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Subhash Suri (Eds.)

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Dept. of Computer Science, Gunma University
Kiryu 376, Japan

Hiroshi Nagamochi
Dept. of Applied Mathematics and Physics, Kyoto University
Sakyo-ku, Kyoto 606-01, Japan

Satoru Miyano
Institute of Medical Science, University of Tokyo
Shirokanedai 4-6-1, Minato-ku, Tokyo 108, Japan

Subhash Suri
Dept. of Computer Science, Washington University
St. Louis, MO 63130, USA

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Preface

The first International Symposium on Algorithms was held in Tokyo in 1990 and the second one in Taipei in 1991. The title was changed to International Symposium on Algorithms and Computation in 1992 when it was held in Nagoya. Later the symposiums were held in Hong Kong, Beijing, and Cairns in 1993, 1994, and 1995 respectively. The papers in this volume were presented at the seventh symposium in Osaka, Japan, during December 16-18, 1996. The symposium was sponsored by Osaka Electro-Communication University, The Telecommunications Advancement Foundation, and The Asahi Glass Foundation in cooperation with the Special Interest Group on Algorithms of the Information Processing Society of Japan, the Technical Group on Theoretical Foundation of Computing of the Institute of Electronics, Information and Communication Engineers of Japan, the ACM Special Interest Group on Automata and Computability Theory, and the European Association for Theoretical Computer Science.

In response to the Call for Papers, 119 extended abstracts were submitted. The papers in this volume were selected from them by the program committee consisting of S. Miyano, S. Suri, T. Akutsu, V. Chandru, D. Dobkin, D.-Z. Du, H. ElGindy, M. Golin, T. Hirata, M. Golin, A.K. Lenstra, D. Kirkpatrick, W. Rytter, M. Ogihara, A. Srinivasan, and M. Sharir. Each submitted paper was reviewed by about four program committee members. Thus, the job of the program committee is quite challenging.

We wish to thank all who submitted papers for consideration and all program committee members for their excellent work. We also thank our colleagues who contributed to the success of the symposium and the sponsors for their assistance and supports.

September, 1996

Tetsuo Asano
Yoshihide Igarashi
Hiroshi Nagamochi
Satoru Miyano
Subhash Suri

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