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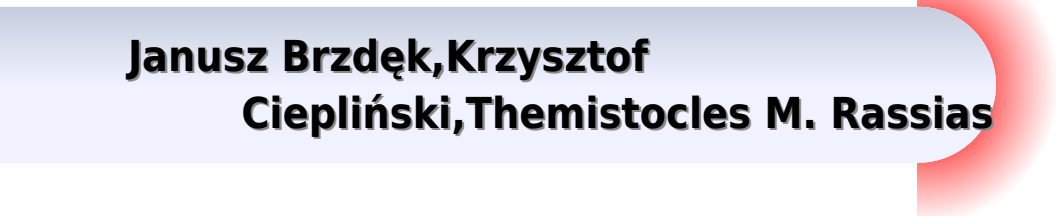
ITERATIVE FUNCTIONAL EQUATIONS

MAREK KUCZMA, BOGDAN CHOCZEWSKI
and ROMAN GER



Iterative Functional Equations

**Janusz Brzdęk, Krzysztof
Ciepliński, Themistocles M. Rassias**



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Talwong, Mahāwitthayālai Kasētsāt. Department of Mathematics, 2004 Iteration Theory and Its Functional Equations

Roman Liedl, Ludwig Reich, György Targonski, 2014-01-15 **Iteration Theory and Its Functional Equations** Roman Liedl, Ludwig Reich, György I. Targonski, 1985 **Developments in Functional Equations and Related Topics** Janusz

Brzdęk, Krzysztof Ciepliński, Themistocles M. Rassias, 2017-08-14 This book presents current research on Ulam stability for functional equations and inequalities Contributions from renowned scientists emphasize fundamental and new results methods and techniques Detailed examples are given to theories to further understanding at the graduate level for students in mathematics physics and engineering Key topics covered in this book include Quasi means Approximate isometries Functional equations in hypergroups Stability of functional equations Fischer Muszly equation Haar meager sets and Haar

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ON THE STABILITY OF A FUNCTIONAL EQUATION FOR GENERALIZED TRIGONOMETRIC FUNCTIONS ROMAN BADORA
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Abstract In the present paper the stability result concerning a functional equation for generalized trigonometric functions is presented Z **Linear Iterative Functional Equations with Random-valued Functions** Janusz Marian Morawiec, 2023

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unreachable to the curious and intelligent precollege student The present book is an attempt to eliminate this disparity The book opens with a review chapter on functions which collects the relevant foundational information on functions plus some material potentially new to the reader The next chapter presents a working definition of functional equations and explains the difficulties in trying to systematize the theory With each new chapter the author presents methods for the solution of a particular group of equations Each chapter is complemented with many solved examples the majority of which are taken from mathematical competitions and professional journals The book ends with a chapter of unsolved problems and some other auxiliary material The book is an invaluable resource for precollege and college students who want to deepen their knowledge of functions and their properties for teachers and instructors who wish to enrich their curricula and for any lover of mathematical problem solving techniques In the interest of fostering a greater awareness and appreciation of mathematics and its connections to other disciplines and everyday life MSRI and the AMS are publishing books in the Mathematical Circles Library series as a service to young people their parents and teachers and the mathematics profession **A**

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