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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contributed Talks of APPROX -- Approximation Algorithms and Hardness Results for Packing Element-Disjoint Steiner Trees in Planar Graphs -- Adaptive Sampling for k-Means Clustering -- Approximations for Aligned Coloring and Spillage Minimization in

Interval and Chordal Graphs -- Unsplittable Flow in Paths and Trees and Column-Restricted Packing Integer Programs -- Truthful Mechanisms via Greedy Iterative Packing -- Resource Minimization Job Scheduling -- The Power of Preemption on Unrelated Machines and Applications to Scheduling Orders -- New Hardness Results for Diophantine Approximation -- PASS Approximation -- Optimal Sherali-Adams Gaps from Pairwise Independence -- An Approximation Scheme for Terrain Guarding -- Scheduling with Outliers -- Improved Inapproximability Results for Maximum k-Colorable Subgraph -- Improved Absolute Approximation Ratios for Two-Dimensional Packing Problems -- On the Optimality of Gluing over Scales -- On Hardness of Pricing Items for Single-Minded Bidders -- Real-Time Message Routing and Scheduling -- Approximating Some Network Design Problems with Node Costs -- Submodular Maximization over Multiple Matroids via Generalized Exchange Properties -- Robust Algorithms for on Minor-Free Graphs Based on the Sherali-Adams Hierarchy -- Minimizing Average Shortest Path Distances via Shortcut Edge Addition -- Approximating Node-Connectivity Augmentation Problems -- A  $7/9$  - Approximation Algorithm for the Maximum Traveling Salesman Problem -- Approximation Algorithms for Domatic Partitions of Unit Disk Graphs -- On the Complexity of the Asymmetric VPN Problem -- Contributed Talks of RANDOM -- Deterministic Approximation Algorithms for the Nearest Codeword Problem -- Strong Parallel Repetition Theorem for Free Projection Games -- Random Low Degree Polynomials are Hard to Approximate -- Composition of Semi-LTCs by Two-Wise Tensor Products -- On the Security of Goldreich's One-Way Function -- Random Tensors and Planted Cliques -- Sampling s-Concave Functions: The Limit of Convexity Based Isoperimetry -- Average-Case Analyses of Vickrey Costs -- A Hypergraph Dictatorship Test with Perfect Completeness -- Extractors Using Hardness Amplification -- How Well Do Random Walks Parallelize? -- An Analysis of Random-Walk Cuckoo Hashing -- Hierarchy Theorems for Property Testing -- Algorithmic Aspects of Property Testing in the Dense Graphs Model -- Succinct Representation of Codes with Applications to Testing -- Efficient Quantum Tensor Product Expanders and k-Designs -- Hellinger Strikes Back: A Note on the Multi-party Information Complexity of AND -- Pseudorandom Generators and Typically-Correct Derandomization -- Baum's Algorithm Learns Intersections of Halfspaces with Respect to Log-Concave Distributions -- Tolerant Linearity Testing and Locally Testable Codes -- Pseudorandom Bit Generators That Fool Modular Sums -- The Glauber Dynamics for Colourings of Bounded Degree Trees -- Testing  $\pm 1$ -weight halfspace -- Small-Bias Spaces for Group Products -- Small Clique Detection and Approximate Nash Equilibria -- Testing Computability by Width Two OBDDs -- Improved Polynomial Identity Testing for Read-Once Formulas -- Smooth Analysis of the Condition Number and the Least Singular Value.

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