

Preface

This volume of the Lecture Notes in Computer Science series contains the proceedings of the Second Conference on Numerical Analysis and Applications, which was held at the University of Rousse, Bulgaria, June 11-15, 2000. The conference was organized by the Department of Numerical Analysis and Statistics at the University of Rousse with support from the University of Southern Mississippi, Hattiesburg. The conference was co-sponsored by SIAM (Society for Industrial and Applied Mathematics) and ILAS (International Linear Algebra Society). The official sponsors of the conference were Fujitsu America, Inc., Hewlett-Packard GmbH, and Sun Microsystems. We would like to give our sincere thanks to all sponsors and co-sponsors for the timely support.

The second conference continued the tradition of the first one (1996 in Rousse) as a forum, where scientists from leading research groups from the “East” and “West” are provided with the opportunity to meet and exchange ideas and establish research cooperation. More than 120 scientists from 31 countries participated in the conference.

A wide range of problems concerning recent achievements in numerical analysis and its applications in physics, chemistry, engineering, and economics were discussed. An extensive exchange of ideas between scientists who develop and study numerical methods and researchers who use them for solving real-life problems took place during the conference.

We are indebted to our colleagues who helped us in the organization of this conference. We thank the organizers of the mini-symposia for attracting active and highly qualified researchers.

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