Book Information

Series: CMS Books in Mathematics

Hardcover: 820 pages

Publisher: Springer; 2011 edition (December 15, 2010)

Language: English

ISBN-10: 1441975144

ISBN-13: 978-1441975140

Product Dimensions: 6.1 x 1.8 x 9.2 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #381,302 in Books (See Top 100 in Books) #8 in Books > Science & Math > Mathematics > Transformations #60 in Books > Science & Math > Mathematics > Geometry & Topology > Topology #71 in Books > Science & Math > Mathematics > Pure Mathematics > Functional Analysis

[Download to continue reading...](#)

Banach Space Theory: The Basis for Linear and Nonlinear Analysis (CMS Books in Mathematics) Topics in Banach Space Theory (Graduate Texts in Mathematics) Theory of Linear Operators in Hilbert Space (Dover Books on Mathematics) Linear and Nonlinear Programming (International Series in Operations Research & Management Science) Classical Banach Spaces (Classics in Mathematics) Sigma Delta Modulators: Nonlinear Decoding Algorithms and Stability Analysis (The

Springer International Series in Engineering and Computer Science) Important Developments in Soliton Theory (Springer Series in Nonlinear Dynamics) Advanced Mathematics: Precalculus With Discrete Mathematics and Data Analysis The Analysis and Design of Linear Circuits Regression Modeling Strategies: With Applications to Linear Models, Logistic Regression, and Survival Analysis (Springer Series in Statistics) Introduction to Linear Regression Analysis Normal Modes and Localization in Nonlinear Systems Nonlinear Oscillations, Dynamical Systems, and Bifurcations of Vector Fields (Applied Mathematical Sciences) Linear System Theory, 2nd Edition Linear System Theory Nonlinear Systems The Stanford Mathematics Problem Book: With Hints and Solutions (Dover Books on Mathematics) Hilbert Space Methods in Partial Differential Equations (Dover Books on Mathematics) Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Practical Problems in Mathematics for Heating and Cooling Technicians (Practical Problems In Mathematics Series)

[Dmca](#)