Special Issue

Approximation and Computation for Numerical Analysis: Latest Advances and Prospects

Message from the Guest Editors

In recent years, numerical analysis has had various applications in different areas of applied mathematics as well as in applied sciences such as biology, physics, engineering, and so on. In this Special Issue, we want to draw attention to mathematical methods used in numerical analysis, especially in approximation approaches using spline functions, radial functions, polynomial functions, etc. In particular, we aim to explore the simulation of real problems using PDE variations or a similar technique; real-life applications of these problems to applied sciences (engineering, geology, physics, biology, etc.); and all possible computer programming simulations of these problems. High-quality papers are welcome in this Special Issue. All submitted papers must be clearly written in English and should comprise original or review work that has not been published or is currently under review by any other journals or conferences.

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Deadline for manuscript submissions

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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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