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Titolo	Evolutionary Computation in Combinatorial Optimization : 22nd European Conference, EvoCOP 2022, Held as Part of EvoStar 2022, Madrid, Spain, April 20–22, 2022, Proceedings // edited by Leslie Pérez Cáceres, Sébastien Verel
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Descrizione fisica	1 online resource (222 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 13222
Disciplina	519.640285632
Soggetti	Computer science - Mathematics Algorithms Data structures (Computer science) Information theory Artificial intelligence Computer engineering Computer networks Mathematics of Computing Design and Analysis of Algorithms Data Structures and Information Theory Artificial Intelligence Computer Engineering and Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	On Monte Carlo Tree Search for Weighted Vertex Coloring -- A RNN-based Hyper-heuristic for combinatorial problems -- Algorithm Selection for the Team Orienteering Problem -- Performance evaluation of a parallel ant colony optimization for the real-time train routing selection problem in large instances -- Deep Infeasibility Exploration Method for Vehicle Routing Problems -- Evolutionary Algorithms for the Constrained Two-Level Role Mining Problem -- Simplifying Dispatching Rules in Genetic Programming for Dynamic Job Shop

Scheduling -- Novelty-Driven Binary Particle Swarm Optimisation for Truss Optimisation Problems -- A Beam Search for the Shortest Common Supersequence Problem Guided by an Approximate Expected Length Calculation -- Modeling the Costas Array Problem in QUBO for Quantum Annealing -- Penalty Weights in QUBO formulations: Permutation Problems -- PUBOi: a tunable benchmark with variable importance -- Stagnation Detection meets Fast Mutation.

Sommario/riassunto

This book constitutes the refereed proceedings of the 22nd European Conference on Evolutionary Computation in Combinatorial Optimization, EvoCOP 2022, held as part of Evo*2022, in Madrid, Spain, during April 20-21, 2022, co-located with the Evo*2022 events: EvoMUSART, EvoApplications, and EuroGP. The 13 revised full papers presented in this book were carefully reviewed and selected from 28 submissions. They present recent theoretical and experimental advances in combinatorial optimization, evolutionary algorithms, and related research fields.
