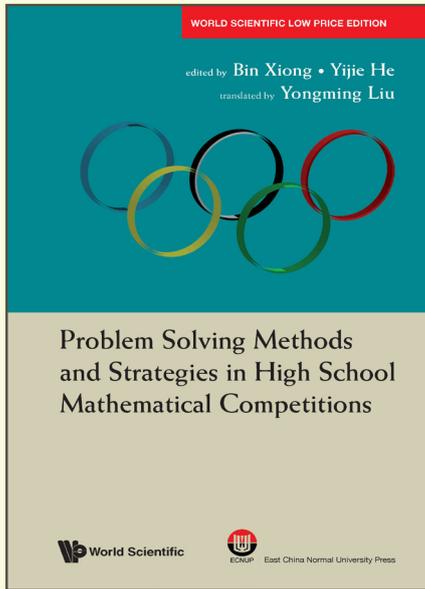


Problem Solving Methods and Strategies in High School Mathematical Competitions



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ABOUT THE BOOK

This book not only introduces important methods and strategies for solving problems in mathematics competition, but also discusses the basic principles behind them and the mathematical way of thinking.

It may be used as a valuable textbook for a mathematics competition course or a mathematics education course at undergraduate and graduate level. It can also serve as a reference book for students and teachers in primary and secondary schools.

The materials of this book come from a book series of Mathematical Olympiad Competition. It is a collection of problems and solutions of the major mathematical competitions in China. The translation is done by Yongming Liu.

The authors are mathematical competition teachers and researchers, many China's national team coaches and national team leaders. Many techniques and approaches in the book come directly from their own research results.

READERSHIP

Senior high school students and math teachers, undergraduate in mathematics, amateurs interested in mathematics.

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- Proofs by Contradiction
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