



Special Issue on Numerical Analysis and Its Applications

Call for Papers

Numerical analysis is concerned with all aspects of the numerical solution of a problem, from the theoretical development and understanding of numerical methods to their practical implementation as reliable and efficient computer programs. Most numerical analysts specialize in small subfields, but they share some common concerns, perspectives, and mathematical methods of analysis. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in this area of **numerical analysis and its applications**.

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

- Theory and practice of computational methods
- Mathematical models of elasticity theory, hydrodynamics, fluid dynamics, and geophysics
- Mathematical modeling
- Functional analysis
- Variational formulation of elliptic problems
- Finite element approximation
- Numerical approximation and computational geometry

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 – Numerical Analysis and Its Applications**” should be selected during your submission.

Special Issue timetable:

Submission Deadline	October 30th, 2019
Publication Date	December 2019

Guest Editor:

For further questions or inquiries



Scientific Research
Open Access

**Journal of Applied
Mathematics and Physics**
ISSN Online: 2327-4379

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