



Special Issue on Numerical Analysis

Call for Papers

Numerical Analysis studies algorithms and computational methods for obtaining approximate solutions to mathematical problems that are difficult or impossible to solve exactly. It focuses on accuracy, stability, efficiency and error estimation in computations. The field applies mathematical theory and computer-based techniques to problems in science, engineering, economics and data analysis, supporting reliable modeling, simulation and decision-making.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Numerical Analysis**. Potential topics include, but are not limited to:

- Numerical linear algebra
- Interpolation and approximation theory
- Numerical integration and differentiation
- Numerical partial differential equations
- Computational methods for integral equations
- Error analysis and stability
- Iterative methods
- Monte carlo methods
- Computational geometry and graphics
- Finite element method
- Inverse problems
- Numerical optimization and nonlinear equations
- Numerical methods for stochastic processes
- High-performance numerical computing
- Scientific computing and simulation
- Computational fluid dynamics

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – Numerical Analysis**” should be chosen during your submission.

According to the following timetable:



Submission Deadline	August 10th, 2026
Publication Date	October 2026

For publishing inquiries, please feel free to contact the Editorial Assistant at submission.entrance1@scirp.org

APM Editorial Office