

1. Record Nr.	UNINA9910595028203321
Titolo	Algorithmic Aspects in Information and Management : 16th International Conference, AAIM 2022, Guangzhou, China, August 13–14, 2022, Proceedings // edited by Qiufen Ni, Weili Wu
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031160813 3031160819
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (482 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 13513
Disciplina	929.605 005.1
Soggetti	Computer science - Mathematics Discrete mathematics Data structures (Computer science) Information theory Artificial intelligence Computer science Discrete Mathematics in Computer Science Data Structures and Information Theory Artificial Intelligence Theory of Computation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	An improvement of the bound on the odd chromatic number of 1-planar graphs -- AoI Minimizing of Wireless Rechargeable Sensor Network based on Trajectory Optimization of Laser-Charged UAV -- Monotone k-Submodular Knapsack Maximization: An Analysis of the Greedy+Singleton Algorithm -- The constrained parallel-machine scheduling problem with divisible processing times and penalties -- Energy-constrained Geometric Covering Problem -- Fast searching on $k$ -combinable graphs -- Three Algorithms for Converting Control Flow Statements from Python to XD-M -- Class Ramsey numbers

involving induced graphs -- An Approximation Algorithm for the Clustered Path Travelling Salesman Problem -- Hyperspectral Image Reconstruction for SD-CASSI systems based on Residual Attention Network -- Improved Approximation Algorithm for the Asymmetric Prize-Collecting TSP -- Injective edge coloring of power graphs and necklaces -- Guarantees for Maximization of  $k$ -Submodular Functions with a Knapsack and a Matroid Constraint.-Incremental SDN Deployment to Achieve Load Balance in ISP Networks -- Approximation scheme for single-machine rescheduling with job delay and rejection -- Defense of Scapegoating Attack in Network Tomography -- A Binary Search Double Greedy Algorithm for Non-monotone DR-submodular Maximization -- Streaming Adaptive Submodular Maximization -- Constrained Stochastic Submodular Maximization with State-Dependent Costs -- Online early work maximization problem on two hierarchical machines with buffer or rearrangements -- Polynomial time algorithm for  $k$ -vertex-edge dominating problem in interval graphs -- Adaptive Competition-based Diversified-profit Maximization with Online Seed Allocation -- Collaborative Service Caching in Mobile Edge Nodes -- A Decentralized Auction Framework with Privacy Protection in Mobile Crowdsourcing -- On-line single machine scheduling with release dates and submodular rejection penalties -- Obnoxious Facility Location Games with Candidate Locations -- Profit Maximization for Multiple Products in Community-based Social Networks -- MCM: A Robust Map Matching Method by Tracking Multiple Road Candidates -- Security on Ethereum: Ponzi Scheme Detection in Smart Contract -- Cyclically orderable generalized Petersen graphs -- The  $r$ -dynamic chromatic number of planar graphs without special short cycles -- Distance Labeling of the Halved Folded  $n$ -Cube -- Signed network embedding based on multi-attention mechanism -- Balanced Graph Partitioning based on Mixed 0-1 Linear Programming and Iteration Vertex Relocation Algorithm -- Partial inverse min-max spanning tree problem under the weighted bottleneck Hamming distance -- Mixed Metric Dimension of Some Plane Graphs -- The Optimal Dynamic Rationing Policy in the Stock-Rationing Queue -- Pilot Pattern Design with Branch and Bound in PSA-OFDM System -- Bicriteria Algorithms for Maximizing the Difference Between Submodular Function and Linear Function under Noise -- On the Transversal Number of  $k$ -Uniform Connected Hypergraphs.-Total coloring of planar graphs without some adjacent cycles.

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### Sommario/riassunto

This book constitutes the proceedings of the 16th International Conference on Algorithmic Aspects in Information and Management, AAIM 2022, which was held online during August 13-14, 2022. The conference was originally planned to take place in Guangzhou, China, but changed to a virtual event due to the COVID-19 pandemic. The 41 regular papers included in this book were carefully reviewed and selected from 59 submissions. .

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