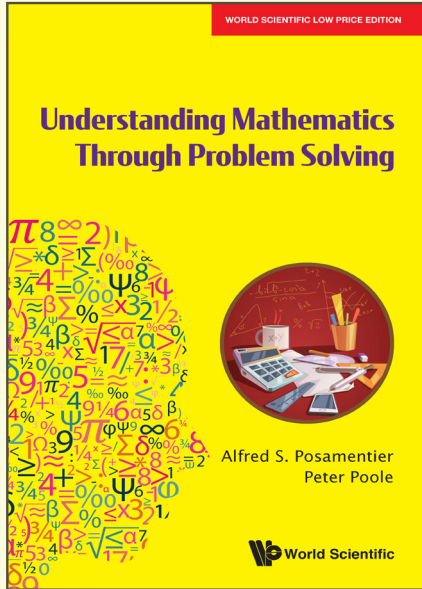


Understanding Mathematics Through Problem Solving



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ABOUT THE BOOK

This book will present a collection of mathematical problems — lighthearted in nature — intended to entertain the general readership. Problems will be selected largely for the unusual and unexpected solutions to which they lend themselves. Some interesting contents included:

- counterintuitive solutions to simple mathematical problems;
- entertaining mathematical problems;
- important and useful mathematical solutions to problems;
- problem solutions for mathematics to general usage;
- visual mathematical problems;
- timely mathematical problems.

All in all, the book is meant to entertain the general readership and to convince them about the power and beauty of mathematics.

READERSHIP

General readership in mathematics.

CONTENTS

- Introduction
- Problem Solving in Mathematics
- Entertaining Mathematical Problems
- Counterintuitive Solutions to Simple Mathematical Problems
- Important and Useful Mathematical Solutions to Problems
- Problem Solving for Mathematics in General Usage
- Visual Mathematical Problems