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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Counting Distinct Elements in a Data Stream -- On Testing Convexity and Submodularity -- ϵ -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.
