

## CHAPTER OVERVIEW

### 1: Chapters

- 1.1: Atoms and Photons- Origin of the Quantum Theory
- 1.2: Waves and Particles
- 1.3: Quantum Mechanics of Some Simple Systems
- 1.4: Principles of Quantum Mechanics
- 1.5: Harmonic Oscillator
- 1.6: Angular Momentum
- 1.7: Hydrogen Atom
- 1.8: Helium Atom
- 1.9: Atomic Structure and The Periodic Law
- 1.10: The Chemical Bond
- 1.11: Molecular Orbital Theory
- 1.12: Molecular Symmetry
- 1.13: Molecular Spectroscopy
- 1.14: Nuclear Magnetic Resonance

Thumbnail: <https://pixabay.com/photos/book-open...cation-933088/>

---

This page titled 1: Chapters is shared under a [CC BY-NC-SA 4.0](#) license and was authored, remixed, and/or curated by [S. M. Blinder](#).