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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.
