

1. Record Nr.	UNINA9910616372103321
Titolo	Graph-Theoretic Concepts in Computer Science : 48th International Workshop, WG 2022, Tübingen, Germany, June 22–24, 2022, Revised Selected Papers // edited by Michael A. Bekos, Michael Kaufmann
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031159145 3031159144
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (469 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 13453
Disciplina	929.605
Soggetti	Computer science - Mathematics Discrete mathematics Data structures (Computer science) Information theory Algorithms Computer graphics Numerical analysis Discrete Mathematics in Computer Science Data Structures and Information Theory Design and Analysis of Algorithms Computer Graphics Numerical Analysis Symbolic and Algebraic Manipulation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Design and analysis of sequential, parallel, randomized, parameterized algorithms. Distributed graph and network algorithms -- Structural graph theory with algorithmic or complexity applications -- Computational complexity of graph and network problems -- Graph grammars, graph rewriting systems and graph modeling -- Graph drawing and layouts -- Computational geometry -- Computational biology -- Graph mining -- Random graphs and models of the web and

scale-free networks.

Sommario/riassunto

This LNCS 13453 constitutes the thoroughly refereed proceedings of the 48th International Workshop on Graph-Theoretic Concepts in Computer Science, WG 2022. The 32 full papers presented in this volume were carefully reviewed and selected from a total of 96 submissions. The WG 2022 workshop aims to merge theory and practice by demonstrating how concepts from Graph Theory can be applied to various areas in Computer Science, or by extracting new graph theoretic problems from applications.
