

1.	Record Nr.	UNINA9910712606303321
	Titolo	Draft recommended practice for measurement of gaseous and particulate emissions from heavy-duty diesel engines under transient conditions
	Pubbl/distr/stampa	Ann Arbor, Mich. : Standards Development and Support Branch, Emission Control Technology Division, Office of Mobile Source Air Pollution Control, Office of Air, Noise and Radiation, U.S. Environmental Protection Agency
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNISALENTO991000223149707536
	Autore	Biblioteca Casanatense
	Titolo	Le cinquecentine ebraiche : catalogo / Ministero per i beni e le attività culturali, Direzione generale per i beni librari e gli istituti culturali, Biblioteca Casanatense ; a cura di Annalisa Di Nola
	Pubbl/distr/stampa	Milano : Aisthesis, c2001
	ISBN	8887361363
	Descrizione fisica	270 p. 28 cm
	Altri autori (Persone)	Di Nola, Annalisa
	Disciplina	018.144
	Soggetti	Edizioni ebraiche - Cataloghi Roma Biblioteca Casanatense Cataloghi
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Include bibliografia e indici

3. Record Nr.	UNINA9910823387503321
Titolo	Bioinformatics algorithms : techniques and applications // edited by Ion I. Mandoiu and Alexander Zelikovsky
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2008
ISBN	9786611237448 9781281237446 1281237442 9780470253441 0470253444 9780470253427 0470253428
Edizione	[1st ed.]
Descrizione fisica	1 online resource (517 p.)
Collana	Wiley series on bioinformatics
Altri autori (Persone)	Mandoiulon ZelikovskyAlexander
Disciplina	572.80285
Soggetti	Bioinformatics Algorithms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	BIOINFORMATICS ALGORITHMS; CONTENTS; Preface; Contributors; 1 Educating Biologists in the 21st Century: Bioinformatics Scientists versus Bioinformatics Technicians; PART I TECHNIQUES; 2 Dynamic Programming Algorithms for Biological Sequence and Structure Comparison; 3 Graph Theoretical Approaches to Delineate Dynamics of Biological Processes; 4 Advances in Hidden Markov Models for Sequence Annotation; 5 Sorting- and FFT-Based Techniques in the Discovery of Biopatterns; 6 A Survey of Seeding for Sequence Alignment; 7 The Comparison of Phylogenetic Networks: Algorithms and Complexity PART II GENOME AND SEQUENCE ANALYSIS8 Formal Models of Gene Clusters; 9 Integer Linear Programming Techniques for Discovering Approximate Gene Clusters; 10 Efficient Combinatorial Algorithms for DNA Sequence Processing; 11 Algorithms for Multiplex PCR Primer Set Selection with Amplification Length Constraints; 12 Recent

Developments in Alignment and Motif Finding for Sequences and Networks; PART III MICROARRAY DESIGN AND DATA ANALYSIS; 13 Algorithms for Oligonucleotide Microarray Layout; 14 Classification Accuracy Based Microarray Missing Value Imputation; 15 Meta-Analysis of Microarray Data  
PART IV GENETIC VARIATION ANALYSIS 16 Phasing Genotypes Using a Hidden Markov Model; 17 Analytical and Algorithmic Methods for Haplotype Frequency Inference: What Do They Tell Us?; 18 Optimization Methods for Genotype Data Analysis in Epidemiological Studies; PART V STRUCTURAL AND SYSTEMS BIOLOGY; 19 Topological Indices in Combinatorial Chemistry; 20 Efficient Algorithms for Structural Recall in Databases; 21 Computational Approaches to Predict Protein-Protein and Domain-Domain Interactions; Index

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## Sommario/riassunto

Presents algorithmic techniques for solving problems in bioinformatics, including applications that shed new light on molecular biology This book introduces algorithmic techniques in bioinformatics, emphasizing their application to solving novel problems in post-genomic molecular biology. Beginning with a thought-provoking discussion on the role of algorithms in twenty-first-century bioinformatics education, Bioinformatics Algorithms covers: General algorithmic techniques, including dynamic programming, graph-theoretical methods, hidden Markov models, the fast Fourier transform, se

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