

Special Issue

Theory and Applications of Random Matrix

Message from the Guest Editor

I would like you to consider submitting a paper for publication in a Special Issue of *Mathematics* (published by MDPI) on the topic of Theory and Applications of Random Matrix. The purpose of this Special Issue is to publish high-quality papers within this broad theme within a fairly short period of time to ensure timeliness, a higher impact and a wider reach, beyond the traditional mathematics and statistics communities. The submitted paper can fit into one of the following subtopics, although it need not be limited to these.

- Application of random matrix theory in high-dimensional statistical inference.
- Random matrix models for dependent observations.
- High-dimensional principal components and canonical correlation analysis.
- Universality phenomena in random matrix theory.
- Application of free probability to the analysis of spectral behavior of large random matrices.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2024)



Mathematics

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Impact Factor 2.2
CiteScore 4.6



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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.

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Prof. Dr. Francisco Chiclana

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Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).