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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Lectures -- Selecting Problems for Algorithm Evaluation -- BSP Algorithms — "Write Once, Run Anywhere" -- Ten Years of LEDA: Some Thoughts -- Contributed Papers -- Computing the K Shortest Paths: A New Algorithm and an Experimental Comparison -- Efficient Implementation of Lazy Suffix Trees -- Experiments with List Ranking for Explicit Multi-Threaded (XMT) Instruction Parallelism -- Finding Minimum Congestion Spanning Trees -- Evaluation of an Algorithm for the Transversal Hypergraph Problem -- Construction Heuristics and Domination Analysis for the Asymmetric TSP -- Counting in Mobile Networks: Theory and Experimentation -- Dijkstra's Algorithm On-Line: An Empirical Case Study from Public Railroad Transport -- Implementation and Experimental Evaluation of Graph Connectivity Algorithms Using LEDA -- On-Line Zone Construction in Arrangements of Lines in the Plane -- The Design and Implementation of Planar Maps in CGAL -- An Easy to Use Implementation of Linear Perturbations within Cupgal -- Analysing Cache Effects in Distribution Sorting -- Fast Regular Expression Search -- An Experimental Evaluation of Hybrid Data Structures for Searching -- LEDA-SM: Extending LEDA to Secondary Memory -- A Priority Queue Transform -- Implementation

Issues and Experimental Study of a Wavelength Routing Algorithm for Irregular All-Optical Networks -- Estimating Large Distances in Phylogenetic Reconstruction -- The Performance of Concurrent Red-Black Tree Algorithms -- Performance Engineering Case Study: Heap Construction -- A Fast and Simple Local Search for Graph Coloring -- BALL: Biochemical Algorithms Library -- An Experimental Study of Priority Queues in External Memory.

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