

Special Issue

Mathematical Control and Applications

Message from the Guest Editors

We would like to announce the launch of a Special Issue of *Axioms*, entitled “Mathematical Control and Applications”. We would like to provide the scientific community with an opportunity to share recent developments in the many branches of both theoretical and numerical studies in mathematics related to mathematical control and applications. For this Special Issue, we will consider research on topics in the following non-exhaustive list:

- Mathematical analysis and the numerical resolution of optimal control problems in PDEs and ODEs;
- Mathematical analysis and the numerical resolution of inverse problems in PDEs and ODEs;
- Numerical optimization;
- Automatic differentiation applied to the numerical resolution of optimization problems;
- Data assimilation;
- Other fields that have some intrinsic connections with control theory.

In addition to these topics, we will be open to further ideas for this Special Issue. We hope that this initiative is of interest to you and encourage you to submit your current research for inclusion in the Special Issue.

Guest Editors

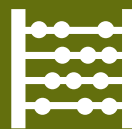
Dr. Francisco Javier Fernández Fernández

Prof. Dr. Alberto Cabada

Dr. Miguel Ernesto Vazquez-Mendez

Deadline for manuscript submissions

closed (31 October 2022)



Axioms

an Open Access Journal
by MDPI

Impact Factor 1.9



mdpi.com/si/70520

Axioms
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)