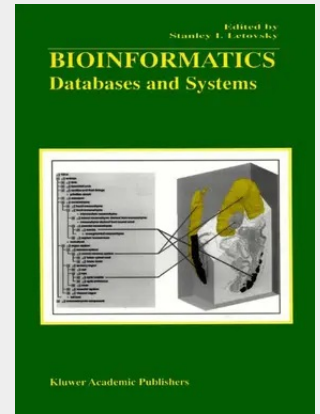


Bioinformatics

Databases and Systems

Bioinformatics brings computational methods to the analysis and processing of genomic data. focuses on the issues of system building and data curation that dominate the day-to-day concerns of bioinformatics practitioners. Included are chapters by many of today's leading bioinformatics practitioners, describing most of the current paradigms of system building and curation, including both their strengths and weaknesses. Biological topics covered include sequence databases, metabolic pathways, phenotypes, variety collections, gene expression atlases and neuroinformatics. Species range from bacteria to mammals to plants. Software systems and technologies covered include OPM, CORBA, SRS, KLEISLI, ACEDB, Web-based integration and laboratory workflow. provides a valuable introduction for newcomers to the field, and a useful reference for veterans.

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213,99 €

199,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781475784053

Medium: Buch

ISBN: 978-1-4757-8405-3

Verlag: Humana

Erscheinungstermin: 28.03.2013

Sprache(n): Englisch

Auflage: Softcover Nachdruck of the original 1. Auflage 1999

Produktform: Kartoniert

Gewicht: 482 g

Seiten: 304

Format (B x H): 155 x 235 mm

