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With the clarity of exposition and extensive learning features that have established the book as a leading text in the field, Molecular Quantum Mechanics takes us from the foundations of quantum mechanics, through quantum models of atomic, molecular, and electronic structure, and on to discussions of spectroscopy, and the electronic and magnetic properties of molecules. Lucid explanations and illuminating artworks help to visualise the many abstract concepts upon which the subject is built.

Molecular Quantum Mechanics: Peter W. Atkins, Ronald S

Quantum mechanics embraces the behavior of all known forms of matter, including the atoms and molecules from which we, and all living organisms, are composed. Molecular Quantum Mechanics leads us through this absorbing yet challenging subject, exploring the fundamental physical principles that explain how all matter behaves.

Molecular Quantum Mechanics - Peter W. Atkins; Ronald S

Abstract: This text is a thorough revision of the second edition, which appeared in 1983. The new edition continues to present extensive treatments of quantum principles and methods, atomic and molecular structure, and rotational, vibrational, and electronic ...

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