Record Nr.	UNISA996466014303316
Titolo	Algorithms and Computation [[electronic resource]]: 21st International Symposium, ISAAC 2010, Jeju Island, Korea, December 15-17, 2010, Proceedings, Part II / / edited by Otfried Cheong, Kyung-Yong Chwa, Kunsoo Park
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-39061-1 9786613568533 3-642-17514-7
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XVIII, 474 p. 96 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 6507
Disciplina	005.11
Soggetti	Computer programming Algorithms Computer science—Mathematics Discrete mathematics Computer networks Computer graphics Artificial intelligence—Data processing Programming Techniques Discrete Mathematics in Computer Science Computer Communication Networks Computer Graphics Data Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Session 6A. Data Structure and Algorithm II D2-Tree: A New Overlay with Deterministic Bounds Efficient Indexes for the Positional Pattern Matching Problem and Two Related Problems over Small Alphabets Dynamic Range Reporting in External Memory A Cache-Oblivious Implicit Dictionary with the Working Set Property Session 6B. Graph Algorithm II The (p,q)-total Labeling Problem for Trees Drawing a

Tree as a Minimum Spanning Tree Approximation -- k-cyclic Orientations of Graphs -- Improved Bounds on the Planar Branchwidth with Respect to the Largest Grid Minor Size -- Session 7A. Computational Geometry II -- Maximum Overlap of Convex Polytopes under Translation -- Approximate Shortest Homotopic Paths in Weighted Regions -- Spanning Ratio and Maximum Detour of Rectilinear Paths in the L 1 Plane -- Session 7B. Graph Coloring II --Approximation and Hardness Results for the Maximum Edge g-coloring Problem -- 3-Colouring AT-Free Graphs in Polynomial Time -- On Coloring Graphs without Induced Forests -- Session 8A. Approximation Algorithm II -- On the Approximability of the Maximum Interval Constrained Coloring Problem -- Approximability of Constrained LCS -- Approximation Algorithms for the Multi-Vehicle Scheduling Problem -- On Greedy Algorithms for Decision Trees -- Session 8B. Online Algorithm -- Single and Multiple Device DSA Problem, Complexities and Online Algorithms -- The Onion Diagram: A Voronoi-Like Tessellation of a Planar Line Space and Its Applications -- Improved Online Algorithms for 1-Space Bounded 2-Dimensional Bin Packing --On the Continuous CNN Problem -- Session 9A. Scheduling -- Policies for Periodic Packet Routing -- Increasing Speed Scheduling and Flow Scheduling -- A Tighter Analysis of Work Stealing -- Approximating the Traveling Tournament Problem with Maximum Tour Length 2 --Session 9B. Data Structure and Algorithm III -- Alphabet Partitioning for Compressed Rank/Select and Applications -- Entropy-Bounded Representation of Point Grids -- Identifying Approximate Palindromes in Run-Length Encoded Strings -- Session 10A. Graph Algorithm III --Minimum Cost Partitions of Trees with Supply and Demand --Computing the (t,k)-Diagnosability of Component-Composition Graphs and Its Application -- Why Depth-First Search Efficiently Identifies Two and Three-Connected Graphs -- Beyond Good Shapes: Diffusion-Based Graph Partitioning Is Relaxed Cut Optimization -- Induced Subgraph Isomorphism on Interval and Proper Interval Graphs -- Session 10B. Computational Geometry III -- Testing Simultaneous Planarity When the Common Graph Is 2-Connected -- Computing the Discrete Fréchet Distance with Imprecise Input -- Connectivity Graphs of Uncertainty Regions -- ?/2-Angle Yao Graphs Are Spanners -- Identifying Shapes Using Self-assembly.