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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Session Random 1 -- Completeness and Robustness Properties of Min-Wise Independent Permutations -- Low Discrepancy Sets Yield Approximate Min-Wise Independent Permutation Families -- Session Approx 1 -- Independent Sets in Hypergraphs with Applications to Routing Via Fixed Paths -- Approximating Minimum Manhattan Networks -- Approximation of Multi-Color Discrepancy -- A Polynomial Time Approximation Scheme for the Multiple Knapsack Problem -- Session Approx 2 -- Set Cover with Requirements and Costs Evolving over Time -- Multicoloring Planar Graphs and Partial k-Trees -- Session: Random 2 -- Testing the Diameter of Graphs -- Improved Testing Algorithms for Monotonicity -- Linear Consistency Testing -- Improved Bounds for Sampling Contingency Tables -- Invited Talk -- Probabilistic and Deterministic Approximations of the Permanent -- Session Random 3 -- Improved Derandomization of BPP Using a Hitting Set Generator -- Probabilistic Construction of Small Strongly Sum-Free Sets via Large Sidon Sets -- Session Approx 3 --

Stochastic Machine Scheduling: Performance Guarantees for LP-Based
Priority Policies -- Efficient Redundant Assignments under Fault-
Tolerance Constraints -- Scheduling with Machine Cost -- A Linear
Time Approximation Scheme for the Job Shop Scheduling Problem --
Invited Talk -- Randomized Rounding for Semidefinite Programs --
Variations on the MAX CUT Example -- Session Approx 4 -- Hardness
Results for the Power Range Assignment Problem in Packet Radio
Networks -- A New Approximation Algorithm for the Demand Routing
and Slotting Problem with Unit Demands on Rings -- Session Random 4
-- Algorithms for Graph Partitioning on the Planted Partition Model --
A Randomized Time-Work Optimal Parallel Algorithm for Finding a
Minimum Spanning Forest -- Fast Approximate PCPs for
Multidimensional Bin-Packing Problems -- Pfaffian Algorithms for
Sampling Routings on Regions with Free Boundary Conditions --
Minisymposium on Scheduling Talks -- Scheduling with Unexpected
Machine Breakdowns -- Scheduling on a Constant Number of Machines.
