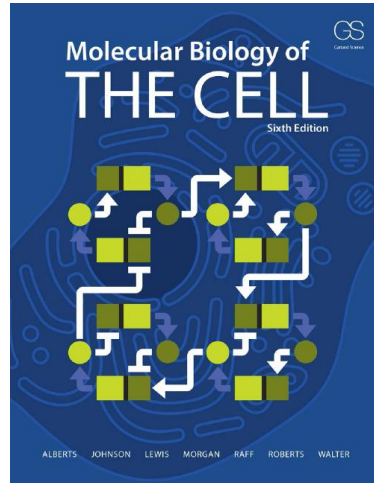


Book 1

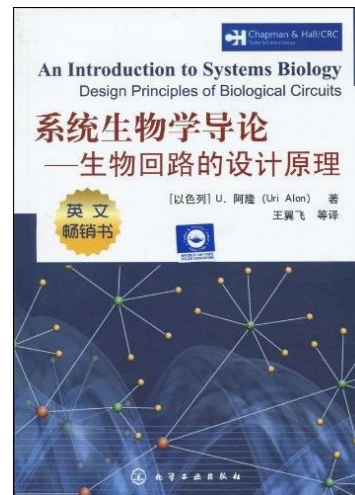
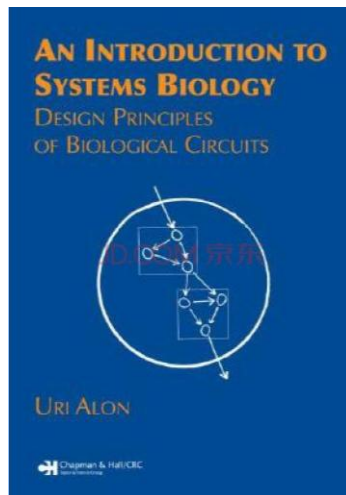
Alberts et al. **Molecular Biology of the Cell**



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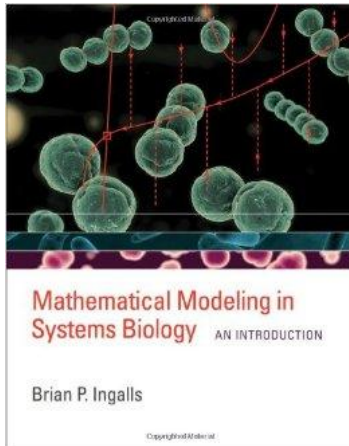
Book 2 ★★★★★

Uri Alon. **An introduction to systems biology: design principles of biological circuits**



Book 3 ★ ★ ★ ★ ★

Mathematical Modeling in Systems Biology



MIT Press (July 2013)

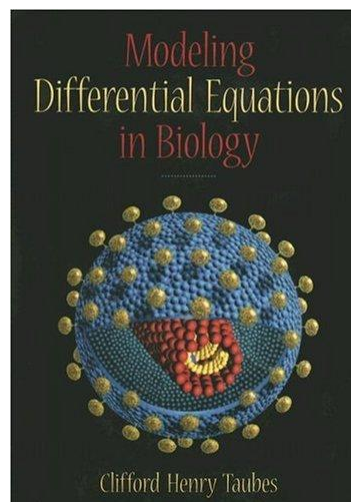
The first four chapters cover the basics of mathematical modeling in molecular systems biology

The last four chapters address specific biological domains, treating modeling of metabolic networks, of signal transduction pathways, of gene regulatory networks, and of electrophysiology and neuronal action potentials.

Appendixes provide a review of basic concepts of molecular biology, additional mathematical background material, and tutorials for two computational software packages (XPPAUT and MATLAB) that can be used for model simulation and analysis.

