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# Mathematical Knowledge Management

Third International Conference, MKM 2004  
Białowieża, Poland, September 19-21, 2004  
Proceedings



Springer

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# Preface

The International Conference on Mathematical Knowledge Management has now reached its third edition, creating and establishing an original and stimulating scientific community transversal to many different fields and research topics. The broad goal of MKM is the exploration of innovative, semantically enriched, digital encodings of mathematical information, and the study of new services and tools exploiting the machine-understandable nature of the information. MKM is naturally located in the border area between digital libraries and the mechanization of mathematics, devoting a particular interest to the new developments in information technology, and fostering their application to the realm of mathematical information. The conference is meant to be a forum for presenting, discussing and comparing new tools and systems, standardization efforts, critical surveys, large experiments, and case studies. At present, we are still getting to know each other, to understand the work done by other people, and the potentialities offered by their work to our own research activity. However, the conference is rapidly acquiring scientific strength and academic interest, attracting more and more people and research groups, and offering a challenging alternative to older, more conservative conferences.

July 2004

Andrea Asperti  
Grzegorz Bancerek  
Andrzej Trybulec

# Organization

MKM 2004 was organized by the Institute of Computer Science, University of Białystok in co-operation with the Faculty of Computer Science, Białystok Technical University and the Association of Mizar Users.

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