

Special Issue

Numerical Algebra and Its Applications

Message from the Guest Editors

Numerical algebra, a fundamental discipline in computational mathematics, serves as a cornerstone for AI and big data. Focusing on efficient algorithms and related analysis for matrix and tensor computations, it provides essential tools for scientific computing and engineering applications. This Special Issue of *Axioms* aims to showcase cutting-edge research presented at the 2025 South China Workshop on Numerical Algebra and Its Applications. We seek to compile the most recent and innovative advances in numerical algebra from leading experts in the field.

Guest Editors

Prof. Dr. Wen Li

School of Mathematical Sciences, South China Normal University,
Guangzhou 510631, China

Prof. Dr. Qingsong Zou

School of Computer Science and Engineering, Sun Yat-sen University,
510006 Guangzhou, China

Deadline for manuscript submissions

31 January 2026



Axioms

an Open Access Journal
by MDPI

Impact Factor 1.6



mdpi.com/si/245671

Axioms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
axioms@mdpi.com

mdpi.com/journal/

axioms





Axioms

an Open Access Journal
by MDPI

Impact Factor 1.6



[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)