PROCEEDINGS OF EQUADIFF 10, PRAGUE, AUGUST 27–31, 2001

PREFACE

The tradition of the Czechoslovak EQUADIFF conferences dates back to 1962 when EQUADIFF 1 was organized in Prague. Subsequent conferences held in Bratislava (1966, 1981, 1993), Brno (1972, 1985, 1997) and Prague (1977, 1989) turned EQUADIFF conferences into the world's oldest series of comprehensive conferences on differential equations. EQUADIFF is at present one of the most important and biggest conferences of this kind.

The Czechoslovak International Conference on Differential Equations and Their Applications EQUADIFF 10 was held in Prague, August 27–31, 2001. It was organized by the Mathematical Institute of the Academy of Sciences of the Czech Republic in cooperation with the Faculty of Mathematics and Physics of Charles University, Union of Czech Mathematicians and Physicists and other Czech and Slovak institutions of research and higher learning, and held under the auspices of Prof. Helena Illnerová, the President of the Academy of Sciences of the Czech Republic, and of Prof. Ivan Wilhelm, the Rector Magnificus of Charles University in Prague. EQUADIFF 10 was attended by 316 participants from 40 countries and more than 40 accompanying persons and guests.

The scientific program consisted of 11 plenary lectures and 24 invited lectures in sections. Altogether 248 papers were presented as communications, posters or extended abstracts, which were considered to be equivalent forms of presentation.

In this volume of Mathematica Bohemica you will find 21 contributions by invited speakers (plenary and section lectures). The papers underwent the standard reviewing procedure.

May 2002 *Editors*