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Nota di contenuto	Concepts from physical chemistry -- Conventions and calculations for biochemical systems -- Chemical kinetics and transport processes -- Enzyme-catalyzed reactions -- Biochemical signaling modules -- Biochemical reaction networks -- Coupled biochemical systems and membrane transport -- Spatially distributed systems and reaction-diffusion modeling -- Constraint-based analysis of biochemical systems -- Biomacromolecular structure and molecular association -- Stochastic biochemical systems and the chemical master equation