

CHAPTER OVERVIEW

7: Atomic Spectroscopy

Topic hierarchy

- 7.1: Introduction
- 7.2: A Very Brief History of Spectroscopy
- 7.3: The Hydrogen Spectrum
- 7.4: The Bohr Model of Hydrogen-like Atoms
- 7.5: One-dimensional Waves in a Stretched String
- 7.6: Vibrations of a Uniform Sphere
- 7.7: The Wave Nature of the Electron
- 7.8: Schrödinger's Equation
- 7.9: Solution of Schrödinger's Time-independent Equation for the Hydrogen Atom
- 7.10: Operators, Eigenfunctions and Eigenvalues
- 7.11: Spin
- 7.12: Electron Configurations
- 7.13: LS-coupling
- 7.14: States, Levels, Terms, Polyads, etc.
- 7.15: Components, Lines, Multiplets, etc.
- 7.16: Return to the Hydrogen Atom
- 7.17: How to recognize LS-coupling
- 7.18: Hyperfine Structure
- 7.19: Isotope effects
- 7.20: Orbiting and Spinning Charges
- 7.21: Zeeman effect
- 7.22: Paschen-Back Effect
- 7.23: Zeeman effect with nuclear spin
- 7.24: Selection rules
- 7.25: Some forbidden lines worth knowing
- 7.26: Stark Effect

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