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Nota di contenuto	Intro -- Preface -- Organization -- Plenary Lectures -- Graphical Designs -- Advances in Approximation Algorithms for Tree Augmentation -- Algorithmic Data Science -- Recent Algorithmic Advances for Maximum-Entropy Sampling -- Contents -- Polyhedra and Algorithms -- New Classes of Facets for Complementarity Knapsack Problems -- 1 Introduction -- 2 Notations, Assumptions, and Previous Work -- 3 Separation Complexity of Lifted Cover Inequalities for CKP -- 4 New Families of Facet-Defining Inequalities -- 5 Future Direction -- References -- Branch-and-Cut for a 2-Commodity Flow Relocation Model with Time Constraints -- 1 Introduction -- 2 A TEN Model for the Item Relocation Problem -- 3 The Projected IRP Model -- 3.1 Extended Subtour Constraints and Projected Cost -- 3.2 Separating the Extended Subtour Constraints -- 4 Algorithmic Handling and Numerical Experiments -- 4.1 Separation Algorithm -- 4.2 Numerical Experiments -- 5 Conclusion: A Brief Discussion of the Lift Issue -- References -- The Constrained-Routing and Spectrum Assignment Problem: Valid Inequalities and Branch-and-Cut Algorithm -- 1 Introduction -- 2 The Constrained-Routing and Spectrum Assignment Problem -- 3 Integer Linear Programming Formulation -- 4 Valid Inequalities and Facets -- 4.1 Edge-Capacity-Cover Inequalities -- 4.2 Edge-Interval-Capacity-Cover Inequalities -- 4.3 Edge-Interval-Clique Inequalities -- 4.4 Edge-Slot-Assignment-Clique Inequalities -- 4.5

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