

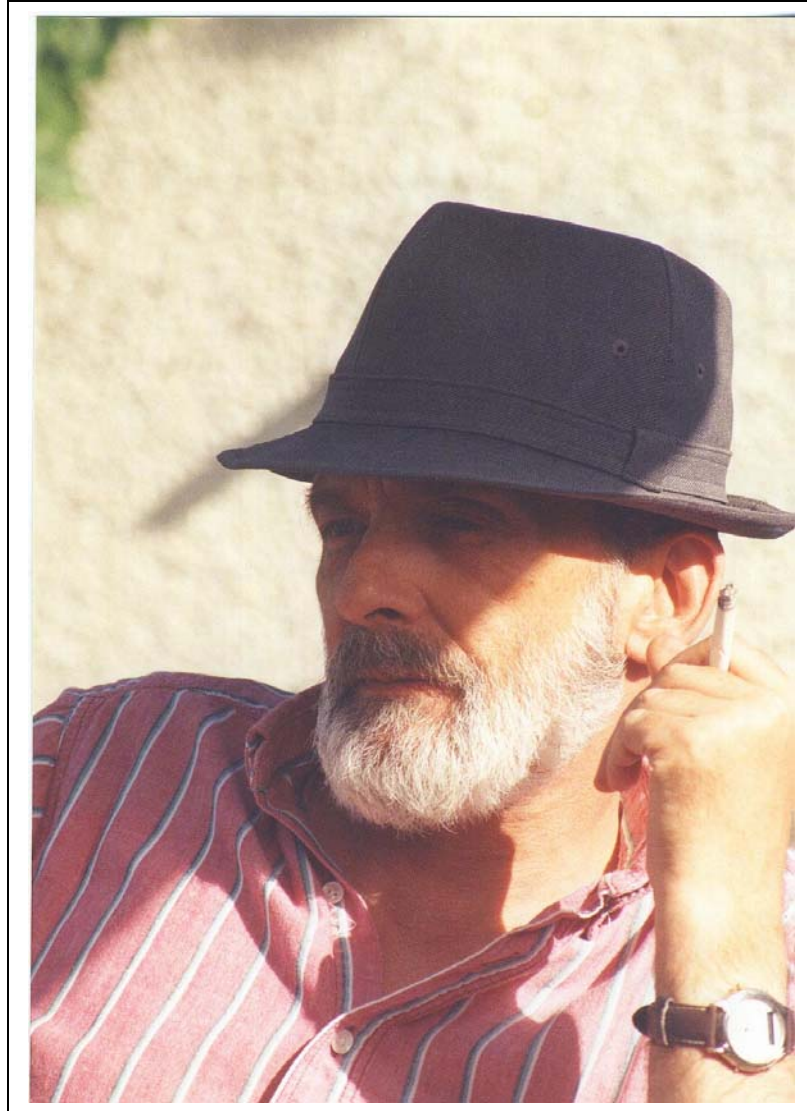
STUDIES IN LOGIC, GRAMMAR AND RHETORIC

UNDER THE AUSPICES
OF THE POLISH ASSOCIATION FOR LOGIC AND PHILOSOPHY OF SCIENCE

From Insight to Proof

*Festschrift in Honour
of Andrzej Trybulec*

Edited by ROMAN MATUSZEWSKI
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**This volume is dedicated to Andrzej Trybulec
on the occasion of his 65th birthday**

Preface

This volume is dedicated to Andrzej Trybulec on the occasion of his 65th birthday

Andrzej Trybulec created the Mizar language and has been the leader of the Mizar Project since its conception. He obtained his PhD in mathematics (topology) but has also accomplished significant results in algebraic linguistics. He has continuously pursued his passions in mathematics and linguistics since 1973, when he started researching computer-oriented formalization of mathematics. One of the goals of this research has been a better understanding of the process of mathematical creation – from insight to proof.

Andrzej Trybulec is a pioneer in building a computer-checked database of mathematical knowledge and a visionary in the application of automated reasoning to real mathematical practice. For over 30 years, his results have been essential to world-wide research in this field. He has greatly advanced our understanding of rigorous formalized mathematics. The impact of his work is visible in several articles in this volume.

The 65th birthday of Andrzej Trybulec in 2006 prompted his students and colleagues to reflect on his achievements by publishing this volume. In doing so, we recognize Andrzej as an influential scientist and at the same time express our appreciation for his stimulating personality. This Festschrift consists of 21 articles covering three thematic categories:

- Logic,
- The Language of Mathematics,
- Computerized Mathematical Knowledge.

In the Table of Contents, however, we have not conducted a formal division – within the articles, themes, as always, intermingle with one another. Some researchers who could not contribute to this volume have forwarded congratulations to Andrzej. Their names are included in “Tabula Gratulatoria”.

The editors would like to thank the following people for their substantial help in preparing this publication: Grzegorz Bancerek, Pauline N. Kawamoto, Adam Naumowicz, Piotr Rudnicki, Jarosław Sokołowski, Kazimierz Trzęsicki, Josef Urban, Freek Wiedijk.

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