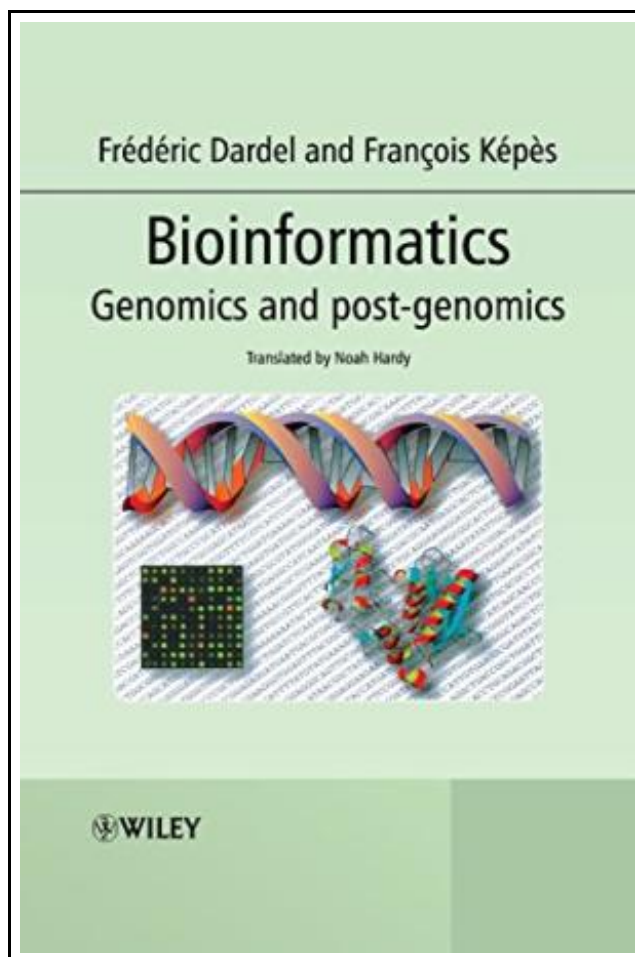


Bioinformatics: Genomics and Post-Genomics



Filesize: 4 MB

Reviews

This type of publication is every thing and helped me seeking ahead and much more. It usually fails to charge too much. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Juliet Mertz)

BIOINFORMATICS: GENOMICS AND POST-GENOMICS



John Wiley and Sons Ltd. Hardback. Book Condition: new. BRAND NEW, Bioinformatics: Genomics and Post-Genomics, Frederic Dardel, Francois Kepes, Noah Hardy, This book is an excellent introductory text describing the use of bioinformatics to analyze genomic and post-genomic data. It has been translated from the original popular French edition, which was based on a course taught at the well-respected Ecole Polytechnique in Palaiseau. This edition has been fully revised and updated by the authors. After a brief introduction to gene structure and sequence determination, it describes the techniques used to identify genes, their protein-coding sequences and regulatory regions. The book discusses the methodology of comparative genomics, using information from different organisms to deduce information about unknown sequences. There is a comprehensive chapter on structure prediction, covering both RNA and protein. Finally, the book describes the complex networks of RNA and protein that exist within the cell and their interactions, ending with a discussion of the simulation approaches that can be used to model these networks. Praise from the reviews: "In context of the new developments the genomic era has brought, Bioinformatics: Genomics and Post-Genomics becomes a fundamental and indispensable resource for undergraduate and early graduate students.insightfully authored.will immensely help students.in establishing important foundations while shaping their careers." NEWSLETTER, BRITISH SOCIETY OF CELL BIOLOGY.



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