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Nota di contenuto	General papers -- Learning Sparse lets for Interpretable Classification of Event interval Sequences -- Deep Reinforcement Learning for smart restarts in Exploration only Exploitation only hybrid metaheuristics -- Optimization of A Last Mile Delivery Model with A Truck and A Drone Using Mathematical Formulation and A VNS Algorithm -- An Empirical Analysis of Tabu Lists -- Strategically Influencing Seat Selection in Low cost Carriers A GRASP Approach for Revenue Maximization -- Behaviour Analysis of Trajectory and Population based Metaheuristics on Flexible Assembly Scheduling -- Matheuristic variants of DSATUR

for the vertex coloring problem -- Combining Neighborhood Search with Path Relinking: A Statistical Evaluation of Path Relinking Mechanisms -- A General Purpose Neural Architecture Search Algorithm for building Deep Neural Networks -- A Dynamic Algorithm Configuration Framework Using Combinatorial Problem Features and Reinforcement Learning -- Large Neighborhood Search for the Capacitated P Median Problem -- Experiences using Julia for Implementing Multi Objective Evolutionary Algorithms -- A Matheuristic Multi Start Algorithm for a Novel Static Repositioning Problem in Public Bike Sharing Systems -- A Disjunctive Graph Solution Representation for the Continuous and Dynamic Berth Allocation Problem -- Area Coverage in Heterogeneous Multistatic Sonar Networks a Simulated Annealing Approach -- The Use of Metaheuristics in the Evolution of Collaborative Filtering Recommender Systems A review -- Modelling and solving a scheduling problem with hazardous products dynamic evolution -- Fixed set search matheuristic applied to the min Knapsack problem with compactness constraints and penalty values -- Improved Golden Sine II in synergy with Non Monopolized Local Search strategy -- Populations of hyperparametric solutions for the design of metaheuristic algorithms An empirical analysis of performance in Particle Swarm Optimization -- A GRASP algorithm for the Meal Delivery Routing Problem -- Optimization Approaches for a General Class of Single Machine Scheduling Problems -- What characteristics define a Good Solution in Social Influence Minimization Problems -- A Large Neighborhood Search Metaheuristic for the Stochastic Mixed Model Assembly Line Balancing Problem with Walking Workers -- Two Examples for the Usefulness of STNWeb for Analyzing Optimization Algorithm Behavior -- Fixed set search applied to the maximum disjoint dominating sets problem -- Extending CMSA With Reinforcement Learning Application to Minimum Dominating Set -- An Evolutionary Algorithm for the Rank Pricing Problem -- STNWeb for the Analysis of Optimization Algorithms A Short Introduction -- Multi Neighborhood Search for the Makespan Minimization Problem on Parallel Identical Machines with Conflicting Jobs -- Solving an Integrated Bi-objective Container Terminal Integrated Planning with Transshipment Operations -- Multi Objective Iterated General Variable Neighborhood Search for the Online Flexible Job Shop Problem.

Sommario/riassunto

This volume constitutes the refereed proceedings of Metaheuristics on 15th International Conference, MIC 2024, held in Lorient, France, during June 4–7, 2024. The 36 full papers presented together with 34 short papers were carefully reviewed and selected from 127 submissions. The conference focuses on artificial intelligence, combinatorial optimization, computer science, graph theory, evolutionary algorithms, genetic algorithms, simulated annealing, optimization, optimization problems.
