The book was found

Quantum Mechanics And Quantum Field Theory: A Mathematical Primer





Synopsis

Explaining the concepts of quantum mechanics and quantum field theory in a precise mathematical language, this textbook is an ideal introduction for graduate students in mathematics, helping to prepare them for further studies in quantum physics. The textbook covers topics that are central to quantum physics: non-relativistic quantum mechanics, quantum statistical mechanics, relativistic quantum mechanics and quantum field theory. There is also background material on analysis, classical mechanics, relativity and probability. Each topic is explored through a statement of basic principles followed by simple examples. Around 100 problems throughout the textbook help readers develop their understanding.

Book Information

Hardcover: 238 pages Publisher: Cambridge University Press; 1 edition (March 14, 2011) Language: English ISBN-10: 1107005094 ISBN-13: 978-1107005099 Product Dimensions: 7.4 x 0.5 x 9.7 inches Shipping Weight: 1.5 pounds (View shipping rates and policies) Average Customer Review: 5.0 out of 5 stars Â See all reviews (1 customer review) Best Sellers Rank: #1,073,896 in Books (See Top 100 in Books) #759 in Books > Science & Math > Physics > Mathematical Physics #989 in Books > Science & Math > Physics > Quantum Theory #2941 in Books > Textbooks > Science & Mathematics > Physics

Customer Reviews

Lots of math that introduces the quantum theory. Just as I expected. Though as much as I like it I would not go there unless you also have a pretty good knowledge of math.

Download to continue reading...

Quantum Mechanics and Quantum Field Theory: A Mathematical Primer Elementary Molecular Quantum Mechanics: Mathematical Methods and Applications Group Theory and Quantum Mechanics (Dover Books on Chemistry) Quantum Field Theory and the Standard Model Modern Perspectives in Lattice QCD: Quantum Field Theory and High Performance Computing: Lecture Notes of the Les Houches Summer School: Volume 93, August 2009 Electrodynamics: The Field-Free Approach: Electrostatics, Magnetism, Induction, Relativity and Field Theory (Undergraduate Lecture Notes in Physics) Student Friendly Quantum Field Theory Quantum Field Theory for the Gifted Amateur Queer Theory, Gender Theory: An Instant Primer Primer of Biostatistics, Seventh Edition (Primer of Biostatistics (Glantz)(Paperback)) Primer Diario Nana: Mi primer Diario de Susana (Volume 2) (Spanish Edition) Primer on the Rheumatic Diseases (Primer on Rheumatic Diseases (Klippel)) Primer Diario Rosy: mi primer Diario (Volume 1) (Spanish Edition) Mathematical Apocrypha: Stories and Anecdotes of Mathematicians and the Mathematical (Spectrum) Handbook of Mathematical Functions: with Formulas, Graphs, and Mathematical Tables (Dover Books on Mathematics) Elementary Cryptanalysis: A Mathematical Approach (Mathematical Association of America Textbooks) Elementary Algebraic Geometry (Student Mathematical Library, Vol. 20) (Student Mathematical Library, V. 20) A Course in Mathematical Modeling (Mathematical Association of America Textbooks) The Mathematical Olympiad Handbook: An Introduction to Problem Solving Based on the First 32 British Mathematical Olympiads 1965-1996 (Oxford Science Publications) Lecture Notes on Mathematical Olympiad Courses: For Junior Section (Mathematical Olympiad Series)

<u>Dmca</u>