

1. Record Nr.	UNINA9910483847003321
Titolo	Graph-Theoretic Concepts in Computer Science : 40th International Workshop, WG 2014, Nouan-le-Fuzelier, France, June 25-27, 2014. Revised Selected Papers / / edited by Dieter Kratsch, Ioan Todinca
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-12340-8
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XI, 422 p. 81 illus.)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 8747
Disciplina	511.5
Soggetti	Computer science - Mathematics Discrete mathematics Algorithms Artificial intelligence - Data processing Geometry Discrete Mathematics in Computer Science Data Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Design and analysis of sequential, parallel, randomized, parameterized and 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 -- Random graphs and models of the web and scale-free networks -- Support of these concepts by suitable implementations and applications.
Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 40th International Workshop on Graph-Theoretic Concepts in Computer Science, WG 2014, held in Nouan-le-Fuzelier, France, in June 2014. The 32 revised full papers presented were carefully reviewed and selected from 80 submissions. The book also includes two invited papers. The papers cover a wide range of topics in graph theory related to computer science, such as design and analysis

of sequential, parallel, randomized, parameterized and 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; random graphs and models of the web and scale-free networks; and support of these concepts by suitable implementations and applications.
