

Special Issue

Modern Analysis and Partial Differential Equations, 2nd Edition

Message from the Guest Editors

Modern analysis, including, but not limited to, harmonic analysis, functional analysis, microlocal analysis, and geometric analysis, is a central topic within mathematical analysis. Growing out of modern analysis, it has developed significantly into many areas, including dynamic systems and differential equations, both pure and applied. This Special Issue, titled “Modern Analysis and Partial Differential Equations II,” is designed to promote the modern analysis method in general, but with a preference for application-oriented papers or survey papers describing concrete aspects of modern analysis and their applications to partial differential equations. Topics to be covered include (though this is not an exhaustive list): Operator theory and operator algebra, Harmonic analysis, Nonlinear partial differential equations; Geometric analysis, Dynamic systems, etc. Each manuscript should clearly indicate its motivation and highlight.

Guest Editors

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Deadline for manuscript submissions

closed (29 February 2024)



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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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