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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Invited Talk -- The Engineering of Some Bipartite Matching Programs -- Session 1(a) - Data Structure I -- General Splay: A Basic Theory and Calculus -- Static Dictionaries Supporting Rank -- Session 1(b) - Parallel & Distributed Computing I -- Multiple Spin-Block Decisions -- Asynchronous Random Polling Dynamic Load Balancing -- Session 2(a) - Approximate Algorithm I -- Simple Approximation Algorithms for MAXNAESP and Hypergraph 2-colorability -- Hardness of Approximating Independent Domination in Circle Graphs -- Constant-Factor Approximation Algorithms for Domination Problems on Circle Graphs -- Session 2(b) - Computational Intelligence -- Ordered Binary Decision Diagrams as Knowledge-Bases -- Hard Tasks for Weak Robots: The Role of Common Knowledge in Pattern Formation by Autonomous Mobile Robots -- Session 3(a) - Online Algorithm -- On-Line Load Balancing of Temporary Tasks Revisited -- Online Routing in Triangulations -- Session 3(b) - Complexity Theory I -- The Query Complexity of Program Checking by Constant-Depth Circuits -- Tree-Like Resolution Is Superpolynomially Slower Than DAG-Like Resolution for the Pigeonhole Principle -- Session 4(a) - Approximate Algorithm II -- Efficient Approximation Algorithms for Multi-label Map Labeling -- Approximation Algorithms in Batch Processing -- Session 4(b) - Graph

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Parallel Algorithms for Shortest Paths and Related Problems on  
Trapezoid Graphs -- Invited Talk -- Approximation Algorithms for  
Some Clustering and Classification Problems -- Session 5(a) -  
Computational Geometry I -- How Many People Can Hide in a Terrain?  
-- Carrying Umbrellas: An Online Relocation Problem on Graphs --  
Session 5(b) - Parallel & Distributed Computing II -- Survivable  
Networks with Bounded Delay: The Edge Failure Case -- Energy-  
Efficient Initialization Protocols for Ad-hoc Radio Networks -- Session  
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Large Alphabet -- An  $O(1)$  Time Algorithm for Generating Multiset  
Permutations -- Session 6(b) - Complexity Theory II -- Upper Bounds  
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(b) - Algorithms in Practice -- Performance Comparison of Linear Sieve  
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-- External Memory Algorithms for Outerplanar Graphs -- Session 8(a)  
- Approximate Algorithm III -- A New Approximation Algorithm for the  
Capacitated Vehicle Routing Problem on a Tree -- Approximation  
Algorithms for Channel Assignment with Constraints -- Session 8(b) -  
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Faster Algorithm for Finding Disjoint Paths in Grids -- Session 10(a) -  
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Partitions of Points -- Convexifying Monotone Polygons -- Session 10  
(b) - Graph Algorithm III -- Bisecting Two Subsets in 3-Connected  
Graphs -- Generalized Maximum Independent Sets for Trees in  
Subquadratic Time.

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