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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction to apparent equilibrium constants -- Structure of thermodynamics -- Chemical equilibrium in aqueous solutions -- Thermodynamics of biochemical reactions at speci.ed pH -- Matrices in chemical and biochemical thermodynamics -- Systems of biochemical reactions -- Thermodynamics of binding of the ligands by proteins -- Phase equilibrium in aqueous systems -- Oxidation-reduction reactions -- Calorimetry of biochemical reactions -- Use of semigrand partition functions.
Sommario/riassunto	Thermodynamics of Biochemical Reactions emphasizes the fundamental equations of thermodynamics and the application of these equations to systems of biochemical reactions. This emphasis leads to new thermodynamic potentials that provide criteria for spontaneous

change and equilibrium under the conditions in a living cell.
