Special Issue

Approximation Theory and Related Applications

Message from the Guest Editor

In recent years, we have observed increasing interest in various aspects of approximation theory. This has arisen from the increase in the complexity of mathematical models that require computer calculations and the development of approximation theory theoretical bases. In this Special Issue, we will cover the field of approximations in special function classes, fractional approximations, approximation operators, approximations of functions of infinitely many variables, numerical analysis, harmonic analysis, and applications of approximation theory. Our goal is to gather articles reflecting new trends approximation theory and related topics.

Guest Editor

Prof. Dr. Yurii Kharkevych

Department of Theory of Functions and Methods of Teaching Mathematics, Lesya Ukrainka Volyn National University, 13 Voli Ave., 43025 Lutsk, Ukraine

Deadline for manuscript submissions

closed (31 July 2022)

Axioms

About the Journal

Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Humberto Bustince
Department of Statistics, Computer Science and Mathematics, Public University of Navarra, 31006 Pamplona, Spain

Author Benefits

Open Access
— free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility:
indexed within SCIE (Web of Science), dblp, and other databases.

Journal Rank:
JCR - Q2 (Mathematics, Applied)