

1. Record Nr.	UNINA9910799485803321
Titolo	Approximation and Online Algorithms : 21st International Workshop, WAOA 2023, Amsterdam, the Netherlands, September 7-8, 2023, Proceedings // Jaroslaw Byrka and Andreas Wiese, editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2023] ©2023
ISBN	3-031-49815-1
Edizione	[First edition.]
Descrizione fisica	1 online resource (XII, 236 p. 35 illus., 13 illus. in color.)
Collana	Lecture Notes in Computer Science Series ; ; Volume 14297
Disciplina	518.1
Soggetti	Online algorithms Approximation algorithms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Optimization under Explorable Uncertainty: Adversarial and Stochastic Models -- Approximation Ineffectiveness of a Tour-Untangling Heuristic -- A Frequency-Competitive Query Strategy for Maintaining Low Collision Potential Among Moving Entities -- Approximating Maximum Edge 2-Coloring by Normalizing Graphs -- An Improved Deterministic Algorithm for the Online Min-Sum Set Cover Problem -- Greedy Minimum-Energy Scheduling -- Scheduling with Speed Predictions -- The Power of Amortization on Scheduling with Explorable Uncertainty -- Total Completion Time Scheduling Under Scenarios -- Approximating Fair k-Min-Sum-Radii in Euclidean Space -- Online hitting set of d-dimensional fat objects -- Approximation Schemes under Resource Augmentation for Knapsack and Packing Problems of Hyperspheres and Other Shapes -- Hitting Sets when the Shallow Cell Complexity is Small -- Any-Order Online Interval Selection -- Improved Approximations for Relative Survivable Network Design -- Independent set in k-Claw-Free Graphs: Conditional -boundedness and the Power of LP/SDP Relaxations -- Fast Parallel Algorithms for Submodular p-Superseparable Maximization.
Sommario/riassunto	This book constitutes the refereed proceedings of the 21st International Workshop on Approximation and Online Algorithms,

WAOA 2023, held in Amsterdam, The Netherlands, during September 7–8, 2023. The 16 full papers included in this book are carefully reviewed and selected from 43 submissions. The topics of WAOA 2023 were algorithmic game theory, algorithmic trading, coloring and partitioning, competitive analysis, computational advertising, computational finance, cuts and connectivity, FPT-approximation algorithms, geometric problems, graph algorithms, inapproximability results, mechanism design, network design, packing and covering, paradigms for the design and analysis of approximation and online algorithms, resource augmentation, and scheduling problems.
