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This book constitutes the refereed proceedings of the Third International Workshop on Hybrid Metaheuristics, HM 2006, held in Gran Canaria, Spain, in October 2006. The 13 revised full papers presented together with 1 invited paper were carefully reviewed and selected from 42 submissions. Topics of this new emerging field addressed by the papers are novel combinations of components from different metaheuristics, hybridization of metaheuristics and Al/OR techniques, low-level hybridization, high-level hybridization, portfolio techniques, expert systems, co-operative search, taxonomy, terminology, classification of hybrid metaheuristics, co-evolution techniques, automated parameter tuning, empirical and statistical comparison, theoretic aspects of hybridization, parallelization, and software libraries.

A Unified View on Hybrid Metaheuristics Packing Problems with Soft Rectangles A Multi-Population Parallel Genetic for Highly Constrained Continuous Galvanizing Line Scheduling Improvement in the Performance of Island Based Genetic Algorithms Through Path RelinkingUsing Datamining Techniques to Help Metaheuristics:A Short SurveyAn Iterated Local Search Heuristic for a Capacitated Hub Location ProblemUsing Memory to Improve the VNS Metaheuristic for the Design of SDH/WDM NetworksMulti-level Ant Colony Optimization for DNA Sequencing by Hybridization Hybrid Approaches for Rostering:A Case Study in the Integration of Constraint Programming and Local SearchA Reactive Greedy Randomized Variable Neighborhood Tabu Search for the Vehice Routing Problem with Time WimdowsIncorporating Inference into Evolutionary Algorithms for Max-CSP Scheduling Social Golfers with Memetic Evolutionary Programming Colour Reassignment in Tabu Search for the Graph Set T-Colouring ProblemInvestigation of One-Go Evolution Strategy/Quasi-Newton HybridizationsAuthor Index

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