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Topology in Nonlinear Analysis

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PREFACE

The present volume contains papers selected from those submitted by mathematicians lecturing at two minisemesters organized by the International Stefan Banach Mathematical Center in Warsaw, Poland, in Fall, 1994.

The first minisemester concerning Topological and Variational Methods of Nonlinear Analysis, organized by Th. Bartsch, K.Gęba, W. Marzantowicz and S. Rybicki, was held September 5–18, 1994 and gathered around 40 mathematicians from various countries. More than 25 one-hour lectures and 10 shorter talks were delivered.

The second minisemester devoted to Topological Methods in Differential Inclusions (October 10–15, 1994) was organized by F. de Blasi, L. Górniewicz and P. Nistri. Over 50 mathematicians participated in seminars and discussions presenting 20 one-hour lectures and 15 shorter talks.

The intention of the editors was to provide a useful presentation of some of the most interesting results concerning areas discussed during each of the minisemesters. Therefore, the present publication consists mainly of survey or expository articles rather than research announcements.

The papers were received by the editors in Fall 1994 – Spring 1995 and refereed thereafter. They are grouped in two sections, each devoted to the corresponding minisemester, and within these sections they are arranged in the alphabetical order of the authors' names.

The editors would like to thank all the participants, the authors and other people who contributed to the program and activities of the minisemesters.

Kazimierz Gęba Lech Górniewicz

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