Record Nr. UNINA9910483608203321 Algorithms and Data Structures: 10th International Workshop, WADS **Titolo** 2007, Halifax, Canada, August 15-17, 2007, Proceedings / / edited by Frank Dehne, Jörg-Rüdiger Sack, Norbert Zeh Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, Pubbl/distr/stampa . 2007 **ISBN** 3-540-73951-3 Edizione [1st ed. 2007.] 1 online resource (XVI, 664 p.) Descrizione fisica Theoretical Computer Science and General Issues, , 2512-2029;; 4619 Collana 005.73 Disciplina Soggetti Computer programming Algorithms Artificial intelligence—Data processing Computer science—Mathematics Discrete mathematics Computer graphics Numerical analysis **Programming Techniques** Data Science Discrete Mathematics in Computer Science Computer Graphics **Numerical Analysis** 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 Session 1 -- Finding Small Holes -- Session 2A -- Approximate Range Searching: The Absolute Model -- Orthogonal Range Searching in Linear and Almost-Linear Space -- Spherical LSH for Approximate Nearest Neighbor Search on Unit Hypersphere -- Session 2B -- A 4/3-Approximation Algorithm for Minimum 3-Edge-Connectivity --Approximating the Maximum Sharing Problem -- The Stackelberg Minimum Spanning Tree Game -- Session 3A -- Edges and Switches,

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Sommario/riassunto

The papers in this volume were presented at the 10th Workshop on Algorithms and Data Structures (WADS 2005). The workshop took place August 15 - 17, 2007, at Dalhousie University, Halifax, Canada. The workshop alternates with the Scandinavian Workshop on Algorithm Theory (SWAT), continuing the t- dition of SWAT and WADS starting with SWAT 1988 and WADS 1989. From 142 submissions, the Program Committee selected 54 papers for presentation at the workshop. In

addition, invited lectures were given by the following dist- guished researchers: Je? Erickson (University of Illinois at Urbana-Champaign) and Mike Langston (University of Tennessee). On behalf of the Program Committee, we would like to express our sincere appreciation to the many persons whose e?ort contributed to making WADS 2007 a success. These include the invited speakers, members of the Steering and ProgramCommittees, the authorswho submitted papers, andthe manyreferees who assisted the Program Committee. We are indebted to Gerardo Reynaga for installing and modifying the submission software, maintaining the submission server and interacting with authors as well as for helping with the preparation of the program.