A physical chemistry Textmap organized around the textbook by Atkins and De Paula

Physical Chemistry

- Front Matter
- 1: The Properties of Gases
- 2: The First Law
- 3: The Second and Third Laws
4: Physical Transformations of Pure Substances

5: Simple Mixtures

6: Chemical Equilibrium

7: Introduction to Quantum Theory
8: The Quantum Theory of Motion

9: Atomic Structure and Spectra

10: Molecular Structure

11: Molecular Symmetry
12: Rotational and Vibrational Spectra

13: Electronic Transitions

14: Magnetic Resonance

15: Statistical Thermodynamics
16: Molecular Interactions

17: Macromolecules and Self-assembly

18: Solids

19: Molecules in Motion
20: Chemical Kinetics

• 21: Reaction Dynamics

• 22: Processes on Solid Surfaces

• Back Matter