This text is designed for Chem 001A, which is a standard general chemistry course for science and engineering majors, with emphasis on quantitative methods and calculations. The text addresses atomic structure and chemical bonding, stoichiometry, gases, liquids, solids and solution chemistry. Introductions to equilibrium and organic chemistry. Quantitative analysis using analytical balances, gravimetric and volumetric procedures, spectrophotometry and calorimetry.
23: Biochemistry
24: Chemistry of the Nonmetals
25: Metals and Metallurgy
26: Transition Metals and Coordination Compounds
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