# Special Issue

## Theory of Functions and Applications

### Message from the Guest Editor

The current Special Issue, "Theory of Functions and Applications", aims to publish the new and modern results in the field of the theory of functions, in particular, the theory of functions of a real variable, the theory of approximations, the theory of functions of a complex variable, and the theory of entire and meromorphic functions. The applied aspects of the theory of functions are also of particular interest. Topics include, but are not limited to, the following:

- Theory of functions of a real variable;
- Approximation theory;
- Asymptotic analysis;
- Approximation of solutions of differential and integral equations;
- Trigonometric polynomials, inequalities, extremal problems;
- Harmonic analysis;
- Theory of functions of complex variables;
- Analytic functions and their generalizations;
- Entire and meromorphic functions;
- Applications involving function theory of real and complex analyses.

### Guest Editor

Dr. Inna Kalchuk

Faculty of Information Technologies and Mathematics, Lesya Ukrainka Volyn National University, 43025 Lutsk, Ukraine

### Deadline for manuscript submissions

closed (20 June 2023)

# 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

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