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Altri autori (Persone)	MooreElaine (Elaine A.)
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Sommario/riassunto	Why do molecules adopt particular shapes? What determines the physical and chemical properties of a material? Molecular Modelling and Bonding answers these questions by introducing the ideas behind molecular and quantum mechanics, using a largely non-mathematical approach. Atomic and molecular orbitals, computational chemistry and bonding in solids are also discussed. A Case Study, Molecular Modelling in Drug Design, explores ways in which computer modelling, in conjunction with experimental techniques, is used to design new drugs.

The accompanying CD-ROM illustrates applications of molecular a
