A General Chemistry Textmap constructed to supplant Nivaldo Tro’s textbook

Chemistry: A Molecular Approach

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• 1: Matter, Measurement, and Problem Solving

• 2: Atoms and Elements

• 3: Molecules, Compounds and Chemical Equations
• 4: Chemical Reactions and Aqueous Reactions
• 5: Gases
• 6: Thermochemistry
• 7: The Quantum-Mechanical Model of the Atom
8: Periodic Properties of the Elements

9: Chemical Bonding I- Lewis Structures and Determining Molecular Shapes

10: Chemical Bonding II- Valence Bond Theory and Molecular Orbital Theory

11: Liquids, Solids, and Intermolecular Forces
12: Solids and Modern Materials

13: Solutions

14: Chemical Kinetics

15: Chemical Equilibrium
16: Acids and Bases

• 17: Aqueous Ionic Equilibrium

• 18: Gibbs Energy and Thermodynamics

• 19: Electrochemistry
20: Radioactivity and Nuclear Chemistry

21: Organic Chemistry

22: Biochemistry

23: Chemistry of the Nonmetals
• 25: Transition Metals and Coordination Compounds

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