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An Introduction to Bioinformatics Algorithms ...

An Introduction to Bioinformatics Algorithms is one of the first books on bioinformatics that can be used by students at an undergraduate level. It includes a dual table of contents, organized by algorithmic idea and biological idea; discussions of biologically relevant problems, including a detailed problem formulation and one or more solutions for each; and brief biographical sketches of leading figures in the field.

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An introduction to bioinformatics algorithms/ by Neil C. Jones and Pavel A. Pevzner. p. cm.-(computational molecular biology series) "A Bradfordbook." Includes bibliographical references and index (p.). ISBN 0-262-10106-8 (hc : alk. paper) 1. Bioinformatics. 2. Algorithms. I. Pevzner, Pavel. II. Title QH324.2.J66 2004 570'.285-dc22 2004048289 CIP

An Introduction to Bioinformatics Algorithms

algorithms for a problem, a most efficient one can be easily identified. Such analysis may indicate more than one viable candidate, but several inferior algorithms are usually discarded in the process. An Introduction to Bioinformatics Algorithms,

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This introductory text offers a clear exposition of the algorithmic principles driving advances in bioinformatics. Accessible to students in both biology and computer science, it strikes a unique balance between rigorous mathematics and practical techniques, emphasizing the ideas underlying algorithms rather than offering a collection of apparently unrelated problems.

bioalgorithms.info - UCSD CSE - Bioinformatics

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An Introduction to Bioinformatics Algorithms ...

This course focuses on algorithms used in Bioinformatics and System Biology. Most of the algorithms are general and can be applied in other fields on multidimensional and noisy data. All the necessary biological terms and concepts useful for the course and the examination will be given in the lectures.

Bioinformatics - University of Cambridge

All the necessary biological terms and concepts useful for the course and the examination will be given in the lectures. The most important software implementing the described algorithms will be demonstrated. Lectures. Introduction to biological data: Bioinformatics as an interesting field in computer science. Computing and storing information ...

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