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FOREWORD

The papers in this volume were presented at 1st the Scandinavian Workshop on Algorithm Theory held on July 5-8, 1988, in Halmstad, Sweden. The call for papers sought contributions on original research in areas related to algorithm theory, including data structures, computational geometry, and computational complexity. 34 papers were submitted and 24 of these were selected for presentation by the workshop committee (Bengt Aspvall, Svante Carlsson, Rolf Karlsson, Andrzej Lingas). In addition to the selected papers the proceedings include invited papers presented by I. Munro, K. Mehlhorn, M. Overmars, D. Wood, C. Yap (abstract).

The workshop committee would like to thank all those who submitted papers for consideration.

We are very grateful to Nordic Research Courses and to the Swedish Natural Science Research Council for sponsoring the workshop, and to the European Association for Theoretical Computer Science for giving their support.

Linköping, May 1988

Rolf Karlsson

Andrzej Lingas

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