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This chapter is almost exactly the same as Chapter 37 of Volume I. 1–1 Atomic mechanics “Quantum mechanics” is the description of the behavior of matter and light in all its details and, in particular, of the happenings on an atomic scale. Things on a very small scale behave like nothing that you have any direct experience about.

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Editor, The Feynman Lectures on Physics New Millennium Edition. The Feynman Lectures on Physics, Volume III. ...

with filtered atoms 5-3 Stern-Gerlach filters in series 5-4 Base states 5-5 Interfering amplitudes 5-6 The machinery of quantum mechanics 5-7 Transforming to a different base 5-8 Other situations

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## **Lecture Notes | Quantum Physics I | Physics | MIT ...**

Lecture 1 of Leonard Susskind's Modern Physics course concentrating on Quantum Mechanics. Recorded January 14, 2008 at Stanford University. This Stanford Con...

## **Lecture 1 | Modern Physics: Quantum Mechanics**

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## **(Stanford ...**

Lectures on Quantum Mechanics, Gordon Baym. Quantum Mechanics, Volumes 1 and 2, Albert Messiah. Quantum Mechanics, Volume 1, Kurt Gottfried. Introduction to Quantum Mechanics, David J. Griffiths. Quantum Mechanics and the Particles of Nature: an Outline for Mathematicians, Sudbery. Cambridge 1986 (unfortunately out of print)

## **Introduction to Quantum Mechanics**

Lectures on Quantum Mechanics (Dover Books on Physics) Paperback – Illustrated, 28 Mar. 2003 by Paul A. M. Dirac (Author) 4.5 out of 5 stars 127 ratings

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Lectures on Quantum Mechanics Nobel Laureate Steven Weinberg combines his exceptional physical insight with his gift for clear exposition to provide a concise introduction to modern quantum mechanics. Ideally suited to a one-year graduate course, this textbook is also a useful reference for researchers.

## **Lectures on Quantum Mechanics ...**

Quantum mechanics is a fundamental theory in physics that provides a description of the physical properties of nature at the scale of atoms and subatomic particles. It is the foundation of all quantum physics including quantum

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