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by Lift and Project -- A Class of Hard Small 0—1 Programs -- Network Flows -- Building Chain and Cactus Representations of All Minimum Cuts from Hao-Orlin in the Same Asymptotic Run Time -- Simple Generalized Maximum Flow Algorithms -- The Pseudoflow Algorithm and the Pseudoflow-Based Simplex for the Maximum Flow Problem -- An Implementation of a Combinatorial Approximation Algorithm for Minimum-Cost Multicommodity Flow -- Scheduling -- Non-approximability Results for Scheduling Problems with Minsum Criteria -- Approximation Bounds for a General Class of Precedence Constrained Parallel Machine Scheduling Problems -- An Efficient Approximation Algorithm for Minimizing Makespan on Uniformly Related Machines -- On the Relationship Between Combinatorial and LP-Based Approaches to NP-Hard Scheduling Problems -- Quadratic Assignment Problems -- Polyhedral Combinatorics of Quadratic Assignment Problems with Less Objects than Locations -- Incorporating Inequality Constraints in the Spectral Bundle Method.