

## Special Issue

# Advances in Mathematics and Its Applications

### Message from the Guest Editors

In this Special Issue, we try to integrate models, methods, and also applications, not only in the scope of traditional natural sciences, but also opening the scope to education and other social sciences. Theory and data-driven models, even in a synergy that gives rise to producing fertile, multidisciplinary, and hybrid models, can be considered. Potential topics include, but are not limited to:

- Numerical and modelling analysis;
- Optimization and evolutionary algorithms models and methods;
- Deterministic differential equations: methods and models;
- Random differential equations: methods and models;
- Numerical solution of large systems of linear and nonlinear equations;
- Educational models and methods;
- Social networks models and methods;
- Engineering models and simulation;
- Analysis modelling in economics and finance;
- Algebraic models and methods with applications;
- Intelligent data analysis models and methods.

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### Guest Editors

Prof. Dr. Jesús Martín Vaquero

Prof. Dr. Deolinda M. L. Dias Rasteiro

Prof. Dr. Araceli Queiruga-Dios

Dr. Fatih Yilmaz

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### Deadline for manuscript submissions

closed (31 March 2023)



## 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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