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Foreword

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## Foreword

*This volume contains papers presenting some results lectured at the 30th Winter School on Abstract Analysis 2002.*

*Traditionally, the conference consisted from two parts. The part devoted to analysis was held from January 19 to January 26 in Lhota nade Rohanovem and the part devoted to topology was held from January 26 to February 2 in Litice u České Lípy.*

*In both parts, several invited lectures, or series of lectures, were organized. In the analysis part, invited lectures were delivered by prof. G. Alberti (Structure of null sets and geometric versions of Erdős-Szekeres theorem), prof. E. Behrends (On the small ball property), prof. V. Montesinos (Smoothness and weak compactness), prof. W. Moors (Some results concerning weak Asplund spaces), prof. J. Orihuela (Topology and renormings of Banach spaces), prof. G. Plebanek (Nonseparable Radon measures on compact spaces), prof. D. Preiss (Differentiability of Lipschitz functions), prof. S. Solecki (Borel equivalence relations), to mention at least a part of the scientific program.*

*In the topology week, we had an opportunity to hear two series of interesting lectures: An algebraic and logical approach to continuous images by prof. K. P. Hart and Determinacy and cardinal invariants by prof. J. Zapletal.*

*As usual, we organized traditional problem sessions, where a number of problems were presented. We thank all the participants for their contribution that made 30th Winter School a very successful and pleasant event. Many interesting and deep results were presented in the main lectures as well as in many short communications.*

*To speed the publication of the proceedings, the full responsibility for the linguistic form of the papers was left to the authors.*

*We appreciate very much the work done by our colleagues and also many foreign participants for helping the organizing committee. We are obliged to the managing editor Petr Simon for preparing this volume of the journal devoted to the Winter School.*

*Petr Holický and Bohuslav Balcar*