



QED: The Strange Theory of Light and Matter

By Richard P. Feynman

Download now

Read Online →

QED: The Strange Theory of Light and Matter By Richard P. Feynman

Celebrated for his brilliantly quirky insights into the physical world, Nobel laureate Richard Feynman also possessed an extraordinary talent for explaining difficult concepts to the general public. Here Feynman provides a classic and definitive introduction to QED (namely, quantum electrodynamics), that part of quantum field theory describing the interactions of light with charged particles. Using everyday language, spatial concepts, visualizations, and his renowned "Feynman diagrams" instead of advanced mathematics, Feynman clearly and humorously communicates both the substance and spirit of QED to the layperson. A. Zee's introduction places Feynman's book and his seminal contribution to QED in historical context and further highlights Feynman's uniquely appealing and illuminating style.

↓ [Download QED: The Strange Theory of Light and Matter ...pdf](#)

📄 [Read Online QED: The Strange Theory of Light and Matter ...pdf](#)

QED: The Strange Theory of Light and Matter

By Richard P. Feynman

QED: The Strange Theory of Light and Matter By Richard P. Feynman

Celebrated for his brilliantly quirky insights into the physical world, Nobel laureate Richard Feynman also possessed an extraordinary talent for explaining difficult concepts to the general public. Here Feynman provides a classic and definitive introduction to QED (namely, quantum electrodynamics), that part of quantum field theory describing the interactions of light with charged particles. Using everyday language, spatial concepts, visualizations, and his renowned "Feynman diagrams" instead of advanced mathematics, Feynman clearly and humorously communicates both the substance and spirit of QED to the layperson. A. Zee's introduction places Feynman's book and his seminal contribution to QED in historical context and further highlights Feynman's uniquely appealing and illuminating style.

QED: The Strange Theory of Light and Matter By Richard P. Feynman Bibliography

- Sales Rank: #220455 in Books
- Published on: 2006-04-24
- Original language: English
- Number of items: 1
- Dimensions: .60" h x 5.50" w x 8.40" l, .56 pounds
- Binding: Paperback
- 192 pages

 [Download QED: The Strange Theory of Light and Matter ...pdf](#)

 [Read Online QED: The Strange Theory of Light and Matter ...pdf](#)

Download and Read Free Online QED: The Strange Theory of Light and Matter By Richard P. Feynman

Editorial Review

From Library Journal

This volume, constituting the printed version of the first of the Alix G. Mautner Memorial Lectures to be given periodically at UCLA, certainly gets this new series off to a flying start. World-renowned for the liveliness and creativity of his physical insights, Caltech physicist Feynman provides another of his tours de force as he clearly explains the arcane workings of quantum electrodynamics, a theory which Feynman himself helped to establish. Starting with such familiar phenomena as the reflection and refraction of light, Feynman goes on to describe in detail the interactions between electrons and light. Although the text requires more concentration to grasp than most science popularizations, things never get out of hand. A good choice for collections serving informed readers. Thomas E. Margrave, formerly with Physics & Astronomy Dept., Univ. of Montana, Missoula
Copyright 1985 Reed Business Information, Inc.

Review

"Physics Nobelist Feynman simply cannot help being original. In this quirky, fascinating book, he explains to laymen the quantum theory of light, a theory to which he made decisive contributions."--*The New Yorker*

"Feynman's lectures must have been marvelous and they have been turned into an equally entrancing book, a vivid introduction to QED which is leavened and enlivened by his wit. Anyone with a curiosity about physics today should buy it, not only to get to grips with the deepest meaning of quantum theory but to possess a slice of history."--**Pedro Waloschek**, *Nature*

Praise for Princeton's original edition: "Feynman simply cannot help being original. In this quirky, fascinating book, he explains to laymen the quantum theory of light."--*New Yorker*

Praise for Princeton's original edition: "[A]nother tour de force by the acknowledged master of clear explanation in physics."--**John Roche**, *Times Literary Supplement*

