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PROCEEDINGS OF THE 10TH SEMINAR
“PROGRAMS AND ALGORITHMS OF NUMERICAL
MATHEMATICS”

PREFACE

This issue of Applications of Mathematics contains extended versions of selected contributions delivered at the seminar *Programs and Algorithms of Numerical Mathematics* (PANM'00), held in Lázně Libverda, Czech Republic, June 12–16, 2000.

PANM'00 was the tenth of the series of PANM meetings organized by the Mathematical Institute of the Academy of Sciences of the Czech Republic. The first meeting took place in Alšovice, Czech Republic, in 1983. Because of its great success the organizers decided to repeat such a seminar after a year, and then biennially. PANM'00 is the second seminar the proceedings of which (or a part of them, more accurately) has been published in this journal. Short versions of all contributions presented at the seminar were published by the Mathematical Institute of the Academy of Sciences as a booklet in 2000 (in Czech mostly).

The main object of all the PANM seminars has been to provide an opportunity for information exchange and to contribute to the integration of the efforts of specialists working in the field of scientific computing in the Czech Republic.

The program of the seminar was devoted to the implementation of numerical algorithms and to the experience with various mathematical software packages. Most of the contributions dealt with the software for PC's and workstations, however, also the software for supercomputers, parallel and distributed computer systems, and computer networks was discussed.

More than 50 specialists from the field took part in the seminar, most of them from the institutes of the Academy of Sciences of the Czech Republic and from Czech universities. The Organizing Committee included J. Chleboun, M. Práger, P. Příkrýl, and K. Segeth, all from the Mathematical Institute of the Academy of Sciences of the Czech Republic.

We wish to express our sincere thanks to the Editor of Applications of Mathematics for his kind offer to devote this issue to the Proceedings of PANM'00.

Organizing Committee of PANM'00