



2nd ed. 2010, XXX, 950 p, 200 illus.

Printed book

Hardcover

84,99 € | £74.99 | \$109.99

^[1]90,94 € (D) | 93,49 € (A) | CHF

100,50

Softcover

79,99 € | £69.99 | \$99.99

^[1]85,59 € (D) | 87,99 € (A) | CHF

94,50

eBook

67,40 € | £55.99 | \$79.99

^[2]67,40 € (D) | 67,40 € (A) | CHF

75,50

Available from your library or
springer.com/shop

MyCopy ^[3]

Printed eBook for just

€ | \$ 24.99

springer.com/mycopy

Peter R. Bergethon

The Physical Basis of Biochemistry

The Foundations of Molecular Biophysics

- Grounds students in the basic principles of biochemistry and molecular biophysics Delves into the explosive developments in the area of genomics, and in turn, proteomics, bioinformatics, and computational and visualization technologies Emphasizes the interdisciplinary nature of biophysical chemistry Contains numerous problem sets and examples, and clear illustrations

Biological chemistry has changed since the completion of the human genome project. There is a renewed interest and market for individuals trained in biophysical chemistry and molecular biophysics. The Physical Basis of Biochemistry, Second Edition, emphasizes the interdisciplinary nature of biophysical chemistry by incorporating the quantitative perspective of the physical sciences without sacrificing the complexity and diversity of the biological systems, applies physical and chemical principles to the understanding of the biology of cells and explores the explosive developments in the area of genomics, and in turn, proteomics, bioinformatics, and computational and visualization technologies that have occurred in the past seven years. The book features problem sets and examples, clear illustrations, and extensive appendixes that provide additional information on related topics in mathematics, physics and chemistry.

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

