1. Record Nr.   UNISA996465273203316

   Titolo   Combinatorial Pattern Matching [[electronic resource]] : 19th Annual
                       Symposium, CPM 2008 Pisa, Italy, June 18-20, 2008, Proceedings / /
                       edited by Paolo Ferragina, Gad M. Landau

   Pubbl/distr/stampa Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer,
                       , 2008

   ISBN   3-540-69068-9

   Edizione   [1st ed. 2008.]

   Descrizione fisica 1 online resource (XIII, 317 p.)

   Collana   Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5029

   Disciplina   006.4

   Soggetti   Pattern recognition systems
                       Life sciences
                       Computer programming
                       Algorithms
                       Natural language processing (Computer science)
                       Data mining
                       Automated Pattern Recognition
                       Life Sciences
                       Programming Techniques
                       Natural Language Processing (NLP)
                       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   Invited Talks -- ReCombinatorics: Combinatorial Algorithms for
                       Studying the History of Recombination in Populations -- Lower Bounds
                       for Succinct Data Structures -- The Changing Face of Web Search --
                       Contributed Papers -- Two-Dimensional Pattern Matching with
                       Combined Scaling and Rotation -- Searching for Gapped Palindromes
                       -- Parameterized Algorithms and Hardness Results for Some Graph
                       Motif Problems -- Finding Largest Well-Predicted Subset of Protein
                       Structure Models -- HP Distance Via Double Cut and Join Distance --
                       Fixed Parameter Tractable Alignment of RNA Structures Including
                       Arbitrary Pseudoknots -- Faster Algorithm for the Set Variant of the
                       String Barcoding Problem -- Probabilistic Arithmetic Automata and

Their Application to Pattern Matching Statistics -- Analysis of the Size of Antidictionary in DCA -- Approximate String Matching with Address Bit Errors -- On-Line Approximate String Matching with Bounded Errors -- A Black Box for Online Approximate Pattern Matching -- An(other) Entropy-Bounded Compressed Suffix Tree -- On Compact Representations of All-Pairs-Shortest-Path-Distance Matrices -- Computing Inverse ST in Linear Complexity -- Dynamic Fully-Compressed Suffix Trees -- A Linear Delay Algorithm for Building Concept Lattices -- Matching Integer Intervals by Minimal Sets of Binary Words with don't cares -- Fast Algorithms for Computing Tree LCS -- Why Greed Works for Shortest Common Superstring Problem -- Constrained LCS: Hardness and Approximation -- Finding Additive Biclusters with Random Background -- An Improved Succinct Representation for Dynamic k-ary Trees -- Towards a Solution to the "Runs" Conjecture -- On the Longest Common Parameterized Subsequence.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 19th Annual Symposium on Combinatorial Pattern Matching, CPM 2008, held in Pisa, Italy, in June 2008. The 25 revised full papers presented together with 3 invited talks were carefully reviewed and selected from 78 submissions. The papers address all areas related to combinatorial pattern matching and its applications, such as coding and data compression, computational biology, data mining, information retrieval, natural language processing, pattern recognition, string algorithms, string processing in databases, symbolic computing and text searching. |