

Quantum Physics For Dummies

By Steven Holzner



Quantum Physics For Dummies By Steven Holzner

Quantum Physics For Dummies, Revised Edition helps make quantum physics understandable and accessible. From what quantum physics can do for the world to understanding hydrogen atoms, readers will get complete coverage of the subject, along with numerous examples to help them tackle the tough equations. Compatible with classroom text books and courses, Quantum Physics For Dummies, Revised Edition lets students study at their own paces and helps them prepare for graduate or professional exams. Coverage includes:

- The Schrodinger Equation and its Applications
- The Foundations of Quantum Physics
- Vector Notation
- Spin
- Scattering Theory, Angular Momentum, and more

Your plain-English guide to understanding and working with the micro world

Quantum physics — also called quantum mechanics or quantum field theory — can be daunting for even the most dedicated student or enthusiast of science, math, or physics. This friendly, concise guide makes this challenging subject understandable and accessible, from atoms to particles to gases and beyond. Plus, it's packed with fully explained examples to help you tackle the tricky equations like a pro!

- Compatible with any classroom course study at your own pace and prepare for graduate or professional exams
- Your journey begins here understand what quantum physics is and what kinds of problems it can solve
- Know the basic math from state vectors to quantum matrix manipulations, get the foundation you need to proceed
- Put quantum physics to work make sense of Schrödinger's equation and handle particles bound in square wells and harmonic oscillators
- Solve problems in three dimensions use the full operators to handle wave functions and eigenvectors to find the natural wave functions of a system
- Discover the latest research learn the cutting-edge quantum physics theories that aim to explain the universe itself

▶ Download Quantum Physics For Dummies ...pdf

Read Online Quantum Physics For Dummies ...pdf

Quantum Physics For Dummies

By Steven Holzner

Quantum Physics For Dummies By Steven Holzner

Quantum Physics For Dummies, Revised Edition helps make quantum physics understandable and accessible. From what quantum physics can do for the world to understanding hydrogen atoms, readers will get complete coverage of the subject, along with numerous examples to help them tackle the tough equations. Compatible with classroom text books and courses, Quantum Physics For Dummies, Revised Edition lets students study at their own paces and helps them prepare for graduate or professional exams. Coverage includes:

- The Schrodinger Equation and its Applications
- The Foundations of Quantum Physics
- Vector Notation
- Spin
- Scattering Theory, Angular Momentum, and more

Your plain-English guide to understanding and working with the micro world

Quantum physics — also called quantum mechanics or quantum field theory — can be daunting for even the most dedicated student or enthusiast of science, math, or physics. This friendly, concise guide makes this challenging subject understandable and accessible, from atoms to particles to gases and beyond. Plus, it's packed with fully explained examples to help you tackle the tricky equations like a pro!

- Compatible with any classroom course study at your own pace and prepare for graduate or professional exams
- Your journey begins here understand what quantum physics is and what kinds of problems it can solve
- Know the basic math from state vectors to quantum matrix manipulations, get the foundation you need to proceed
- Put quantum physics to work make sense of Schrödinger's equation and handle particles bound in square wells and harmonic oscillators
- Solve problems in three dimensions use the full operators to handle wave functions and eigenvectors to find the natural wave functions of a system
- Discover the latest research learn the cutting-edge quantum physics theories that aim to explain the universe itself

Quantum Physics For Dummies By Steven Holzner Bibliography

• Sales Rank: #37606 in Books

• Brand: imusti

Published on: 2013-01-29Original language: English

• Number of items: 1

• Dimensions: 9.30" h x .65" w x 7.40" l, 1.09 pounds

- Binding: Paperback
- 336 pages

▼ Download Quantum Physics For Dummies ...pdf

Read Online Quantum Physics For Dummies ...pdf

Download and Read Free Online Quantum Physics For Dummies By Steven Holzner

Editorial Review

About the Author

Steven Holzner is an award-winning author of technical and science books (like *Physics For Dummies* and *Differential Equations For Dummies*). He graduated from MIT and did his PhD in physics at Cornell University, where he was on the teaching faculty for 10 years. He's also been on the faculty of MIT. Steve also teaches corporate groups around the country.

Users Review

From reader reviews:

Kevin Hardy:

Do you have favorite book? Should you have, what is your favorite's book? Guide is very important thing for us to be aware of everything in the world. Each e-book has different aim or goal; it means that publication has different type. Some people really feel enjoy to spend their the perfect time to read a book. They are really reading whatever they take because their hobby will be reading a book. Why not the person who don't like studying a book? Sometime, man or woman feel need book once they found difficult problem or perhaps exercise. Well, probably you'll have this Quantum Physics For Dummies.

Francis King:

Here thing why this kind of Quantum Physics For Dummies are different and trustworthy to be yours. First of all reading a book is good nevertheless it depends in the content from it which is the content is as scrumptious as food or not. Quantum Physics For Dummies giving you information deeper and in different ways, you can find any publication out there but there is no book that similar with Quantum Physics For Dummies. It gives you thrill examining journey, its open up your own eyes about the thing in which happened in the world which is might be can be happened around you. You can bring everywhere like in park your car, café, or even in your technique home by train. In case you are having difficulties in bringing the branded book maybe the form of Quantum Physics For Dummies in e-book can be your substitute.

Don Morris:

Reading a e-book can be one of a lot of activity that everyone in the world loves. Do you like reading book and so. There are a lot of reasons why people fantastic. First reading a publication will give you a lot of new data. When you read a guide you will get new information mainly because book is one of various ways to share the information as well as their idea. Second, looking at a book will make you actually more imaginative. When you examining a book especially fictional works book the author will bring you to imagine the story how the people do it anything. Third, you could share your knowledge to some others. When you read this Quantum Physics For Dummies, you can tells your family, friends along with soon about yours e-book. Your knowledge can inspire the mediocre, make them reading a publication.

Virginia Comer:

This Quantum Physics For Dummies is fresh way for you who has fascination to look for some information given it relief your hunger associated with. Getting deeper you into it getting knowledge more you know or else you who still having little digest in reading this Quantum Physics For Dummies can be the light food in your case because the information inside this particular book is easy to get by simply anyone. These books create itself in the form which can be reachable by anyone, that's why I mean in the e-book web form. People who think that in publication form make them feel tired even dizzy this publication is the answer. So there isn't any in reading a book especially this one. You can find actually looking for. It should be here for you. So, don't miss that! Just read this e-book kind for your better life in addition to knowledge.

Download and Read Online Quantum Physics For Dummies By Steven Holzner #K8M7FBD2QJ3

Read Quantum Physics For Dummies By Steven Holzner for online ebook

Quantum Physics For Dummies By Steven Holzner Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Quantum Physics For Dummies By Steven Holzner books to read online.

Online Quantum Physics For Dummies By Steven Holzner ebook PDF download

Quantum Physics For Dummies By Steven Holzner Doc

Quantum Physics For Dummies By Steven Holzner Mobipocket

Quantum Physics For Dummies By Steven Holzner EPub

K8M7FBD2QJ3: Quantum Physics For Dummies By Steven Holzner