

EQUADIFF 4

Preface

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PREFACE

The Czechoslovak Conference on Differential Equations and Their Applications - EQUADIFF 4 - was held in Prague from August 22 to August 26, 1977. It continued the tradition of conferences held in Prague (1962), in Bratislava (1966) and in Brno (1972). The topics were differential equations in the broad sense including numerical methods and one of the goals of the conference was to stimulate cooperation between various branches in differential equations. The conference was organized by the Mathematical Institute of the Czechoslovak Academy of Sciences in cooperation with the Faculty of Mathematics and Physics of the Charles University in Prague, the Faculty of Sciences of the Comenius University in Bratislava, the Czech Technical University in Prague and the Technical University in Brno.

The Organizing Committee was presided by J.Fábera, the members being O.Borůvka, J.Brilla, O.Hajkr, J.Kurzweil, I.Marek, J.Moravčík, J.Nečas, B.Novák, M.Práger, M.Ráb, K.Rektorys, M.Švec, O.Vejvoda, M.Zlámal.

The scientific program of the conference comprised 5 invited addresses, 58 invited lectures and 157 scientific communications; the lectures and scientific communications were held simultaneously in three sections:

1. Ordinary Differential Equations,
2. Partial Differential Equations,
3. Numerical Methods and Applications.

The participants and their accompanying persons could enjoy a rich social program. The conference was attended by 167 participants from Czechoslovakia and 187 participants from abroad (Austria, Belgium, Berlin-West, Bulgaria, Canada, Egypt, F.R.G., France, G.D.R., Hungary, Italy, Japan, Netherlands, Poland, Roumania, Saudi Arabia, Sweden, Switzerland, U.S.A., U.S.S.R., United Kingdom, Yugoslavia). The number of accompanying persons was 49.

This volume contains the texts of plenary addresses and of invited lectures which were held in sections - with several exceptions.

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Editors