Book 4 ★ ★ ★ ★ ★

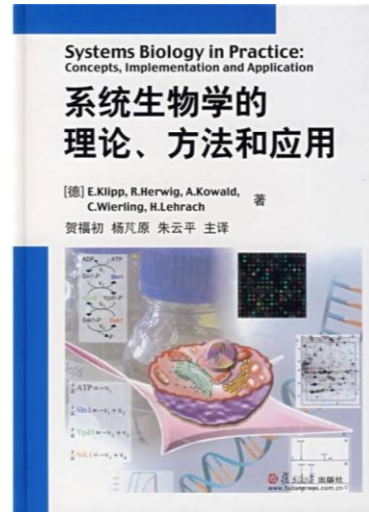
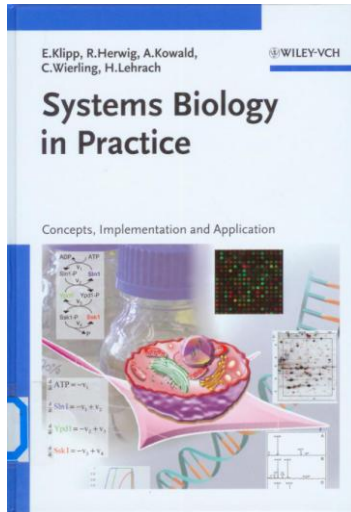
Modeling Differential Equations in Biology



Book 5 ★★★★★

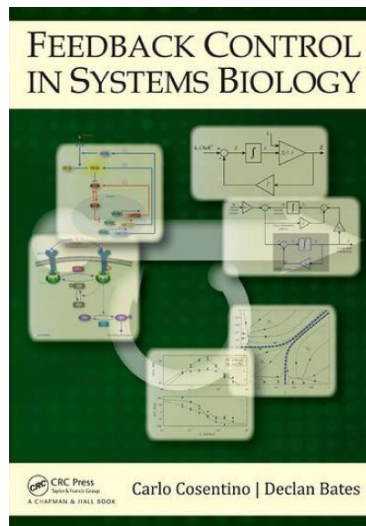
Systems biology in Practice

流平衡分析 — 线性代数



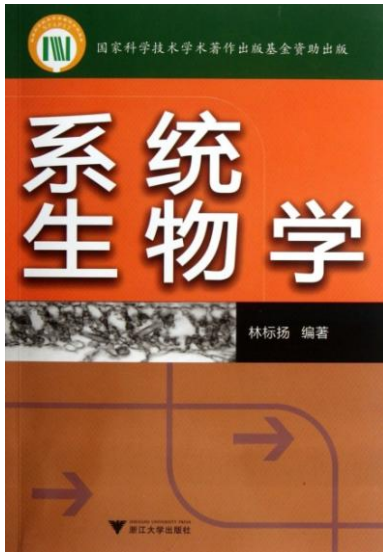
Book 6 ★★★★★

Feedback Control in Systems Biology



控制论

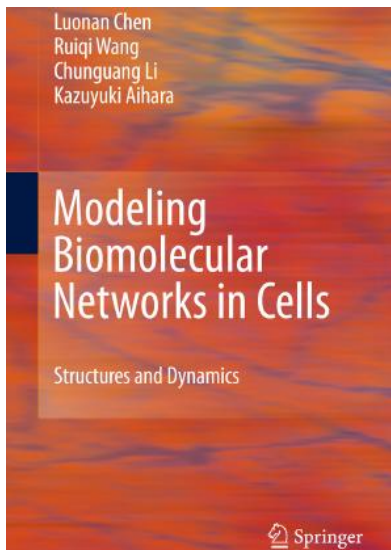
Book 7 & 8 ★★★★★



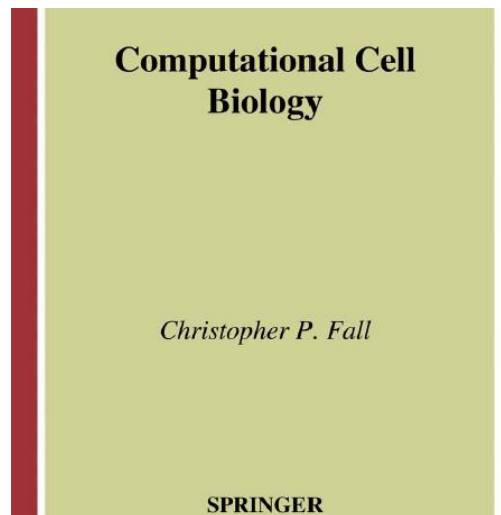
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Book 9 & 10 ★★★★★



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