

## Special Issue

# Recent Advances in Special Functions and Applications

### Message from the Guest Editor

With the development of scientific techniques, various transformations have appeared in diverse areas of the sciences, engineering and humanities, ranging from genomics and health sciences to economics, finance and machine learning. To handle physical problems related to various transformations, integral transform, Fourier–Feynman transform and several transformations in function space have become a hot topic in functional analysis. Transform analysis poses many challenges, particularly for numerical analysis with non-polynomial dimensionality or high-dimensional structures. Therefore, new and innovative theories for transform need to be developed. As one of hottest research topics in functional analysis, various transformations are of great attraction to researchers. We invite investigators to contribute original research articles as well as review articles that will stimulate the continuing efforts to develop efficient transformations and applications concerning the analysis of transformation.

---

### Guest Editor

Prof. Dr. Hyun Soo Chung  
Department of Mathematics, Dankook University, Cheonan 31116,  
Republic of Korea

---

### Deadline for manuscript submissions

closed (30 July 2024)



## Axioms

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.5



[mdpi.com/si/152109](https://mdpi.com/si/152109)

*Axioms*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[axioms@mdpi.com](mailto:axioms@mdpi.com)

[mdpi.com/journal/  
axioms](https://mdpi.com/journal/axioms)





# Axioms

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.5



[mdpi.com/journal/  
axioms](https://mdpi.com/journal/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) Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.7 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).