

1. Record Nr.	UNISA996465846203316
Titolo	Combinatorial Pattern Matching [[electronic resource] ] : 21st Annual Symposium, CPM 2010, New York, NY, USA, June 21-23, 2010, Proceedings, // edited by Amihoud Amir, Laxmi Parida
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-38700-9 9786613564924 3-642-13509-9
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XIII, 362 p. 84 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 6129
Disciplina	006.4015116
Soggetti	Pattern recognition systems Life sciences Computer programming Algorithms Artificial intelligence—Data processing Data mining Automated Pattern Recognition Life Sciences Programming Techniques Data Science Data Mining and Knowledge Discovery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Algorithms for Forest Pattern Matching -- Affine Image Matching Is Uniform -Complete -- Old and New in Stringology -- Small-Space 2D Compressed Dictionary Matching -- Bidirectional Search in a String with Wavelet Trees -- A Minimal Periods Algorithm with Applications -- The Property Suffix Tree with Dynamic Properties -- Approximate All-Pairs Suffix/Prefix Overlaps -- Succinct Dictionary Matching with No Slowdown -- Pseudo-realtime Pattern Matching: Closing the Gap -- Breakpoint Distance and PQ-Trees -- On the Parameterized Complexity

of Some Optimization Problems Related to Multiple-Interval Graphs -- Succinct Representations of Separable Graphs -- Implicit Hitting Set Problems and Multi-genome Alignment -- Bounds on the Minimum Mosaic of Population Sequences under Recombination -- The Highest Expected Reward Decoding for HMMs with Application to Recombination Detection -- Phylogeny- and Parsimony-Based Haplotype Inference with Constraints -- Faster Computation of the Robinson-Foulds Distance between Phylogenetic Networks -- Mod/Resc Parsimony Inference -- Extended Islands of Tractability for Parsimony Haplotyping -- Sampled Longest Common Prefix Array -- Verifying a Parameterized Border Array in  $O(n^{1.5})$  Time -- Cover Array String Reconstruction -- Compression, Indexing, and Retrieval for Massive String Data -- Building the Minimal Automaton of  $A^*X$  in Linear Time, When  $X$  Is of Bounded Cardinality -- A Compact Representation of Nondeterministic (Suffix) Automata for the Bit-Parallel Approach -- Algorithms for Three Versions of the Shortest Common Superstring Problem -- Finding Optimal Alignment and Consensus of Circular Strings -- Optimizing Restriction Site Placement for Synthetic Genomes -- Extension and Faster Implementation of the GRP Transform for Lossless Compression -- Parallel and Distributed Compressed Indexes.

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