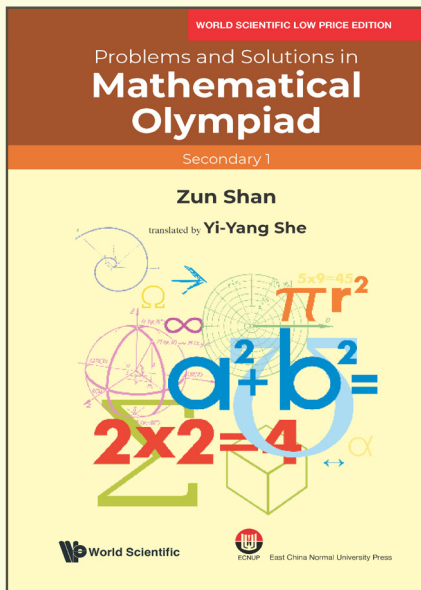


Problems and Solutions in Mathematical Olympiad Secondary 1



By **Zun Shan**
(Nanjing Normal University, China)

ISBN	9798886131239
Extent	364pp
Binding	Paperback
Year	2025
Price	Rs. 1595

ABOUT THE BOOK

The series is edited by the head coaches of China's IMO National Team. Each volume, catering to different grades, is contributed by the senior coaches of the IMO National Team. The Chinese edition has won the award of Top 50 Most Influential Educational Brands in China.

The series is created in line with the mathematics cognition and intellectual development levels of the students in the corresponding grades. All hot mathematics topics of the competition are included in the volumes and are organized into chapters where concepts and methods are gradually introduced to equip the students with necessary knowledge until they can finally reach the competition level.

In each chapter, well-designed problems including those collected from real competitions are provided so that the students can apply the skills and strategies they have learned to solve these problems. Detailed solutions are provided selectively. As a feature of the series, we also include some solutions generously offered by the members of Chinese national team and national training team.

READERSHIP

Secondary school students engaged in mathematical competition, coaches in mathematics teaching, and teachers setting up math elective courses.

CONTENTS

- Ingenious Computation of Rational Numbers
- Absolute Value
- First-Degree Equation with One Variable
- System of First-Degree Equations
- Application of a System of First-Degree Equations

- Setting Up (Systems of) Equations to Solve Word Problems
- (System of) First-Degree Inequalities
- Multiplication and Division of Polynomials with Integer Coefficients
- Line Segments
- Angles
- Sum of the Interior Angles of a Triangle
- Parallel Lines
- Assigning Variables Unnecessary for Solution
- Undetermined Coefficients
- Synthetic Division and Polynomial Remainder Theorem
- Simplifying and Evaluating an Algebraic Formula
- Logical Inference I
- Logical Inference II
- Divisibility
- Odd Numbers and Even Numbers
- Prime Numbers and Composite Numbers
- The Rule of Sum and the Rule of Product
- Number of Divisors
- Positional Notation
- Modular Arithmetic
- First-Degree Diophantine Equation with Two Unknowns
- The Drawer Principle

For orders and enquiries, please contact us:



FEELBOOKS PVT. LTD.

DELHI	4381/4 Ansari Road, Daryaganj, New Delhi 110002 Pushendra Kumar Mobile: +91 9015043442	Tel: +91-11-47472630 Email: orders@feelbooks.in
BENGALURU	C-22, Brigade MM, KR Road, Jayanagar 7th Block, Bengaluru 560070 Shekar Reddy Mobile: +91 9945234476	Tel: +91-80-26762129 Email: bangalore@feelbooks.in
MUMBAI	Vijay Kumar Mobile: +91 9871176434	Email: vkumar@feelbooks.in
CHENNAI	G Srinivasan Mobile: +91 9003047502	Email: gsrinivasan@feelbooks.in
KOLKATA	Dhrubajyoti Bhattacharjee Mobile: +91 9836160013	Email: dbhattacharjee@feelbooks.in
HYDERABAD	K.S.Vishwanath Mobile: +91 9871745850	Email: kvishwanath@feelbooks.in

For Catalogues & title lists: marketing@feelbooks.in



For any queries, please email us at marketing@feelbooks.in