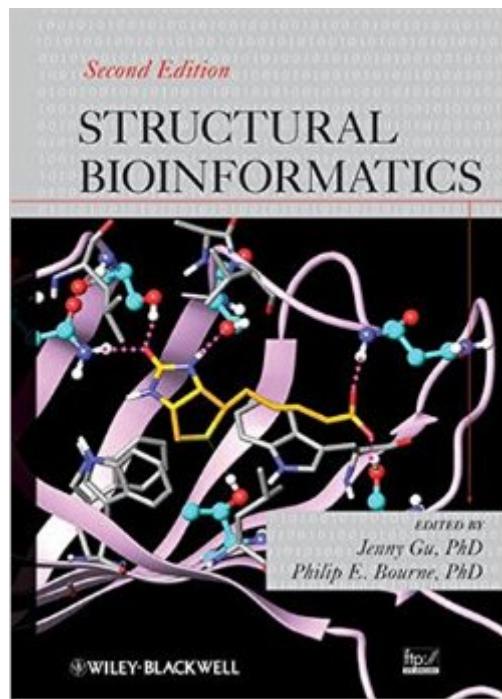


The book was found

Structural Bioinformatics



Synopsis

Structural Bioinformatics was the first major effort to show the application of the principles and basic knowledge of the larger field of bioinformatics to questions focusing on macromolecular structure, such as the prediction of protein structure and how proteins carry out cellular functions, and how the application of bioinformatics to these life science issues can improve healthcare by accelerating drug discovery and development. Designed primarily as a reference, the first edition nevertheless saw widespread use as a textbook in graduate and undergraduate university courses dealing with the theories and associated algorithms, resources, and tools used in the analysis, prediction, and theoretical underpinnings of DNA, RNA, and proteins. This new edition contains not only thorough updates of the advances in structural bioinformatics since publication of the first edition, but also features eleven new chapters dealing with frontier areas of high scientific impact, including: sampling and search techniques; use of mass spectrometry; genome functional annotation; and much more. Offering detailed coverage for practitioners while remaining accessible to the novice, Structural Bioinformatics, Second Edition is a valuable resource and an excellent textbook for a range of readers in the bioinformatics and advanced biology fields. Praise for the previous edition: "This book is a gold mine of fundamental and practical information in an area not previously well represented in book form." à "Biochemistry and Molecular Education "... destined to become a classic reference work for workers at all levels in structural bioinformatics...recommended with great enthusiasm for educators, researchers, and graduate students." à "BAMBED "...a useful and timely summary of a rapidly expanding field." à "Nature Structural Biology "...a terrific job in this timely creation of a compilation of articles that appropriately addresses this issue." à "Briefings in Bioinformatics

Book Information

Hardcover: 1096 pages

Publisher: Wiley-Blackwell; 2 edition (March 16, 2009)

Language: English

ISBN-10: 0470181052

ISBN-13: 978-0470181058

Product Dimensions: 7.3 x 1.8 x 10.1 inches

Shipping Weight: 4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ À See all reviewsÂ (2 customer reviews)

Best Sellers Rank: #280,488 in Books (See Top 100 in Books) #66 inÂ Books > Computers &

Technology > Computer Science > Bioinformatics #71 in Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry #201 in Books > Science & Math > Biological Sciences > Biology > Molecular Biology

Customer Reviews

this is a excellent book. Has the most important topic in structural bioinformatic and is very useful for teaching. very recommendable

This book provides an excellent resource for anyone interested in structural biology and/or structural bioinformatics. One of the best structural biology related books I have read. The chapters are well organized and comprehensive, and I highly recommend this book. A+

[Download to continue reading...](#)

Structural Bioinformatics Structural Packaging: Design Your Own Boxes and 3D Forms New Structural Packaging GOLD Masonry Structural Design ASE Test Prep Series -- Collision Repair/Refinish (B3): Non-Structural Analysis and Damage Repair The Nature of the Chemical Bond and the Structure of Molecules and Crystals: An Introduction to Modern Structural Chemistry Structural Elements for Architects and Builders: Design of Columns, Beams, and Tension Elements in Wood, Steel, and Reinforced Concrete, 2nd Edition Biotensegrity: The Structural Basis of Life Manual of Structural Kinesiology Structural Design for the Stage The Causes of Structural Unemployment: Four Factors that Keep People from the Jobs they Deserve (Work & Society) Principles and Practice of Structural Equation Modeling, Fourth Edition (Methodology in the Social Sciences) Beginning Perl for Bioinformatics Building Bioinformatics Solutions: with Perl, R and MySQL Mastering Perl for Bioinformatics Building Bioinformatics Solutions 2nd edition Bioinformatics: The Machine Learning Approach, Second Edition (Adaptive Computation and Machine Learning) Bioinformatics and Functional Genomics Understanding Bioinformatics Bioinformatics and Computational Biology in Drug Discovery and Development

[Dmca](#)