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## Special Issue on Number Theory

### Call for Papers

Number Theory is an academic discipline that deals with the properties and relationships of integers and numbers as a whole. It explores the fundamental concepts of prime numbers, divisibility, congruence, and arithmetic functions. Researchers in this field study the patterns and properties of numbers to uncover deeper insights into their behavior and distribution. Number Theory has practical applications in cryptography, computer science, and coding theory, while also serving as the foundation for various mathematical disciplines, including algebra and analysis.

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

- Theory of prime numbers
- Algebraic number theory
- Analytic number theory
- Algebraic number theory
- Diophantine equation
- Arithmetic geometry
- Computational number theory
- Cryptographic number theory
- Elementary number theory
- Geometric number theory
- Transcendental number theory
- Probabilistic number theory
- Arithmetic combinatoric
- Modular forms and elliptic curves
- Number theory and complex analysis
- Number theory and discrete mathematics

**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 – Number Theory**” should be chosen during your submission.



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According to the following timetable:

Submission Deadline	October 21st, 2024
Publication Date	December 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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