Special Issue on Iterative Method and Its Applications

Call for Papers

Iterative methods are algorithms commonly used in numerical analysis to approximate solutions to equations or systems of equations. These methods involve a repetitive process that progressively approaches the desired solution. Iterative methods provide a flexible and powerful approach to solve large-scale numerical problems with broad ranging applications in science, engineering, and technology.

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

- Approximation
- Convergence
- Optimization
- Linear algebra
- Differential equations
- Finite difference methods
- Finite element methods
- Parallel computing
- Machine learning
- Artificial intelligence
- Data analytics
- Monte Carlo simulation
- Jacobi method
- Gauss-Seidel method
- Conjugate gradient method
- Gradient descent
- Stochastic gradient descent

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 - *Iterative Method and Its Applications***" should be selected during your submission.

Special Issue Timetable:

Submission Deadline	August 15th, 2024
Publication Date	October 2024

Guest Editor:

For further questions or inquiries, please contact Editorial Assistant at am@scirp.org.