Praise for Princeton's original edition: "Feynman's lectures must have been marvellous and they have been turned into an equally entrancing book, a vivid introduction to QED which is leavened and enlivened by his wit. Anyone with a curiosity about physics today should buy it, not only to get to grips with the deepest meaning of quantum theory but to possess a slice of history."--**Pedro Waloschek**, *Nature*

Praise for Princeton's original edition: "In four conversational and breezy chapters. . . Feynman, who himself gave the theory its most useful and powerful form, undertakes without one equation to explain QED to the generality of readers."--**Philip Morrison**, *Scientific American*

"Using clear language, many visuals, and his own Feynman diagrams, the author presents a clear introduction to the quantum theory of the inter-action of light with matter, without mathematics but with humor."--*Physics Teacher*

About the Author

Richard P. Feynman (1918-1988) was Professor of Physics at the California Institute of Technology. A. Zee is a Permanent Member of the Institute for Theoretical Physics and Professor of Theoretical Physics at the University of California, Santa Barbara. He is the author of "Fearful Symmetry: The Search for Beauty in

Modern Physics" and "Quantum Field Theory in a Nutshell" (both Princeton).

Users Review

From reader reviews:

Suzanne Jensen:

Book will be written, printed, or created for everything. You can understand everything you want by a publication. Book has a different type. As it is known to us that book is important thing to bring us around the world. Beside that you can your reading talent was fluently. A reserve QED: The Strange Theory of Light and Matter will make you to always be smarter. You can feel considerably more confidence if you can know about every thing. But some of you think which open or reading some sort of book make you bored. It is not necessarily make you fun. Why they are often thought like that? Have you trying to find best book or suitable book with you?

Jacquelin Vasquez:

The book QED: The Strange Theory of Light and Matter can give more knowledge and information about everything you want. Why then must we leave the great thing like a book QED: The Strange Theory of Light and Matter? Wide variety you have a different opinion about reserve. But one aim this book can give many details for us. It is absolutely correct. Right now, try to closer with your book. Knowledge or data that you take for that, you can give for each other; you may share all of these. Book QED: The Strange Theory of Light and Matter has simple shape nevertheless, you know: it has great and massive function for you. You can look the enormous world by available and read a guide. So it is very wonderful.

Stuart Perez:

This book untitled QED: The Strange Theory of Light and Matter to be one of several books this best seller in this year, that is because when you read this reserve you can get a lot of benefit onto it. You will easily to buy that book in the book retailer or you can order it by way of online. The publisher of the book sells the e-book too. It makes you more readily to read this book, as you can read this book in your Smartphone. So there is no reason to you personally to past this publication from your list.

Sarah Petty:

Reading a reserve can be one of a lot of activity that everyone in the world likes. Do you like reading book and so. There are a lot of reasons why people like it. First reading a e-book will give you a lot of new details. When you read a publication you will get new information simply because book is one of various ways to share the information or maybe their idea. Second, studying a book will make a person more imaginative. When you examining a book especially hype book the author will bring you to imagine the story how the characters do it anything. Third, you are able to share your knowledge to other individuals. When you read this QED: The Strange Theory of Light and Matter, you can tells your family, friends along with soon about yours reserve. Your knowledge can inspire others, make them reading a publication.

Download and Read Online QED: The Strange Theory of Light and Matter By Richard P. Feynman #71ICMSVTU9G

Read QED: The Strange Theory of Light and Matter By Richard P. Feynman for online ebook

QED: The Strange Theory of Light and Matter By Richard P. Feynman 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 QED: The Strange Theory of Light and Matter By Richard P. Feynman books to read online.

Online QED: The Strange Theory of Light and Matter By Richard P. Feynman ebook PDF download

QED: The Strange Theory of Light and Matter By Richard P. Feynman Doc

QED: The Strange Theory of Light and Matter By Richard P. Feynman Mobipocket

QED: The Strange Theory of Light and Matter By Richard P. Feynman EPub