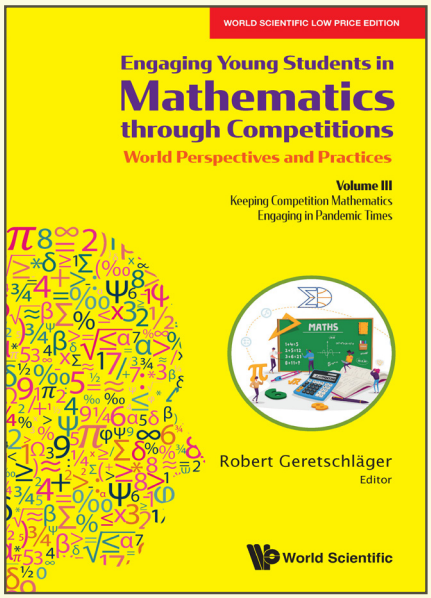
Engaging Young Students in Mathematics through Competitions
World Perspectives and Practices
Volume III — Keeping Competition Mathematics Engaging in Pandemic Times



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ABOUT THE BOOK

Engaging Young Students in Mathematics through Competitions presents a wide range of topics relating to mathematics competitions and their meaning in the world of mathematical research, teaching and entertainment. Following the earlier two volumes, contributors explore a wide variety of fascinating problems of the type often presented at mathematics competitions. In this new third volume, many chapters are directly related to the challenges involved in organizing competitions under Covid-19, including many positive aspects resulting from the transition to online formats. There are also sections devoted to background information on connections between the mathematics of competitions and their organization, as well as the competitions' interplay with research, teaching and more.

The various chapters are written by an international group of authors involved in problem development, many of whom were participants of the 9th Congress of the World Federation of National Mathematics Competitions in Bulgaria in 2022. Together, they provide a deep sense of the issues involved in creating such problems for competition mathematics and recreational mathematics.

READERSHIP

This book is most suited as a reference text for organisers of mathematics competitions and math didactics researchers. However, it would also be suitable for a general audience, particularly math puzzle enthusiasts, as well as students training for the sorts of math competitions discussed in this book.

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