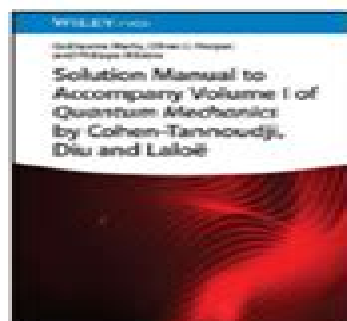




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Guillaume Merle, Oliver J. Harper, Philippe Ribière

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DESCRIPTION

Solution Manual to Accompany Volume I of *Quantum Mechanics* by Cohen-Tannoudji, Diu and Laloë

Grasp the fundamentals of quantum mechanics with this essential set of solutions

Quantum mechanics, with its counter-intuitive premises and its radical variations from classical mechanics or electrodynamics, is both among the most important components of a modern physics education and one of the most challenging. It demands both a theoretical grounding and a grasp of mathematical technique that take time and effort to master. Students working through quantum mechanics curricula generally practice by working through increasingly difficult problem sets, such as those found in the seminal Quantum Mechanics volumes by Cohen-Tannoudji, Diu and Laloë.

This solution manual accompanies Volume I and offers the long-awaited detailed solutions to all 69 problems in this text. Its accessible format provides explicit explanations of every step, focusing on both the physical theory and the formal mathematics, to ensure students grasp all pertinent concepts. It also includes guidance for transferring the solution approaches to comparable problems in quantum mechanics.

Readers also benefit from:

- Approximately 70 figures to clarify key steps and concepts
- Detailed explanations of problems concerning quantum mechanics postulates, mathematical tools, properties of angular momentum, and more

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