

1. Record Nr.	UNINA9910768465703321
Titolo	Experimental and efficient algorithms : 4th International Workshop, WEA 2005, Santorini Island, Greece, May 10-13, 2005 : proceedings // Sotiris E. Nikolettseas (ed.)
Pubbl/distr/stampa	Berlin ; ; New York, : Springer, c2005
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (XVI, 628 p.)
Collana	Lecture notes in computer science, , 0302-9743 ; ; 3503
Altri autori (Persone)	NikolettseasSotiris
Disciplina	005.1
Soggetti	Computer algorithms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Invited Talks -- T? ??? ?í ? ??í?? ? The Interaction Between Algorithms and Game Theory -- Using an Adaptive Memory Strategy to Improve a Multistart Heuristic for Sequencing by Hybridization -- High-Performance Algorithm Engineering for Large-Scale Graph Problems and Computational Biology -- Contributed Regular Papers -- The "Real" Approximation Factor of the MST Heuristic for the Minimum Energy Broadcasting -- Implementing Minimum Cycle Basis Algorithms -- Rounding to an Integral Program -- Rectangle Covers Revisited Computationally -- Don't Compare Averages -- Experimental Results for Stackelberg Scheduling Strategies -- An Improved Branch-and-Bound Algorithm for the Test Cover Problem -- Degree-Based Treewidth Lower Bounds -- Inferring AS Relationships: Dead End or Lively Beginning? -- Acceleration of Shortest Path and Constrained Shortest Path Computation -- A General Buffer Scheme for the Windows Scheduling Problem -- Implementation of Approximation Algorithms for the Multicast Congestion Problem -- Frequency Assignment and Multicoloring Powers of Square and Triangular Meshes -- From Static Code Distribution to More Shrinkage for the Multiterminal Cut -- Partitioning Graphs to Speed Up Dijkstra's Algorithm -- Efficient Convergence to Pure Nash Equilibria in Weighted Network Congestion Games -- New Upper Bound Heuristics for Treewidth -- Accelerating Vickrey Payment Computation in Combinatorial Auctions for an Airline Alliance -- Algorithm Engineering for Optimal Graph Bipartization --

Empirical Analysis of the Connectivity Threshold of Mobile Agents on the Grid -- Multiple-Winners Randomized Tournaments with Consensus for Optimization Problems in Generic Metric Spaces -- On Symbolic Scheduling Independent Tasks with Restricted Execution Times -- A Simple Randomized k-Local Election Algorithm for Local Computations -- Generating and Radiocoloring Families of Perfect Graphs -- Efficient Implementation of Rank and Select Functions for Succinct Representation -- Comparative Experiments with GRASP and Constraint Programming for the Oil Well Drilling Problem -- A Framework for Probabilistic Numerical Evaluation of Sensor Networks: A Case Study of a Localization Protocol -- A Cut-Based Heuristic to Produce Almost Feasible Periodic Railway Timetables -- GRASP with Path-Relinking for the Weighted Maximum Satisfiability Problem -- New Bit-Parallel Indel-Distance Algorithm -- Dynamic Application Placement Under Service and Memory Constraints -- Integrating Coordinated Checkpointing and Recovery Mechanisms into DSM Synchronization Barriers -- Synchronization Fault Cryptanalysis for Breaking A5/1 -- An Efficient Algorithm for ϵ -Approximate Matching with ϵ -Bounded Gaps in Musical Sequences -- The Necessity of Timekeeping in Adversarial Queueing -- BDDs in a Branch and Cut Framework -- Parallel Smith-Waterman Algorithm for Local DNA Comparison in a Cluster of Workstations -- Fast Algorithms for Weighted Bipartite Matching -- A Practical Minimal Perfect Hashing Method -- Efficient and Experimental Meta-heuristics for MAX-SAT Problems -- Experimental Evaluation of the Greedy and Random Algorithms for Finding Independent Sets in Random Graphs -- Local Clustering of Large Graphs by Approximate Fiedler Vectors -- Almost FPRAS for Lattice Models of Protein Folding -- Vertex Cover Approximations: Experiments and Observations -- GRASP with Path-Relinking for the Maximum Diversity Problem -- How to Splay for $\log\log N$ -Competitiveness -- Distilling Router Data Analysis for Faster and Simpler Dynamic IP Lookup Algorithms -- Contributed Short Papers -- Optimal Competitive Online Ray Search with an Error-Prone Robot -- An Empirical Study for Inversions-Sensitive Sorting Algorithms -- Approximation Algorithm for Chromatic Index and Edge-Coloring of Multigraphs -- Finding, Counting and Listing All Triangles in Large Graphs, an Experimental Study -- Selecting the Roots of a Small System of Polynomial Equations by Tolerance Based Matching -- Developing Novel Statistical Bandwidths for Communication Networks with Incomplete Information -- Dynamic Quality of Service Support in Virtual Private Networks.
