

1. Record Nr.	UNINA9911049089703321
Autore	Dorronsoro Bernabe
Titolo	Optimization and Learning : 8th International Conference, OLA 2025, Dubai, United Arab Emirates, April 23–25, 2025, Revised Selected Papers // edited by Bernabe Dorronsoro, El-Ghazali Talbi, Dua Weraikat, Sadok Bouamama
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2026
ISBN	3-032-13589-3
Edizione	[1st ed. 2026.]
Descrizione fisica	1 online resource (607 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2808
Altri autori (Persone)	Dorronsoro
Disciplina	006.3
Soggetti	Artificial intelligence Computer engineering Computer networks Numerical analysis Algorithms Artificial Intelligence Computer Engineering and Networks Numerical Analysis Design and Analysis of Algorithms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Soft Computing and Machine Learning Advanced Models. -- KAN-based On-policy PPO Method for Continuous Reinforcement Learning. -- Bayesian and Partition-Based Optimization for Hyperparameter Optimization of LLM Fine-Tuning. -- On hyperparameter Optimization of Generative Models in Recommendation Systems: a comparative study, and applications. -- Enhancing AutoML with Algorithm Selection: A Path to Better Performance. -- NEVA: A Neuromorphic Evolutionary Algorithm. -- Enhancing Academic Advising with AI: Leveraging Large Language Models and Retrieval-Augmented Generation for Smarter Student Support. -- Overlay_dx- Automating forecasting evaluation. -- Integrated Deep Learning Approaches for Coral Health Monitoring and Database Development. -- Optimization

and Search Algorithms: Metaheuristics and Hybrid Approaches. -- Chaotic Binarization of Tasmanian Devil Optimization for Solving the Knapsack Problem. -- Mother Tree Optimization Algorithm for Feature Selection. -- An Improved NSGA-III Algorithm for Solving High-dimensional Many-objective Flexible Job Shop Scheduling Problem. -- Adaptive Greedy Heuristic Algorithm for Rubber Tyred Gantry Crane Scheduling Problem at Container Terminal. -- Solving the Electricity Technician Dispatch Problem. -- Exact versus Bio-Inspired Approximation Methods for Solving Constrained CP-nets. -- Dependent Task Offloading in Cloud-Edge-End Environments with Communication Heterogeneity. -- Modelling, Simulation and Complex Systems. -- Modeling Trust Dynamics on a Multi-Agent System. -- Knowledge Management Methodology for Complex context. The Defence case. -- Exhaustive Search for Quantum Circuit Optimization using ZX Calculus. -- Almost Linear Time Consistent Mode Estimation and Quick Shift Clustering. -- Addressing classic Constraint Satisfaction Problems through Optimisation Modulo Theories. -- Chance Constrained Optimization with Complex Variables. -- Optimizing Retail Promotions with Mixed-Integer Nonlinear XI Programming and Cross-Elasticity Effects. -- Solving the Semivectorial Bilevel Hazmat Network Design Problem by a Deconstructive Heuristic Algorithm. -- Applications in Industry, Energy and Supply Chain. -- Evolutionary Techniques for Combinatorial Reverse Auctions in Electricity Consumption. -- Optimizing and Reducing Changeover Time to Enhance Line Balancing in Industrial Injection Processes. -- A Hybrid Approach for Pallet Loading in Ceramic Tile Industry. -- A Comparative Analysis of the Algorithm Results for Designing Two-stage Supply Chains with Fixed Costs. -- Optimizing Supplier Performance: Advanced Analytics and Predictive Modeling Approaches. -- Systematic Review of Machine Learning (ML) and Artificial Intelligence (AI) in Pharmaceutical Supply Chain (PSC Resilience: Identifying Gaps and Future Research Directions. -- Evolutionary Techniques for Combinatorial Reverse Auctions in Electricity Consumption.

Sommario/riassunto

This book constitutes the refereed proceedings of the 8th International Conference on Optimization and Learning, OLA 2025, held in Dubai, United Arab Emirates, during April 23–25, 2025. The 30 full papers presented here were carefully reviewed and selected from 70 submissions. They were organized in the following topical sections: Soft Computing and Machine Learning Advanced Models; Optimization and Search Algorithms: Metaheuristics and Hybrid Approaches; Modelling, Simulation and Complex Systems; Applications in Industry and Cibersecurity.
