

## CHAPTER OVERVIEW

### 1: Basic Concepts in Chemical Bonding and Organic Molecules

- 1.1: Chemical Bonding
- 1.2: Lewis Structure
- 1.3: Resonance Structures
- 1.4: Resonance structures in Organic Chemistry
- 1.5: Valence-Shell Electron-Pair Repulsion Theory (VSEPR)
- 1.6: Valence Bond Theory and Hybridization
- 1.7: Answers to Practice Questions Chapter 1

Thumbnail: Four  $sp^3$  orbitals. (CC BY SA 3.0; Jfmelero via Wikipedia)

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