1. Record Nr. UNISA996466108203316

Titolo	Randomization and approximation techniques in computer science : second international workshop RANDOM '98, Barcelona, Spain, October 8-10, 1998 : proceedings / / Michael Luby, Josel Rolim, Maria Serna (editors)
Pubbl/distr/stampa	Berlin ; ; Heidelberg : , : Springer, , [1998] Â©1998
ISBN	3-540-49543-6
Edizione	[1st ed. 1998.]
Descrizione fisica	1 online resource (IX, 385 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1518
Disciplina	004.015114
Soggetti	Computer science - Statistical methods
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	Invited Paper -- Disjoint Paths in Expander Graphs via Random Walks: a Short Survey -- Regular Papers -- A Derandomization Using Min-Wise Independent Permutations -- An Algorithmic Embedding of Graphs via Perfect Matchings -- Deterministic Hypergraph Coloring and Its Applications -- On the Derandomization of Space-Bounded Computations -- Talagrand's Inequality and Locality in Distributed Computing -- On-line Bin-Stretching -- Combinatorial Linear Programming: Geometry Can Help -- A Note on Bounding the Mixing Time by Linear Programming -- Robotic Exploration, Brownian Motion and Electrical Resistance -- Fringe analysis of synchronized parallel algorithms on 2–3 trees -- On Balls and Bins with Deletions -- "Balls into Bins" — A Simple and Tight Analysis -- Invited Paper -- Tornado Codes: Practical Erasure Codes Based on Random Irregular Graphs -- Regular Papers -- Using Approximation Hardness to Achieve Dependable Computation -- Complexity of Sequential Pattern Matching Algorithms -- A Random Server Model for Private Information Retrieval -- Almost Optimal (on the average) Combinatorial Algorithms for Boolean Matrix Product Witnesses, Computing the Diameter (Extended Abstract) -- Randomized Lower Bounds for Online Path Coloring -- Parallel Random Search and Tabu Search for the Minimal Consistent Subset Selection Problem -- On Various Cooling Schedules for

Simulated Annealing Applied to the Job Shop Problem -- A High Performance Approximate Algorithm for the Steiner Problem in Graphs -- Invited Paper -- Random Geometric Problems on [0, 1]2 -- Regular Papers -- A Role of Constraint in Self-Organization -- Constructive Bounds and Exact Expectations for the Random Assignment Problem -- The “Burnside Process” Converges Slowly -- Quicksort Again Revisited -- Sampling Methods Applied to Dense Instances of Non-Boolean Optimization Problems -- Second-Order Methods for Distributed Approximate Single- and Multicommodity Flow.