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

**Chemistry: A Molecular Approach**

- Front Matter

- 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