

## 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.

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### Guest Editors

Dr. Francisco Javier Fernández Fernández

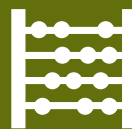
Prof. Dr. Alberto Cabada

Dr. Miguel Ernesto Vazquez-Mendez

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### Deadline for manuscript submissions

closed (31 October 2022)



## 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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