

《Computing and Combin》

图书基本信息

书名：《Computing and Combinatorics 计算和组合》

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内容概要

The refereed proceedings of the 11th Annual International Computing and Combinatorics Conference, COCOON 2005, held in Kunming, China in August 2005. The 96 revised full papers presented together with abstracts of 3 invited talks were carefully reviewed and selected from 353 submissions. The papers cover most aspects of theoretical computer science and combinatorics related to computing and are organized in topical sections on bioinformatics, networks, string algorithms, scheduling, complexity, steiner trees, graph drawing and layout design, quantum computing, randomized algorithms, geometry, codes, finance, facility location, graph theory, graph algorithms

书籍目录

Invited Lectures Completeness for Parity Problems Monotony and Surprise Smoothed Analysis of Algorithms and Heuristics Bioinformatics Gene Network: Model, Dynamics and Simulation Conserved Interval Distance Computation Between Non-trivial Genomes RNA Multiple Structural Alignment with Longest Common Subsequences Perfect Sorting by Reversals Genome Rearrangements with Partially Ordered Chromosomes Quartet-Based Phylogeny Reconstruction from Gene Orders Algorithmic and Complexity Issues of Three Clustering Methods in Microarray Data Analysis RIATA-HGT: A Fast and Accurate Heuristic for Reconstructing Horizontal Gene Transfer A New Pseudoknots Foldin~ Algorithm for RNA Structure Prediction Rapid Homology Search with Two-Stage Extension and Daughter Seeds On the Approximation of Computing Evolutionary Trees Networks Theoretically Good Distributed CDMA/OVSF Code Assignment for Wireless Ad Hoc Networks Improved Approximation Algorithms for the Capacitated Multicast Routing Problem Construction of Scale-Free Networks with Partial Information Radio Networks with Reliable Communication Geometric Network Design with Selfish Agents Bicriteria Network Design via Iterative Rounding Interference in Cellular Networks: The Minimum Membership Set Cover Problem Routing and Coloring for Maximal Number of Trees Share the Multicast Payment Fairly On Packing and Coloring Hyperedges in a Cycle Fault-Tolerant Relay Node Placement in Wireless Sensor Networks String Algorithms Best Fitting Fixed-Length Substring Patterns for a Set of Strings String Coding of Trees with Locality and Heritability Scheduling Complexity Steiner Trees Graph Drawing and Layout Design Quantum Computing Randomize Algorithms Geometry Codes Finance Facility Location Graph Theory Graph Algorithms Others Author Index

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