

## Special Issue

# Applications in Functional Analysis

### Message from the Guest Editor

This Special Issue's focus is "Functional Analysis" and all its applications. Indeed, today, functional analysis techniques play an important role in many research areas related to pure and applied mathematics, where the linear structure strongly interplays with the topological and order and algebraic properties of the underlying vector space. Thus, this Special Issue will focus on pure mathematical tools and all their applications. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: the geometry of Banach spaces, functional equations, summability, statistical and ideal convergence, partial orders, lineability, and all related applications.

- sequence spaces
- functional equations
- geometry of banach spaces
- ideal and filter convergence
- partial orders
- linear operators
- summability
- convexity
- topological vector spaces
- lineability

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### Guest Editor

Dr. Paolo Leonetti

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### Deadline for manuscript submissions

31 December 2025



## Axioms

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## 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.

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### Editor-in-Chief

Prof. Dr. Humberto Bustince

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