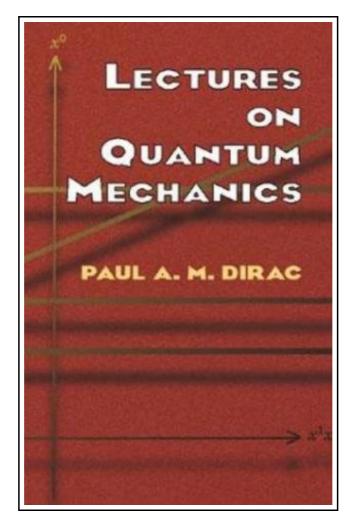
# **Lectures on Quantum Mechanics**



Filesize: 6.42 MB

# **Reviews**

Completely essential go through book. This is for all who statte there had not been a worthy of reading through. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Lydia Legros)

# LECTURES ON QUANTUM MECHANICS



Dover Publications. Paperback. Book Condition: New. Paperback. 96 pages. Dimensions: 8.3in. x 5.2in. x 0.3in.The author of this concise, brilliant series of lectures on mathematical methods in quantum mechanics was one of the shining intellects in the field, winning a Nobel prize in 1933 for his pioneering work in the quantum mechanics of the atom. Beyond that, he developed the transformation theory of quantum mechanics (which made it possible to calculate the statistical distribution of certain variables), was one of the major authors of the quantum theory of radiation, codiscovered the Fermi-Dirac statistics, and predicted the existence of the positron. The four lectures in this book were delivered at Yeshiva University, New York, in 1964. The first, The Hamiltonian Method, is an introduction to visualizing quantum theory through the use of classical mechanics. The remaining lectures build on that idea. The Problem of Quantization shows how one can start with a classical field theory and end up with a quantum field theory. In Quantization on Curved Surfaces, Dirac examines the possibility of building a relativistic quantum theory on curved surfaces. He deduces that it is not possible, but it should be possible on flat surfaces. In the final lecture, Quantization on Flat Surfaces, he concludes that we can set up the basic equations for a quantum theory of the Born-Infeld electrodynamics agreeing with special relativity, but not with general relativity. Physics and chemistry students will find this book an invaluable addition to their libraries, as will anyone intrigued by the far-reaching and influential ideas of quantum mechanics. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



Read Lectures on Quantum Mechanics Online Download PDF Lectures on Quantum Mechanics

# See Also



#### Scala in Depth

Manning Publications. Paperback. Book Condition: New. Paperback. 304 pages. Dimensions: 9.2in. x 7.3in. x 0.8in.Summary Scala in Depth is a unique new book designed to help you integrate Scala effectively into your development process. By...

Download ePub »



## Coronation Mass, K. 317 Vocal Score Latin Edition

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 56 pages. Dimensions: 9.6in. x 6.7in. x 0.1in.Otto Taubmanns classic vocal score of Mozarts Coronation Mass was first issued in the early 20th century and has become...

Download ePub »



## The Day I Forgot to Pray

Tate Publishing. Paperback. Book Condition: New. Paperback. 28 pages. Dimensions: 8.7in. x 5.8in. x 0.3in.Alexis is an ordinary five-year-old who likes to run and play in the sandbox. On her first day of Kindergarten, she...

Download ePub »



## DK Readers Robin Hood Level 4 Proficient Readers

DK CHILDREN. Paperback. Book Condition: New. Nick Harris (illustrator). Paperback. 48 pages. Dimensions: 8.4in. x 5.7in. x 0.2in.Discover the rollicking exploits of Robin and his merry men as they take from the rich and give...

Download ePub »



# DK Readers Animal Hospital Level 2 Beginning to Read Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.9in. x 5.8in. x 0.1in.This Level 2 book is appropriate for children who are beginning to read alone. When Jack and Luke take an injured...

Download ePub »