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## Special Issue on Mathematical Analysis and Applications

### Call for Papers

The academic topic of "Mathematical Analysis and Applications" explores the fundamental principles and techniques of mathematics, particularly those related to analysis, such as calculus, differential equations, complex analysis, and functional analysis. This field studies not only the theoretical underpinnings of these concepts but also their practical applications in various domains, including physics, engineering, economics, computer science and more. By bridging the gap between pure mathematics and its real-world applications, it empowers researchers to solve complex problems and advance knowledge across diverse areas.

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

- Real numbers and real analysis
- Complex analysis
- Functional analysis
- Numerical analysis and scientific computing
- Harmonic analysis and Fourier analysis
- Combinatorial analysis
- Differential equations and dynamical systems
- Applied partial differential equations
- Optimal control
- Cauchy problems
- Boundary value problems
- Probability theory and mathematical statistics
- Nonlinear analysis
- Finite element analysis
- Mathematical physics

**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 – *Mathematical Analysis and Applications***" should be chosen during your submission.



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According to the following timetable:

Submission Deadline	July 11th, 2024
Publication Date	September 2024

For publishing inquiries, please feel free to contact the Editorial Assistant at [submission.entrance1@scirp.org](mailto:submission.entrance1@scirp.org)

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