

# Preface

In comparison with the first edition of this work, the main new features of this version of the book are these:

- A number of important new problems have been added.
- Many solutions to the problems presented in the first edition have been revised.
- Alternative solutions to several problems have been provided
- Section 4.6.5, “Blundon’s Inequalities,” has been added. It contains a brand new geometric proof of the fundamental triangle inequality based on the distance formulas established in the previous subsections.
- A number of typographical errors and  $\text{\LaTeX}$  infelicities have been corrected.
- A few new works have been added to the references section.

We would like to thank all readers who have written to us to express their appreciation of our book, as well as to all who provided pertinent comments and suggestions for future improvement of the text. Special thanks are given to Cătălin Barbu, Dumitru Olteanu, Cosmin Pohoăță, and Daniel Văcărețu for their careful proofreading of the material included in this edition.

Happy reading!

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