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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Invited Talk 1 -- Chain Reconfiguration The Ins and Outs, Ups and Downs of Moving Polygons and Polygonal Linkages -- Combinatorial Generation and Optimization (I) -- Application of M-Convex Submodular Flow Problem to Mathematical Economics -- A Polynomial Time Approximation Scheme for Minimizing Total Completion Time of Unbounded Batch Scheduling -- A Polynomial Time Approximation Scheme for the Multi-vehicle Scheduling Problem on a Path with Release and Handling Times -- Semi-normal Schedulings: Improvement on Goemans' Algorithm -- Parallel and Distributed Algorithms (I) -- Balanced Scheduling toward Loss-Free Packet Queuing and Delay

Fairness -- Broadcasting with Universal Lists Revisited: Using Competitive Analysis -- On Adaptive Fault Diagnosis for Multiprocessor Systems -- On-Line Multicasting in All-Optical Networks -- Graph Drawing and Algorithms (I) -- Enumerating Floorplans with n Rooms -- On Min-Max Cycle Bases -- On the Minimum Local-Vertex-Connectivity Augmentation in Graphs -- Counting Graph Isomorphisms among Chordal Graphs with Restricted Clique Number -- Computational Geometry (I) -- Quantum Algorithms for Intersection and Proximity Problems -- BUSHWHACK: An Approximation Algorithm for Minimal Paths through Pseudo-Euclidean Spaces -- Approximation of Minimum Triangulation for Polyhedron with Bounded Degrees -- Tree-Approximations for the Weighted Cost-Distance Problem -- Computational Complexity and Cryptology -- Necessary and Sufficient Numbers of Cards for Sharing Secret Keys on Hierarchical Groups -- Generic Algorithms and Key Agreement Protocols Based on Group Actions -- Baire Category and Nowhere Differentiability for Feasible Real Functions -- Translation among CNFs, Characteristic Models and Ordered Binary Decision Diagrams -- Automata and Formal Languages -- On Removing the Pushdown Stack in Reachability Constructions -- A New Recognition Algorithm for Extended Regular Expressions -- Polynomial-Time Algorithms for the Equivalence for One-Way Quantum Finite Automata -- An Index for the Data Size to Extract Decomposable Structures in LAD -- Invited Talk 2 -- Parameterized Complexity: The Main Ideas and Some Research Frontiers -- Graph Drawing and Algorithms (II) -- Tight Bounds on Maximal and Maximum Matchings -- Recognition and Orientation Algorithms for P_4 -Comparability Graphs -- Efficient Algorithms for k -Terminal Cuts on Planar Graphs -- Polynomial Time Algorithms for Edge-Connectivity Augmentation of Hamiltonian Paths -- Combinatorial Generation and Optimization (II) -- Algorithms for Pattern Involvement in Permutations -- A Fast Algorithm for Enumerating Bipartite Perfect Matchings -- On-Line Scheduling a Batch Processing System to Minimize Total Weighted Job Completion Time -- On the Complexity of Train Assignment Problems -- Computational Biology and String Matching (I) -- A Combinatorial Toolbox for Protein Sequence Design and Landscape Analysis in the Grand Canonical Model -- Complexity of Comparing Hidden Markov Models -- DNA Self-Assembly For Constructing 3D Boxes -- Exact Solutions for Closest String and Related Problems -- Computational Geometry (II) -- Topological Peeling and Implementation -- Image Segmentation with Monotonicity and Smoothness Constraints -- Optimization Algorithms for Sweeping a Polygonal Region with Mobile Guards -- Approximation of a Geometric Set Covering Problem -- Invited Talk 3 -- Shortest Path Algorithms: Engineering Aspects -- Graph Drawing and Algorithms (III) -- Efficient Algorithms for Weighted Colorings of Series-Parallel Graphs -- Go with the Winners Algorithms for Cliques in Random Graphs -- Complexity of Partial Covers of Graphs -- On Game-Theoretic Models of Networks -- Parallel and Distributed Algorithms (II) -- The Complexity of Some Basic Problems for Dynamic Process Graphs -- Delay Optimizations in Quorum Consensus -- Randomized Shared Queues Applied to Distributed Optimization Algorithms -- Multiprocess Time Queue -- Computational Geometry (III) -- Labeling Points with Weights -- Small Convex Quadrangulations of Point Sets -- How to Color a Checkerboard with a Given Distribution — Matrix Rounding Achieving Low 2×2 -Discrepancy -- Labeling Subway Lines -- Randomized and Approximation Algorithms -- Complexity Study on Two Clustering Problems -- A Modified Greedy Algorithm for the Set Cover Problem with Weights 1 and 2 -- A Unified Framework for Approximating

Multiway Partition Problems -- On-Line Algorithms for Cardinality
Constrained Bin Packing Problems -- Computational Biology and String
Matching (II) -- Suffix Vector: A Space-Efficient Suffix Tree
Representation -- Fragmentary Pattern Matching: Complexity,
Algorithms and Applications for Analyzing Classic Literary Works --
Computing the Quartet Distance between Evolutionary Trees in Time O
($n \log^2 n$) -- Algorithms and Data Structures -- The Cent-dian Path
Problem on Tree Networks -- Approximate Hotlink Assignment --
Efficient Algorithms for Two Generalized 2-Median Problems on Trees.
