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Titolo	Advances in Optimization and Applications : 13th International Conference, OPTIMA 2022, Petrovac, Montenegro, September 26–30, 2022, Revised Selected Papers // edited by Nicholas Olenev, Yuri Evtushenko, Milojica Jaimovi, Michael Khachay, Vlasta Malkova, Igor Pospelov
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Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1739
Disciplina	004.6 004.0151
Soggetti	Computer science - Mathematics Artificial intelligence Computer science Mathematical Applications in Computer Science Mathematics of Computing Artificial Intelligence Theory of Computation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Mathematical Programming -- A Derivative-Free Nonlinear Least Squares Solver -- Gradient-Type Methods for Optimization Problems with Polyak- Lojasiewicz Condition: Early Stopping and Adaptivity to Inexactness Parameter -- Global Optimization -- An Improved Genetic Algorithm for the Resource-Constrained Project Scheduling Problem -- Nonlocal Optimization Methods for Nonlinear Controlled Systems with Terminal Constraints -- Discrete and Combinatorial Optimization -- Three-Bar Charts Packing Problem -- An 11/7 – Approximation Algorithm for Single Machine Scheduling Problem with Release and Delivery Times -- Optimization and Data Analysis -- Decentralized Strongly-Convex Optimization with Ane Constraints: Primal and Dual

Approaches -- Game Theory and Mathematical Economics -- Analysis of the Model of Optimal Expansion of a Firm -- Comparative Analysis of the Efficiency of Financing the State Budget through Emissions, Taxes and Public Debt -- Applications -- Construction of Optimal Feedback for Zooplankton Diel Vertical Migration -- Synthesis of Trajectory Planning Algorithms Using Evolutionary Optimization Algorithms -- Application of Attention Technique for Digital Pre-Distortion -- Forecasting with Using Quasilinear Recurrence Equation.

Sommario/riassunto

This book constitutes the refereed proceedings of the 13th International Conference on Advances in Optimization and Applications, OPTIMA 2022, held in Petrovac, Montenegro, during September 26–30, 2022. The 13 full papers included in this book were carefully reviewed and selected from 26 submissions. They were organized in topical sections as follows: mathematical programming; global optimization; discrete and combinatorial optimization; optimization and data analysis; game theory and mathematical economics; and applications.
