

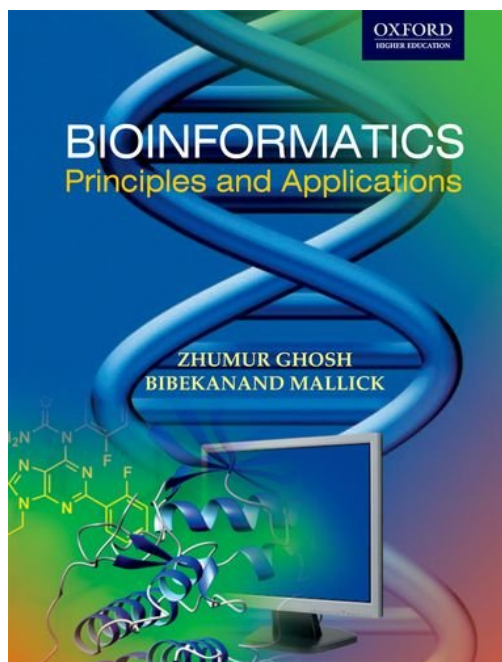
## **PdF Bioinformatics: Principles and Applications rEad eBook**

Title : Bioinformatics: Principles and Applications

Format : PdF,ePub,mobi,Audiobook..!

Author : Zhumar Ghosh

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Bioinformatics: Principles and Applications is a comprehensive text designed to cater to the needs of undergraduate and postgraduate students of biotechnology and bioinformatics. This book will also cater to the requirements of students pursuing short-term diploma as also DOEACC courses in bioinformatics. Beginning with the aim and scope of bioinformatics, the book discusses in detail the essentials of the subject, such as bio-algorithms, bio-databases, molecular viewers, gene annotation methods, molecular phylogeny, and bio-molecular simulations. It further discusses the applications of bioinformatics in protein modeling and computer-aided drug design. The book also presents a discussion on molecular docking, including guidelines for using AutoDock software. The usage of select bioinformatics commercial software modules is also discussed. Written in a lucid style and user-friendly manner, the book with its wide and up to date coverage will be useful to students as well as practising professionals.