Record Nr. UNINA9910484338303321 Algorithms and Data Structures: 15th International Symposium, WADS Titolo 2017, St. John's, NL, Canada, July 31 - August 2, 2017, Proceedings // edited by Faith Ellen, Antonina Kolokolova, Jörg-Rüdiger Sack Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2017 **ISBN** 3-319-62127-0 Edizione [1st ed. 2017.] Descrizione fisica 1 online resource (XX, 594 p. 129 illus.) Collana Theoretical Computer Science and General Issues, , 2512-2029;; 10389 005.73 Disciplina Soggetti Algorithms Artificial intelligence—Data processing Computer science—Mathematics Discrete mathematics Computer graphics Numerical analysis Computer networks Data Science Discrete Mathematics in Computer Science **Computer Graphics Numerical Analysis** Computer Communication Networks Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Combinatorics -- Computational geometry -- Databases -- Graphics -- Parallel and distributed computing. Sommario/riassunto This book constitutes the refereed proceedings of the 15th Algorithms and Data Structures Symposium, WADS 2017, held in St. John's, NL, Canada, in July/August 2017. The 49 full papers presented together with 3 abstracts of invited talks were carefully reviewed and selected

from 109 submissions. They present original research on the theory and application of algorithms and data structures in many areas,

including combinatorics, computational geometry, databases, graphics, and parallel and distributed computing. The WADS Symposium, which alternates with the Scandinavian Symposium and Workshops on Algorithm Theory, SWAT, is intended as a forum for researchers in the area of design and analysis of algorithms and data structures. Papers presenting original research on the theory and application of algorithms and data structures .