Josef Novák Preface

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## PREFACE

Since 1961 every five years Prague topological symposium has been held by the Czechoslovak Academy of Sciences. In August 1976 the Fourth Symposium on General Topology and its Relations to Modern Analysis and Algebra took place in Prague. Arrangements for the symposium were made by the Organizing Committee consisting of J.Novák /chairman/, Z.Frolík /program chairman/, J.Hejcman, M.Hušek, M.Katětov, V.Koutník, V.Pták, A.Rázek /treasurer/, M.Sekanina, Š.Schwarz, and V.Trnková. The Czechoslovak Academy of Sciences, the Slovak Academy of Sciences, the Faculty of Mathematics and Physics of the Charles University, and the Association of Czechoslovak Mathematicians and Physicists invited a number of prominent mathematicians from abroad. The International Mathematical Union granted financial support towards the travel expenses of some young mathematicians from abroad. I would like to thank the International Mathematical Union for all the support given to Prague topological symposia.

The program of the symposium consisted of 11 plenary invited talks, 18 invited talks given in two sections, 1 invited talk in a session for contributed papers and 134 fifteen-minute talks in three or four parallel sessions.

The symposium was attended by 217 mathematicians from 24 countries: 164 from abroad and 53 from Czechoslovakia.

These Proceedings of the symposium are published in two parts A and B. Part A, published by Springer-Verlag, contains 19 invited papers. Part B, published by the Association of Czechoslovak Mathematicians and Physicists, contains 105 abstracts and contributed papers.

This part of the Proceedings contains 98 contributed papers, 5 abstracts of invited lectures published elsewhere, and problems of K. Borsuk and K. Morita submitted to the Symposium. All papers were read by referees and I would like to thank them for their indispensable assistance. On recommendation by the referees some papers have been revised by the authors. However, editorial work on most papers accepted for publication was limited to correcting obvious errors and making minor changes in form. Special thanks are due to Z. Frolík, M. Katětov, V. Koutník and V. Pták for their assistance in editing the Proceedings.