Recent Advances in Harmonic Analysis and Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Harmonic analysis is one of the core areas of modern analytical mathematics. Over the centuries, it has formed a huge subject system and has important and profound applications in the fields of mathematics, information processing, probability, and quantum mechanics.

This Special Issue, entitled "Recent Advances in Harmonic Analysis and Applications", is devoted to collecting research papers on the recent progress in harmonic analysis, as well as some applications in various fields of mathematics, such as partial differential equations, probability, and geometry. We would like to invite original research articles that provide new results in this subject. All topics in harmonic analysis and related applications are welcome, in particular, the theory of linear and multilinear Calder\'{o}n-Zygmund operators, real analysis and abstract analysis, etc. Potential topics can be related to, but are not limited to, the keywords listed below.

Special Issue

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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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