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Nota di contenuto	Invited Lectures -- Identifying and Filtering Near-Duplicate Documents -- Machine Learning for Efficient Natural-Language Processing -- Browsing around a Digital Library: Today and Tomorrow -- Summer School Lectures -- Algorithmic Aspects of Speech Recognition: A Synopsis -- Some Results on Flexible-Pattern Discovery -- Contributed Papers -- Explaining and Controlling Ambiguity in Dynamic Programming -- A Dynamic Edit Distance Table -- Parametric Multiple Sequence Alignment and Phylogeny Construction -- Tsukuba BB: A Branch and Bound Algorithm for Local Multiple Sequence Alignment -- A Polynomial Time Approximation Scheme for the Closest Substring

Problem -- Approximation Algorithms for Hamming Clustering Problems -- Approximating the Maximum Isomorphic Agreement Subtree Is Hard -- A Faster and Unifying Algorithm for Comparing Trees -- Incomplete Directed Perfect Phylogeny -- The Longest Common Subsequence Problem for Arc-Annotated Sequences -- Boyer—Moore String Matching over Ziv-Lempel Compressed Text -- A Boyer—Moore Type Algorithm for Compressed Pattern Matching -- Approximate String Matching over Ziv—Lempel Compressed Text -- Improving Static Compression Schemes by Alphabet Extension -- Genome Rearrangement by Reversals and Insertions/Deletions of Contiguous Segments -- A Lower Bound for the Breakpoint Phylogeny Problem -- Structural Properties and Tractability Results for Linear Synteny -- Shift Error Detection in Standardized Exams -- An Upper Bound for Number of Contacts in the HP-Model on the Face-Centered-Cubic Lattice (FCC) -- The Combinatorial Partitioning Method -- Compact Suffix Array -- Linear Bidirectional On-Line Construction of Affix Trees -- Using Suffix Trees for Gapped Motif Discovery -- Indexing Text with Approximate q-Grams -- Simple Optimal String Matching Algorithm -- Exact and Efficient Computation of the Expected Number of Missing and Common Words in Random Texts -- Periods and Quasiperiods Characterization -- Finding Maximal Quasiperiodicities in Strings -- On the Complexity of Determining the Period of a String.