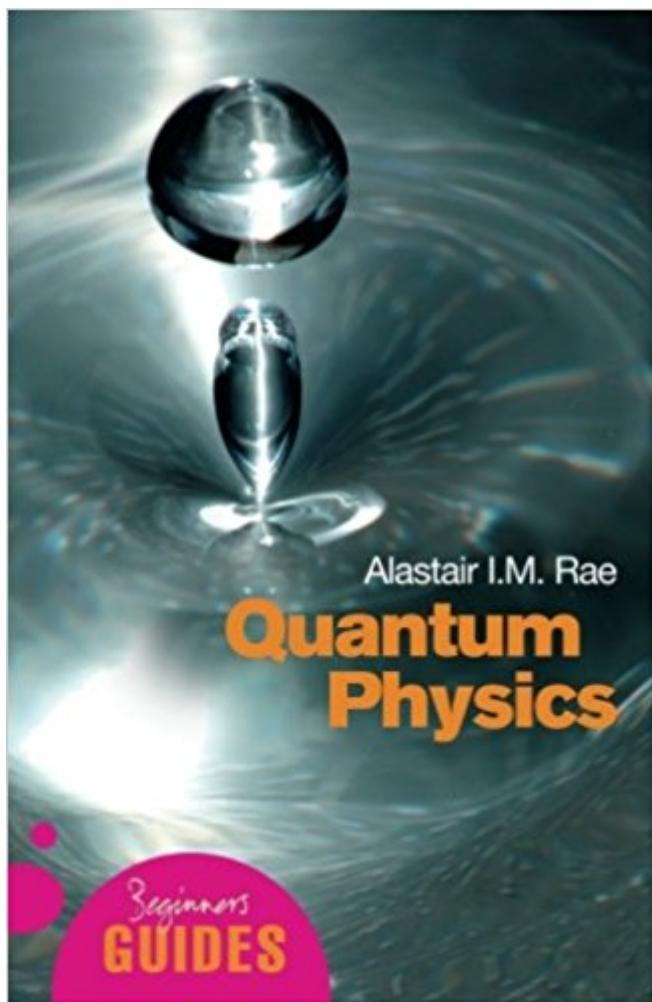


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Quantum Physics: A Beginner's Guide (Beginner's Guides)



Synopsis

From quarks to computing, this fascinating introduction covers every element of the quantum world in clear and accessible language. Drawing on a wealth of expertise to explain just what a fascinating field quantum physics is, Rae points out that it is not simply a maze of technical jargon and philosophical ideas, but a reality which affects our daily lives.

Book Information

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Customer Reviews

"Few appreciate how deeply quantum physics affects so many aspects of our everyday 21st century world, so Rae's emphasis on the practical impact of abstract concepts is very welcome." --

Professor Sir Michael Berry, Royal Society Research Fellow, Bristol University "An accessible introduction to the field and assumes no prior knowledge; A comprehensive and up to date review."

-- Scientific and Medical Network "Rae has done an impressive job. Any reader who is prepared to put in a little effort will come away from this book with not only an understanding of the basics of some important practical applications of the theory but also some appreciation of why its conceptual foundations are still the subject of such spirited debate." -- Professor Anthony Leggett, winner of the 2003 Nobel Prize for Physics

Alastair Rae is editor of The European Journal of Physics and was, until his recent retirement, Reader in Quantum Physics at the University of Birmingham. His Quantum Mechanics, now in its second edition, has become a standard undergraduate text on the subject, and his book on the philosophical implications of quantum theory, Quantum Physics: Illusion or Reality?, is in its fourth

edition and has been translated into six different languages.

Great book, have to have a working knowledge of mathematics

This is a good, concise beginner's guide. However, I got lost about half-way through and put the book on the shelf. As much as I would like to, I simply don't understand this stuff. But, it's good to know such science exists. Apparently, the theories can only be mathematically proven, not directly observed. I don't get it! The problem is not the book, but my brain!

A bit too rich for beginners, but still nice explanations. Needs to read two or three times. Great book.

great for beginners

Excellent beginners intro into Quantum Physics.

Easy to read and to grasp the concepts.

GREAT INTRO TO GET YOU READY FOR SOME OF THE BEFFIER BOOKS.

very informative

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