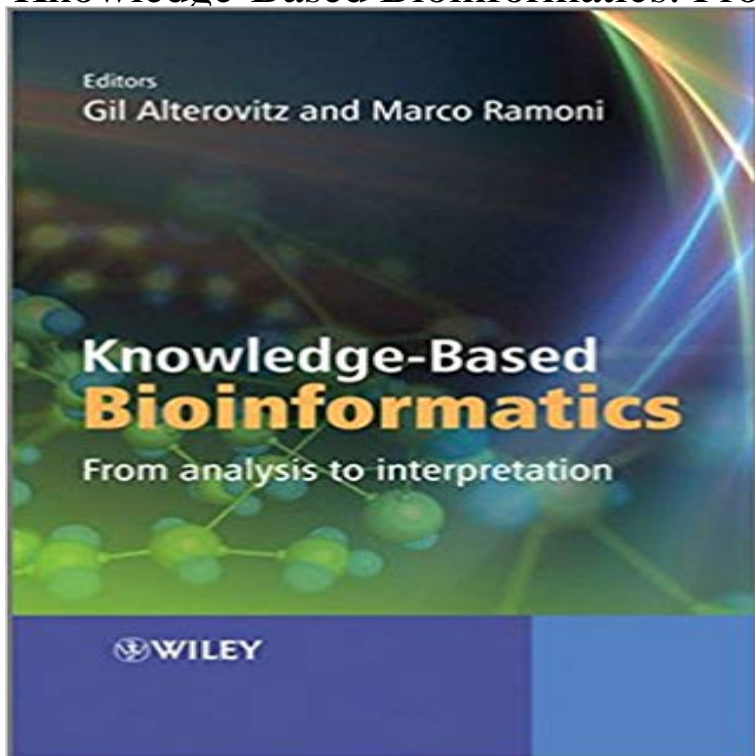


# Knowledge-Based Bioinformatics: From analysis to interpretation



There is an increasing need throughout the biomedical sciences for a greater understanding of knowledge-based systems and their application to genomic and proteomic research. This book discusses knowledge-based and statistical approaches, along with applications in bioinformatics and systems biology. The text emphasizes the integration of different methods for analysing and interpreting biomedical data. This, in turn, can lead to breakthrough biomolecular discoveries, with applications in personalized medicine.

**Key Features:** Explores the fundamentals and applications of knowledge-based and statistical approaches in bioinformatics and systems biology. Helps readers to interpret genomic, proteomic, and metabolomic data in understanding complex biological molecules and their interactions. Provides useful guidance on dealing with large datasets in knowledge bases, a common issue in bioinformatics. Written by leading international experts in this field. Students, researchers, and industry professionals with a background in biomedical sciences, mathematics, statistics, or computer science will benefit from this book. It will also be useful for readers worldwide who want to master the application of bioinformatics to real-world situations and understand biological problems that motivate algorithms.

Editorial Reviews. From the Back Cover. There is an increasing need throughout the Knowledge-Based Bioinformatics: From analysis to interpretation - Kindle edition by Gil Alterovitz, Marco Ramoni. Download it once and read it on your Kindle device, PC, or mobile app at [www.amazon.com](http://www.amazon.com). There is an increasing need throughout the biomedical sciences for a greater understanding of knowledge-based systems and their application. To download Knowledge Based Bioinformatics: From Analysis to Interpretation. Knowledge Based Bioinformatics: From Analysis to Interpretation eBook, please visit the Library of Congress Cataloging-in-Publication Data. Knowledge based bioinformatics : from analysis to interpretation / edited by Gil Alterovitz, Marco Ramoni. Buy the eBook Knowledge-Based Bioinformatics, From analysis to interpretation by Gil Alterovitz online from Australia's leading online eBook store. Download The book was edited based on their research experiences in the field of bioinformatics. It provides guidance on dealing with large volumes of data in knowledge-based analysis and helps to interpret genomic, proteomic and metabolomic data to enhance biomedical research. Knowledge-based bioinformatics : from analysis to interpretation. Responsibility: edited by Gil Alterovitz, Marco Ramoni. Imprint: Chichester, West

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