The book was found

Quantum Probability (Probability And Mathematical Statistics)

PROBABILITY AND MATHEMATICAL STATISTICS

QUANTUM PROBABILITY

STANLEY P. GUDDER

PDF Adobe | DOWNLOAD EBOOK
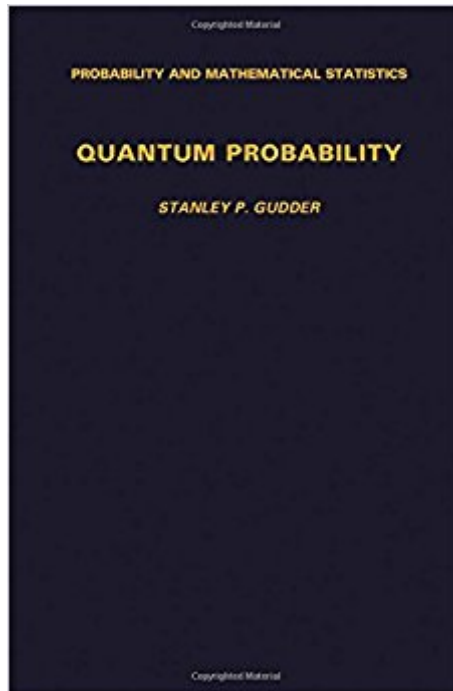
Synopsis

Quantum probability is a subtle blend of quantum mechanics and classical probability theory. Its important ideas can be traced to the pioneering work of Richard Feynman in his path integral formalism.Only recently have the concept and ideas of quantum probability been presented in a rigorous axiomatic framework, and this book provides a coherent and comprehensive exposition of this approach. It gives a unified treatment of operational statistics, generalized measure theory and the path integral formalism that can only be found in scattered research articles.The first two chapters survey the necessary background in quantum mechanics and probability theory and therefore the book is fairly self-contained, assuming only an elementary knowledge of linear operators in Hilbert space.

Book Information

Series: Probability and Mathematical Statistics

Hardcover: 316 pages

Publisher: Academic Press; 1 edition (September 11, 1988)

Language: English

ISBN-10: 0123053404

ISBN-13: 978-0123053404

Product Dimensions: 6 x 0.8 x 9 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #670,347 in Books (See Top 100 in Books)   #66 inÃ Â Books > Science & Math > Mathematics > Applied > Stochastic Modeling   #465 inÃ Â Books > Science & Math > Physics > Mechanics   #604 inÃ Â Books > Science & Math > Physics > Quantum Theory

Customer Reviews

Well-written generalization of classical probability theory needed for several approaches to quantum mechanics, in particular those of operational statistics and of the path-integral formalism.--AMERICAN MATHEMATICAL MONTHLYI strongly recommend this book, especially to young researchers in mathematics, theoretical physics, and the philosophy of science who might wish to work in this exciting and rapidly developing field.--AMERICAN SCIENTISTThe present book enriches the collection of books and papers on the mathematical background of quantum mechanics.--MATHEMATICAL REVIEWS

Download to continue reading...

Quantum Probability (Probability and Mathematical Statistics) Statistics for People Who (Think They) Hate Statistics (Salkind, Statistics for People Who(Think They Hate Statistics(Without CD)) Advanced Molecular Quantum Mechanics: An Introduction to Relativistic Quantum Mechanics and the Quantum Theory of Radiation (Studies in Chemical Physics) Fourier Series and Integrals (Probability and Mathematical Statistics) Matrix Algebra Useful for Statistics (Wiley Series in Probability and Statistics) Covariant Loop Quantum Gravity: An Elementary Introduction to Quantum Gravity and Spinfoam Theory (Cambridge Monographs on Mathematical Physics) Probability: 2 Manuscripts Ã¢â¬â œ Probability with Permutations and Markov Models Introduction to Probability and Statistics: Principles and Applications for Engineering and the Computing Sciences Probability and Statistics for Engineering and the Sciences Probability and Statistics for Engineers and Scientists Probability and Statistics with Reliability, Queueing, and Computer Science Applications, 2nd Edition Probability and Statistics for Engineers and Scientists (9th Edition) Student Solutions Manual for Stewart/Day's Calculus for Life Sciences and Biocalculus: Calculus, Probability, and Statistics for the Life Sciences Introduction to Probability and Statistics for Engineers and Scientists, Fifth Edition Introduction to Probability and Statistics for Engineers and Scientists Statistics and Probability with Applications for Engineers and Scientists Quantum Nanoelectronics: An introduction to electronic nanotechnology and quantum computing Quantum Runes: How to Create Your Perfect Reality Using Quantum Physics and Teutonic Rune Magic (Creating Magick with The Universal Laws of Attraction Book 1) Loss Models: From Data to Decisions (Wiley Series in Probability and Statistics) Systems Engineering with Economics, Probability and Statistics