EQUADIFF 1

Preface

PREFACE

The Czechoslovak Conference on Differential Equations and Their Applications —
EQUADIFF — was arranged by the Czechoslovak Academy of Sciences and the
Association of Czechoslovak Mathematicians and Physicists from the 5th to 11th of
September 1962 in Prague as part of the hundredth anniversary celebration of the
foundation of the Association.

The scientific part of the Conference comprised 14 comprehensive lectures held in
plenary sessions, 7 comprehensive lectures and 76 communications delivered in the
sections which were held simultaneously.

At the Conference three sections were in action: 1) ordinary differential equations,
2) partial differential equations, 3) applications of differential equations. The present
Proceedings contain the complete texts of the comprehensive lectures delivered in
plenary sessions as well as the comprehensive lectures given in the sections.

The Conference was prepared by the Organizing Committee which was presided
over by Academician VLADIMÍR KOŘÍNEK; it consisted of IVO BABUŠKA, Dr. Sc., who
acted as secretary, JAROSLAV KURZWEIL, Dr. Sc., Dr. OTTO VEJVODA, C. Sc., Dr. RU-
DOLF VÝBORNÝ, C. Sc., Doc. Dr. MICHAL GREGUŠ, C. Sc., Doc. Dr. MILOSLAV
HAMPL, Dr. Sc., Doc. Dr. KAREL REKTORYS, Dr. Sc., Doc. Dr. MILOŠ ZLÁMAL,
C. Sc., EDUARD ZOUBEK.

The work connected with the preparation of the Conference was entrusted iñ a high
degree to a team of workers of the Mathematical Institute of the Czechoslovak Aca-
demy of Sciences as well as to some workers from other institutes.

The Conference was attended by 160 Czechoslovak participants and 75 participants
from abroad, i. e. from Australia, Finland, German Democratic Republic, German
Federal Republic, Great Britain, Hungary, Italy, Japan, Poland, Romania, the Soviet
Union, the United States of America. In addition 23 persons came with the foreign
participants as visitors of Prague.

At the inauguration on the 5th September, the Vice-Chairman of the Czechoslovak
Academy of Sciences Academician J. KOŽEŠNÍK, Academician VL. KOŘÍNEK and Prof.
Dr. M. VALOUCH delivered short addresses to the audience. On the same day, after the
conclusion of the afternoon lectures, a friendly meeting was convened. On Saturday,
the 8th of September, most of the participants of the Conference and their guests took
part in one of three all-day bus trips. On Monday, the 10th of September, the parti-
cipants of the Conference were invited to attend a reception given by the Minister of
Education and Culture, Dr. FR. KAHUDA. The companions of the participants took
part in a number of trips and excursions arranged by the Organizing Committee.