

Special Issue

Functional Analysis, Topology and Quantum Mechanics II

Message from the Guest Editors

The scope of this Special Issue deals with the strong interaction between the operator theory and the geometry of Banach spaces and topological vector spaces. Applications of the two aforementioned theories to quantum systems are very welcome.

- Banach spaces and algebras
- Hilbert spaces
- Selfadjoint operator
- Convexity and smoothness
- Algebras of continuous functions
- Measure spaces
- Effect algebras
- Series and summability
- Quantum systems
- Probability density operator
- Unbounded observables

Guest Editors

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Prof. Dr. Francisco Javier Garcia-Pacheco

Dr. Adrián Ruiz Serván

Deadline for manuscript submissions

closed (30 March 2023)



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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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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).