

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.

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July 2000

Magnús M. Halldórsson

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