

## Special Issue

# Boundary-Value and Spectral Problems

### Message from the Guest Editors

We have launched a Special Issue of *Axioms* that will present current perspectives in the classical and modern development of the theory of boundary-value and spectral problems that address the interactions between differential equations, operator theory, and spectral theory. This issue will focus on the theory of boundary-value and spectral problems for ODEs, PDEs, and their applications. Differential equations have played a central role in mathematical modeling of a wide variety of phenomena in physics, biology, and other applied sciences. Boundary-value and spectral problems are a well-known but still quite active area of research. Their study is not only driven by theoretical interest but also the fact that these types of problems occur naturally when modeling real-world applications. We hope to provide a platform to bring together experts, as well as young researchers in the area to promote and share knowledge and to foster communications and applications. We invite research papers as well as review articles.

---

### Guest Editors

Prof. Dr. Vladimir Mikhailets

Institute of Mathematics of National Academy of Sciences of Ukraine, 3 Tereshchenkivs'ka, 01004, Kyiv, Ukraine

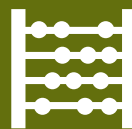
Prof. Dr. Aleksandr Murach

Institute of Mathematics of National Academy of Sciences of Ukraine, 3 Tereshchenkivs'ka, Kyiv 01004, Ukraine

---

### Deadline for manuscript submissions

closed (31 August 2022)



## Axioms

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.9



[mdpi.com/si/73282](https://mdpi.com/si/73282)

*Axioms*

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 1.9



[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 - Q1 (Mathematics, Applied)