



Special Issue on
Scientific Computing and Numerical Analysis

Call for Papers

Numerical analysis, area of mathematics and computer science that creates, analyzes, and implements algorithms for obtaining numerical solutions to problems involving continuous variables. Such problems arise throughout the natural sciences, social sciences, engineering, medicine, and business. Since the mid 20th century, the growth in power and availability of digital computers has led to an increasing use of realistic mathematical models in science and engineering, and numerical analysis of increasing sophistication is needed to solve these more detailed models of the world. The formal academic area of numerical analysis ranges from quite theoretical mathematical studies to computer science issues.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **scientific computing and numerical analysis**. In this special issue, potential topics include, but are not limited to:

- Root finding
- Systems of equations
- Least-squares approximation
- Interpolation
- Integration
- Direct and iterative methods
- Numerical stability and well-posed problems

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 specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - *Scientific Computing and Numerical Analysis***” should be selected during your submission.

Special Issue timetable:

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