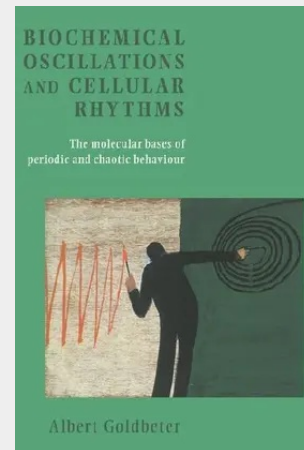


Biochemical Oscillations and Cellular Rhythms

This book addresses the molecular bases of some of the most important biochemical rhythms known at the cellular level. Clarifying the mechanism of these oscillatory phenomena is of key importance for understanding the origin as well as the physiological function of these rhythms, and the conditions in which simple periodic behaviour transforms into complex oscillations including bursting and chaos. It will appeal to graduate students and researchers in a wide variety of fields. On the one hand, it will be of interest to life scientists such as biochemists, cell biologists, medical scientists, pharmacologists and chronobiologists. On the other hand, scientists studying nonlinear phenomena, including oscillations and chaos, in chemistry, physics, mathematics and mathematical biology will also find these ideas of value.

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