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5.4.3 Molecular Symmetries: Electronic Motion

Sommario/riassunto

This book draws together the principal ideas that form the basis of atomic, molecular, and optical science and engineering. It covers the basics of atoms, diatomic molecules, atoms and molecules in static and electromagnetic fields and nonlinear optics. Exercises and bibliographies supplement each chapter, while several appendices present such important background information as physics and math definitions, atomic and molecular data, and tensor algebra.Accessible to advanced undergraduates, graduate students, or researchers who have been trained in one of the conventional curricula of phy