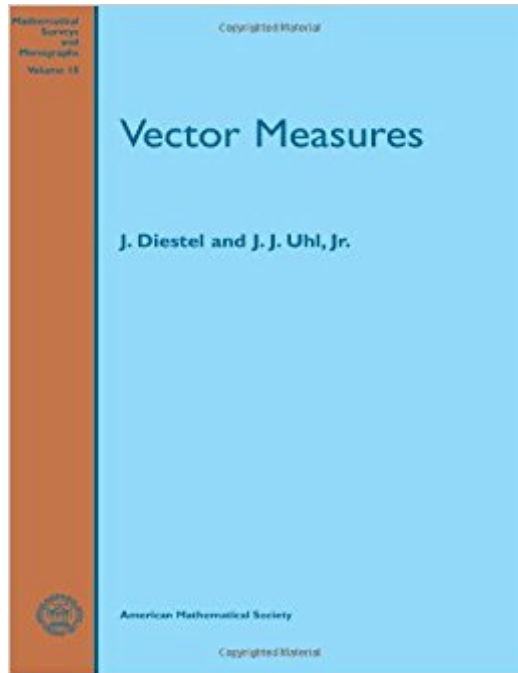




The book was found

# Vector Measures (Mathematical Surveys, Number 15)



## Synopsis

In this survey the authors endeavor to give a comprehensive examination of the theory of measures having values in Banach spaces. The interplay between topological and geometric properties of Banach spaces and the properties of measures having values in Banach spaces is the unifying theme. The first chapter deals with countably additive vector measures finitely additive vector measures, the Orlicz-Pettis theorem and its relatives. Chapter II concentrates on measurable vector valued functions and the Bochner integral. Chapter III begins the study of the interplay among the Radon-Nikodym theorem for vector measures, operators on  $L_1$  and topological properties of Banach spaces. A variety of applications is given in the next chapter. Chapter V deals with martingales of Bochner integrable functions and their relation to dentable subsets of Banach spaces. Chapter VI is devoted to a measure-theoretic study of weakly compact absolutely summing and nuclear operators on spaces of continuous functions. In Chapter VII a detailed study of the geometry of Banach spaces with the Radon-Nikodym property is given. The next chapter deals with the use of Radon-Nikodym theorems in the study of tensor products of Banach spaces. The last chapter concludes the survey with a discussion of the Liapounoff convexity theorem and other geometric properties of the range of a vector measure. Accompanying each chapter is an extensive survey of the literature and open problems.

## Book Information

Paperback: 322 pages

Publisher: Amer Mathematical Society (June 1977)

Language: English

ISBN-10: 0821815156

ISBN-13: 978-0821815151

Product Dimensions: 0.8 x 7 x 10.2 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #3,181,377 in Books (See Top 100 in Books) #97 in [Books > Science & Math > Mathematics > Transformations](#) #24957 in [Books > Textbooks > Science & Mathematics > Mathematics](#)

## Customer Reviews

Vector Measures is the best book on this subject! The general treatment is very nice...this book is perfect if you know the book "Linear Operators, vol I" of Dunford and Schwartz.

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

Vector Measures (Mathematical Surveys, Number 15) Fundamental Algebraic Geometry (Mathematical Surveys and Monographs) (Mathematical Surveys and Monographs Series (Sep. Title P) Commercial Ship Surveying: On/Off Hire Condition Surveys and Bunker Surveys Number Tracing Book For Preschoolers: Number Tracing Book, Practice For Kids, Ages 3-5, Number Writing Practice The Convenient Setting of Global Analysis (Mathematical Surveys and Monographs) Monotone Operators in Banach Space and Nonlinear Partial Differential Equations (Mathematical Surveys and Monographs) The Sixteenth Round: From Number 1 Contender to Number 45472 What is my number?: a game of number clues for 3rd and 4th graders Contemporary's Number Power 4: Geometry: a real world approach to math (The Number Power Series) Aprender Inglês: N.º 3: Textos Paralelos, Fácil de ouvir, Fácil de ler : [Learn English: Number 3, Parallel Texts, Easy to Hear, Easy to Read]: Curso de Inglês de Inglês, N.º 3 [English Audio Course, Number 3] Aprender Alemão, N.º 2: Textos Paralelos, Fácil de ouvir, Fácil de ler [Learn German, Number 2: Parallel Texts, Easy to Hear, Easy to Read]: Curso de Inglês de Alemão, N.º 2 [German Audio Course, Number 2] Number Words and Number Symbols: A Cultural History of Numbers Number Talks: Whole Number Computation, Grades K-5: A Multimedia Professional Learning Resource 300+ Mathematical Pattern Puzzles: Number Pattern Recognition & Reasoning (Improve Your Math Fluency) Number Theory III: Diophantine Geometry (Encyclopaedia of Mathematical Sciences) (v. 3) Old and New Unsolved Problems in Plane Geometry and Number Theory (Dolciani Mathematical Expositions) Introduction to Mathematical Thinking: Algebra and Number Systems The Foundations of Arithmetic: A Logico-Mathematical Enquiry into the Concept of Number Galois Theory: Lectures Delivered at the University of Notre Dame by Emil Artin (Notre Dame Mathematical Lectures, Number 2) Number Theory Through Inquiry (Maa Textbooks) (Mathematical Association of America Textbooks)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)