1. Record Nr. UNISA996696880703316

Autore	Zhang Yingqian
Titolo	Learning and Intelligent Optimization : 19th International Conference, LION 19, Prague, Czech Republic, June 15–19, 2025, Proceedings, Part I / / edited by Yingqian Zhang, Milan Hladik, Hossein Moosaei
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2026
ISBN	3-032-09156-X
Edizione	[1st ed. 2026.]
Descrizione fisica	1 online resource (574 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 15744
Altri autori (Persone)	HladikMilan MoosaeiHossein
Disciplina	518
Soggetti	Numerical analysis Computer science - Mathematics Mathematical statistics Computer science Artificial intelligence Social sciences - Data processing Computers Numerical Analysis Probability and Statistics in Computer Science Theory of Computation Artificial Intelligence Computer Application in Social and Behavioral Sciences Computing Milieux
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Multi-Agent Soft Actor-Critic with Coordinated Loss for Autonomous Mobility-on-Demand Fleet Control. -- Do LLMs Understand Constraint Programming? Zero-Shot Constraint Programming Model Generation Using LLMs. -- Learning to Solve the Min-Max Mixed-Shelves Picker-Routing Problem via Hierarchical and Parallel Decoding. -- Automated Refutation with Monte Carlo Search of Graph Theory Conjectures on the Maximum Laplacian Eigenvalue. -- Demand Selection for VRP with Emission Quota. -- Multi-target tree

regression approach for surrogate-based optimisation. -- Information Preserving Line Search via Bayesian Optimization. -- Bayesian Optimisation Against Climate Change: Applications and Benchmarks. -- Empirical Analysis of Upper Bounds of Robustness Distributions using Adversarial Attacks. -- e^{2}HPO: energy efficient Hyperparameter Optimization via energy-aware multiple information source Bayesian optimization. -- Reinforcement Learning for Dynamic Pricing with resource constraints in a competitive context. -- Decision Maker Preferences in Surrogate-based Multi-Objective Optimization: A Survey. -- Deep Reinforcement Learning Based Genetic Framework for Flexible Job-Shop Scheduling under Practical Constraints. -- Solving influence diagrams: efficient mixed-integer programming formulation and heuristic. -- Mixed-Integer Linear Optimization via Learning-Based Two-Layer Large Neighborhood Search. -- Geometrically Invariant and Equivariant Graph Neural Networks for TSP Algorithm Selection and Hardness Prediction. -- Time-Varying Multi-Objective Optimization: Tradeoff Regret Bounds. -- Vector Bin Packing with Bin Clusters, Variable Bin Sizes and Costs - A Model and Heuristics for Cloud Capacity Planning. -- SchedulExpert: Graph Attention Meets Mixture-of-Experts for JSSP. -- Reinforcement Learning for AMR Charging Decisions: The Impact of Reward and Action Space Design. -- The Post-Enrollment Course Timetabling Problem with Flexible Teacher Assignments.

Sommario/riassunto

The two-volume set LNCS 15744 + 15745 constitutes the proceedings of the 19th International Conference on Learning and Intelligent Optimization, LION 2025, which was held in Prague, Czech Republic, during June 15–19, 2025. The 40 full papers included in the proceedings were carefully reviewed and selected from 70 submissions. They focus on exploring the intersections of Artificial Intelligence, Machine Learning, and Operations Research.