

# [PDF] Quantum Mechanics (2 Vol. Set)

**Claude Cohen-Tannoudji, Bernard Diu, Frank Laloe - pdf download free book**

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#### **Books Details:**

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#### **Description:**

**From the Publisher** Separates essential underlying principles of quantum mechanics from specific applications and practical examples, dealing with each in different sections. Chapters emphasize principles; complementary sections supply applications. Provides a qualitative introduction to quantum mechanical ideas; a systematic presentation of the mathematical tools and postulates, including a discussion of their physical content and applications. Applications are not interdependent and can be used to focus on either physics or chemistry.

**About the Author Claude Cohen-Tannoudji**, born in Constantine (Algeria) in 1933, studied at the École Normale Supérieure in Paris, where he received a postdoctoral lecture qualification in 1962. In 1973 he was accepted at the Collège de France, and in 1981 became a member of the Academy of Sciences. In 1997, Claude Cohen-Tannoudji was awarded the Nobel Prize in Physics for his research on laser cooling of neutral atoms (together with Steven Chu and William D. Phillips). The method is relevant for the development of precise atomic clocks, which are used for positioning and navigation. He is currently affiliated to the Laboratoire de Physique at the École Normale Supérieure.

His textbook on quantum mechanics, written together with **Bernard Diu** and **Franck Laloe** is one of the best-known timeless standard references in this field and is recommended on a regular basis by lecturers of undergraduate courses.

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