

## Preface to the Second Edition

The first edition of Marek Kuczma's book *An Introduction to the Theory of Functional Equations and Inequalities* was published more than 20 years ago. Since then it has been considered as one of the most important monographs on functional equations, inequalities and related topics. As János Aczél wrote in Mathematical Reviews "... *this is a very useful book and a primary reference not only for those working in functional equations, but mainly for those in other fields of mathematics and its applications who look for a result on the Cauchy equation and/or the Jensen inequality.*"

Based on the considerably high demand for the book, which has even increased after the first edition was sold out several years ago, we have decided to prepare its second edition. It corresponds to the first one and keeps its structure and organization almost everywhere. The few changes which were made are always marked by footnotes.

Several colleagues helped us in the preparation of the second edition. We cordially thank Roman Ger for his advice and help during the whole publication process, Karol Baron and Zoltán Boros for their conscientious proofreading, and Szabolcs Baják for typing and continuously correcting the manuscript. We are grateful to Eszter Gselmann, Fruzsina Mészáros, Gyöngyvér Péter and Pál Burai for typesetting several chapters, and we would like to thank the publisher, Birkhäuser, for undertaking and helping with the publication.

The new edition of Marek Kuczma's book is paying tribute to the memory of the highly respected teacher, the excellent mathematician and one of the most outstanding researchers of functional equations and inequalities.

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and Inequalities

Cauchy's Equation and Jensen's Inequality

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