

1. Record Nr.	UNISA996465570103316
Titolo	Randomization and Approximation Techniques in Computer Science [[electronic resource] ] : 6th International Workshop, RANDOM 2002, Cambridge, MA, USA, September 13-15, 2002, Proceedings // edited by Jose D.P. Rolim, Salil Vadhan
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2002
ISBN	3-540-45726-7
Edizione	[1st ed. 2002.]
Descrizione fisica	1 online resource (VIII, 284 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2483
Disciplina	004/.07/27
Soggetti	Computer programming Computer science—Mathematics Algorithms Numerical analysis Programming Techniques Mathematics of Computing Algorithm Analysis and Problem Complexity Numeric Computing Discrete Mathematics in Computer 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	Counting Distinct Elements in a Data Stream -- On Testing Convexity and Submodularity -- $\epsilon$ -Regular Languages Are Testable with a Constant Number of Queries -- Optimal Lower Bounds for 2-Query Locally Decodable Linear Codes -- Counting and Sampling H- Colourings -- Rapidly Mixing Markov Chains for Dismantleable Constraint Graphs -- On the 2-Colorability of Random Hypergraphs -- Percolation on Finite Cayley Graphs -- Computing Graph Properties by Randomized Subcube Partitions -- Bisection of Random Cubic Graphs -- Small k-Dominating Sets of Regular Graphs -- Finding Sparse Induced Subgraphs of Semirandom Graphs -- Mixing in Time and Space for Lattice Spin Systems: A Combinatorial View -- Quantum Walks on the Hypercube -- Randomness-Optimal Characterization of

Two NP Proof Systems -- A Probabilistic-Time Hierarchy Theorem for  
"Slightly Non-uniform" Algorithms -- Derandomization That Is Rarely  
Wrong from Short Advice That Is Typically Good -- Is Constraint  
Satisfaction Over Two Variables Always Easy? -- Dimensionality  
Reductions That Preserve Volumes and Distance to Affine Spaces, and  
Their Algorithmic Applications -- On the Eigenvalue Power Law --  
Classifying Special Interest Groups in Web Graphs.

---