
Contents

Hybrid Metaheuristics: An Introduction <i>Christian Blum and Andrea Roli</i>	1
Combining (Integer) Linear Programming Techniques and Metaheuristics for Combinatorial Optimization <i>Günther R. Raidl and Jakob Puchinger</i>	31
The Relation Between Complete and Incomplete Search <i>Steven Prestwich</i>	63
Hybridizations of Metaheuristics With Branch & Bound Derivates <i>Christian Blum, Carlos Cotta, Antonio J. Fernández, José E. Gallardo, and Monaldo Mastrolilli</i>	85
Very Large-Scale Neighborhood Search: Overview and Case Studies on Coloring Problems <i>Marco Chiarandini, Irina Dumitrescu, and Thomas Stützle</i>	117
Hybrids of Constructive Metaheuristics and Constraint Programming: A Case Study with ACO <i>Bernd Meyer</i>	151
Hybrid Metaheuristics for Packing Problems <i>Toshihide Ibaraki, Shinji Imahori, and Mutsunori Yagiura</i>	185
Hybrid Metaheuristics for Multi-objective Combinatorial Optimization <i>Matthias Ehrgott and Xavier Gandibleux</i>	221
Multilevel Refinement for Combinatorial Optimisation: Boosting Metaheuristic Performance <i>Chris Walshaw</i>	261