

Special Issue

Advances in PDE-Based Models, Artificial Intelligence and Deep Learning

Message from the Guest Editor

This proposed Special Issue deals with all these mentioned connections between PDE models, AI systems, and deep learning, especially those related to image analysis and computer vision, the main purpose being the dissemination of advanced and original research in these scientific domains and bringing together of researchers working in partial differential equations, image processing and analysis, computer vision, artificial intelligence, and deep learning, so as to extend the existing knowledge in these important fields. We thus encourage you to send high-quality papers that disseminate new research achievements for this issue.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 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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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).