

# Special Issue

## Recent Developments in Harmonic Analysis: Theory and Applications

### Message from the Guest Editor

Harmonic analysis is a fundamental and important part of modern mathematics. It originated from the study of the heat equation in the early 19th century. After two centuries of development, it has become one of the core fields of modern mathematics. It is connected to many mathematical research fields such as the representation theory of groups, partial differential equations, analytic number theory, geometric measure theory, spectral and scattering theory, mathematical physics, and more. This Special Issue presents recent results and developments in harmonic analysis and its applications, as well as in the theory of function spaces and operators.

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### Guest Editor

Prof. Dr. Jiman Zhao

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### Deadline for manuscript submissions

30 June 2026



## Mathematics

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### 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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### Editor-in-Chief

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