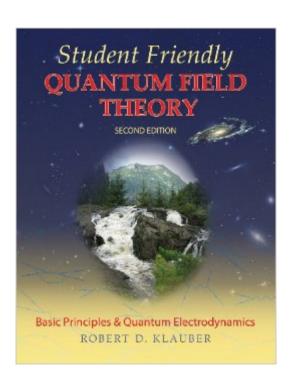
The book was found

Student Friendly Quantum Field Theory





Synopsis

By incorporating extensive student input and innovative teaching methodologies, this book aims to make the process of learning quantum field theory easier, and thus more rapid, profound, and efficient, for both students and instructors. Comprehensive explanations are favored over conciseness, every step in derivations is included, and 'big picture' overviews are provided throughout. Typical student responses indicate how well the text achieves its aim. "[This] book ... makes quantum field theory much easier to understand!" "Thanks for ... making quantum field theory clearer!" "Awesome. .. approach and presentation .. just awesome !!! "Best presentation of QFT I have ever seen marvelous!!!. " transforms learning QFT from being a hazardous endeavor to actually being an enjoyable thing to do." "Great job .. extremely clear ... guided me through many ambiguities .. I wasn't able to work out with any other book." "..truly special... extraordinary text. For me, ... a big relief .. finding [this] text." The book focuses on the canonical quantization approach, but also provides an introductory chapter on path integrals. It covers fundamental principles of quantum field theory, then develops quantum electrodynamics in depth. The second edition incorporates suggestions from readers to make certain sections even clearer and easier to understand. See the first few chapters at www.quantumfieldtheory.info.

Book Information

Paperback: 558 pages

Publisher: Sandtrove Press; 2 edition (December 4, 2013)

Language: English

ISBN-10: 0984513957

ISBN-13: 978-0984513956

Product Dimensions: 8.5 x 1.1 x 11 inches

Shipping Weight: 2.9 pounds (View shipping rates and policies)

Average Customer Review: 4.9 out of 5 stars Â See all reviews (32 customer reviews)

Best Sellers Rank: #43,302 in Books (See Top 100 in Books) #29 in Books > Science & Math >

Physics > Quantum Theory #1218 in Books > Textbooks > Science & Mathematics

Customer Reviews

I posted this review on the previous edition of the book:After attempting to learn from several QFT textbooks, I came to realize that there were innumerable occasions when the authors seemed to gloss-over completely new/unfamiliar concepts because they apparently regarded them as "trivial" or "obvious." But what seemed trivial to them often left me scratching my head, trying to logically tie

one equation to the next and arrive at their conclusion. Most books also tend to omit tedious, yet fundamental, calculations that would be a real pain for a new student to try to work out. I started with the classics ("Peskin and Schroeder," "Bjorken and Drell"), but they seemed to almost require previous knowledge of QFT to make any sense of them, as if they were intended more as an encyclopedia than an introduction to a new subject. I tried Zee's book next, but realized that his unconventional approach (teaching the path integral formulation before the canonical formulation) made it very hard to simultaneously learn from other texts. He also tends to be sloppy with his math, and often left me more confused than anything. The closest I got to a good introduction was Srednicki's book, but it too was hard to follow at times. By chance I stumbled across Klauber's website and read the first chapter of his book, expecting to be left confused as usual. To the contrary, what I had been struggling to understand for months suddenly snapped into place. I immediately read the rest of the free chapters, and when I finished those I ordered the book as soon as it appeared on .

Download to continue reading...

Student Friendly Quantum Field Theory Eco-Friendly Cleaning: Money Saving Solutions for a Clean, Green, All-Natural, Non-Toxic, Eco-Friendly Home (eco-friendly, sustainability, homesteading, ... natural cleaning, green home, non-toxic) Quantum Mechanics and Quantum Field Theory: A Mathematical Primer A Friendly Introduction to Number Theory (4th Edition) (Featured Titles for Number Theory) Quantum Field Theory and the Standard Model Quantum Field Theory for the Gifted Amateur 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) Towards Solid-State Quantum Repeaters: Ultrafast, Coherent Optical Control and Spin-Photon Entanglement in Charged InAs Quantum Dots (Springer Theses) Quantum Nanoelectronics: An introduction to electronic nanotechnology and quantum computing QUANTUM SELF HYPNOSIS STOP SMOKING NOW: Hypnosis Script & Inductions Included! (Quantum Self Hypnosis Singles Book 2) 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) Quantum Thermodynamics: Emergence of Thermodynamic Behavior Within Composite Quantum Systems (Lecture Notes in Physics) Quantum Computation and Quantum Information: 10th Anniversary Edition The Complete Guide to Foreign Medical Schools (In Plain English Series) (Student Friendly Book) Galois Theory for Beginners: A Historical Perspective (Student Mathematical Library) (Student Matehmatical Library)

A Friendly Introduction to Group Theory Friendly Introduction to Number Theory, A, Student Solution Manual for Quantum Chemistry and Spectroscopy Student Solution Manual for Quantum Chemistry and Spectroscopy 3rd (third) Edition by Engel, Thomas [2012]

<u>Dmca</u>