

Special Issue

Advanced Numerical Linear Algebra

Message from the Guest Editors

Numerical linear algebra plays numerous important roles in mathematics and other sciences. This Special Issue focuses on the theory behind numerical linear algebra, as well as algorithms and applications thereof. This Special Issue will explore (but is not limited to) the following topics:

- Eigenvalues of matrices.
- Various decompositions of matrices.
- Solving matrix equations.
- Quaternion matrices.
- Computing generalized inverses.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

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JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).