

Preface

The volume is a collection of outstanding contributed papers presented at the 11th International Congress of Logic, Methodology and Philosophy of Science held in Kraków, 1999. The Congress was a follow-up to the series of meetings, initiated by Alfred Tarski in the sixth decade of the 20th century, which aimed to provide an interdisciplinary forum for scientists, philosophers and logicians. Tarski's idea has been proving very successful since its beginnings. Showing interrelations between philosophy, logic and sciences, the congresses have become an important event, particularly, for the philosophical community. The Kraków Congress was no exception to it and we are convinced that the current volume testify that.

Chapter 1, Logic and Metamathematics, presents current issues in metamathematics (Borrego-Diaz et al., Plisko), model theory (Golińska and Zdanowski, Mostowski), logic (Ono and Ueda), proof theory (Sadowski) and intuitionistic analysis (Veldman). Chapter 2, Science, contains contributions to the philosophy of science (Weber, Kieseppä, Philström) and philosophical problems of special sciences — biology (Hon, Wheeler), chemistry (Hendry), and physics (Cachro and Placek, Ridderbos, Vermaas). Chapter 3, Language, includes articles devoted to the realism/anti-realism debate (Dubucs and Marion, Witek) and the problems of truth (Woleński, Gauker) and modality (Materna, Lindström). Finally, Chapter 4, Cognition, addresses issues in the analyses of concepts (Kuznetsov), creativity (Brinck), scientific inquiry (Hendricks and Pedersen), and in decision theory (Dacey).

The editorial work on this book was initiated and led by Artur Roj-szczak until his tragic death on September 27th, 2001. To our great sorrow, the volume turned out to be the last work of this promising philosopher and our good friend.

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Philosophical Dimensions of Logic and Science
Selected Contributed Papers from the 11th
International Congress of Logic, Methodology, and
Philosophy of Science, Kraków, 1999
Rojszczak, A.; Cachro, J.; Kurczewski, G. (Eds.)
2003, XII, 396 p., Hardcover
ISBN: 978-1-4020-1645-5