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Paul Spirakis (Ed.)

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Third Annual European Symposium
Corfu, Greece, September 25-27, 1995
Proceedings



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Series Editors

Gerhard Goos

Universität Karlsruhe

Vincenz-Priessnitz-Straße 3, D-76128 Karlsruhe, Germany

Juris Hartmanis

Department of Computer Science, Cornell University

4130 Upson Hall, Ithaca, NY 14853, USA

Jan van Leeuwen

Department of Computer Science, Utrecht University

Padualaan 14, 3584 CH Utrecht, The Netherlands

Volume Editor

Paul Spirakis

Computer Technology Institute

Kolokotroni 3, GR-262 21 Patras, Greece

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Preface

The 3rd Annual European Symposium on Algorithms (ESA '95) was held September 25-27, 1995, in Corfu (Greece), in the conference facilities of the Corfu Hilton International Hotel. This volume contains all contributed papers presented at the symposium, together with the extended abstract of the invited lecture by Shimon Even (Technion University).

ESA was established in 1993 as a main annual event for all researchers interested in algorithms, theoretical as well as applied. The international symposium covers all research on algorithms and their analysis as it is carried out in the fields of computer science, discrete applied mathematics, and all other areas of algorithm-oriented research and its application. The proceedings of ESA'93 appeared as Volume 726 in the series Lecture Notes in Computer Science and the proceedings of ESA'94 appeared as Volume 855 in the same series.

In response to the Call for Papers for ESA'95, the program committee received 119 submissions, indicating a strong and growing interest in the symposium. The program committee for ESA'95 consisted of:

Gianfranco Bilardi (Padova)	Mike Paterson (Warwick)
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Alan Gibbons (Warwick)	Hava Siegelmann (Technion)
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Marek Karpinski (Bonn)	Laurence Wolsey (Louvain)
Jan van Leeuwen (Utrecht)	

The program committee met May 12-13, 1995, in Athens and selected 42 contributed papers for inclusion in the scientific program of ESA'95. The selection was based on originality, quality, and relevance to the study of algorithms, and reflects many of the current directions in algorithms research. We wish to thank all those who submitted extended abstracts for consideration, and all subreferees and colleagues who helped in the extensive evaluation process.

The scientific program of ESA'95 evidently shows the gradual expansion of algorithms research into new areas of computational endeavor in science and industry, and the program committee hopes that this component will continue to manifest itself as part of the ESA program in future years.

Many thanks are due to the Organizing Committee of ESA'95 for making the symposium happen. The Organizing Committee consisted of:

Paul Spirakis (Chair), Lefteris Kirousis, Christos Bouras, Vaggelis Kapoulas, Ioannis Stamatiou, Antonis Tatakis,

all from the Computer Technology Institute and the Computer Engineering and Informatics Department of Patras University. Also we are grateful to the Local Arrangements Committee for all of its help and cooperation. This committee consisted of:

Rozina Efstathiadou (Chair), Lena Gourdoupi (Secretary), Eleni Patoucha (Treasurer), Sonia Antonakopoulou (Public Relations), Jenny Theodosopoulou (Site Coordinator),

all from the Computer Technology Institute's administrative staff.

ESA'95 was conducted in cooperation with the Association for Computing Machinery (ACM) and the European Association for Theoretical Computer Science (EATCS), and was sponsored by the Computer Technology Institute, the General Secretariat of Research and Technology, the project ALCOM II of the ESPRIT Basic Research, Intracom, Intrasoftware, and the Greek Ministry of Education.

Patras, September 1995

Paul Spirakis

List of Referees

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Ilan Baron
Andras Benczur
Martin Bečka
Sergej Bezrukov
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