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Preface

This volume contains the proceedings of the 16th International Symposium on Mathematical Foundations of Computer Science, MFCS'91, held in Kazimierz Dolny, Poland, 9–13 September 1991.

The series of MFCS symposia, organized alternately in Poland and Czechoslovakia since 1972, has a long and well-established tradition. The purpose of the series is to encourage high-quality research in all branches of theoretical computer science and to bring together specialists working actively in the area. Throughout the years, MFCS has served this purpose well, and we hope it will do so in the future.

Principal areas of interest of the symposium include: software specification and development, parallel and distributed computing, semantics and logics of programs, algorithms, complexity and computability theory (this is not an exclusive list).

The scientific programme of the symposium consisted of invited lectures by distinguished scientists and 38 presentations selected, strictly on the basis of the scientific merit, by the Programme Committee out of the total 109 submitted papers. This volume collects papers accompanying the presentations. Unfortunately, due to the usual space limitations, these are in much abridged form.

Thanks are due to the authors of all the submitted papers for their interest in MFCS'91 and for their valuable contribution to the symposium. I would also like to express my gratitude to all the members of the Programme Committee for the work they put into the careful evaluation of the papers. I am especially indebted to all the referees who assisted the members of the Programme Committee by reviewing the submissions in detail. Finally, let me thank the members of the Organizing Committee for their invaluable work in enabling the symposium to take place and for their assistance in putting the proceedings together, and Springer-Verlag for their efficient cooperation in the publication of this volume.

MFCS'91 is organized by the Institute of Computer Science of the Polish Academy of Sciences in cooperation with the Institute of Informatics of Warsaw University and the Polish Information Processing Society.

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