Lecture Notes in Computer Science 1851

Edited by G. Goos, J. Hartmanis and J. van Leeuwen

Springer
Berlin
Heidelberg
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Magnús M. Halldórsson (Ed.)

Algorithm Theory – SWAT 2000

7th Scandinavian Workshop on Algorithm Theory
Bergen, Norway, July 5-7, 2000
Proceedings

Springer

Volume Editor

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Cataloging-in-Publication Data applied for

Die Deutsche Bibliothek - CIP-Einheitsaufnahme

Algorithm theory : proceedings / SWAT '2000, 7th Scandinavian Workshop on Algorithm Theory, Bergen, Norway, July 5 - 7, 2000, Magnús M. Halldórsson (ed.). - Berlin ; Heidelberg ; New York ; Barcelona ; Hong Kong ; London ; Milan ; Paris ; Singapore ; Tokyo : Springer, 2000
(Lecture notes in computer science ; Vol. 1851)
ISBN 3-540-67690-2

CR Subject Classification (1998): F.2, E.1, G.2, I.3.5, C.2

ISSN 0302-9743
ISBN 3-540-67690-2 Springer-Verlag Berlin Heidelberg New York

Typesetting: Camera-ready by author, data conversion by Steingräber Satztechnik GmbH, Heidelberg
Printed on acid-free paper SPIN: 10722125 06/3142 5 4 3 2 1 0

Preface

The papers in this volume were presented at SWAT 2000, the Seventh Scandinavian Workshop on Algorithm Theory. The workshop, which is really a conference, has been held biennially since 1988, rotating between the five Nordic countries (Sweden, Norway, Finland, Denmark, and Iceland). It also has a loose association with the WADS (Workshop on Algorithms and Data Structures) conference that is held in odd numbered years. SWAT is intended as a forum for researchers in the area of design and analysis of algorithms. The SWAT conferences are coordinated by the SWAT steering committee, which consists of B. Aspvall (Bergen), S. Carlsson (Luleå), H. Hafsteinsson (U. Iceland), R. Karlsson (Lund), A. Lingas (Lund), E. Schmidt (Aarhus), and E. Ukkonen (Helsinki).

The call for papers sought contributions in all areas of algorithms and data structures, including computational geometry, parallel and distributed computing, graph theory, and computational biology. A total of 105 papers were submitted, out of which the program committee selected 43 for presentation. In addition, invited lectures were presented by Uriel Feige (Weizmann), Mikkel Thorup (AT&T Labs-Research), and Esko Ukkonen (Helsinki).

SWAT 2000 was held in Bergen, July 5-7, 2000, and was locally organized by a committee consisting of Pinar Heggernes, Petter Kristiansen, Fredrik Manne, and Jan Arne Telle (chair), all from the department of informatics, University of Bergen.

We wish to thank all the referees who aided in evaluating the papers. We also thank The Research Council of Norway (NFR) and the City of Bergen for financial support.

July 2000 Magnús M. Halldórsson

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