



Recent Advances in Number Theory and Their Applications

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Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

The selected contributions must be high-quality papers that outline recent progress in the theory of advances in number theory and their applications. In addition, the selected and duly-refereed papers will be published in this Special Issue. Therefore, all manuscripts must be written to be accessible to a broad scientific but mathematically advanced audience. ...

Potential topics include, but are not limited to the following topics:

- Algebra and Analytic Number Theory
- Special numbers and Special functions
- Geometry and Its Applications
- Combinatorics and Probability
- Polynomials and Orthogonal systems
- Q-theory and Its Applications
- Pure and Applied Mathematics & Statistics
- Mathematical Analysis
- Mathematical Physics
- Fractional Calculus and Its Applications
- Approximation Theory and Optimization
- Extremal problems and Inequalities
- Integral Transformations, Equations and Operational Calculus
- Partial Differential Equations
- Mathematical Methods and Computation in Engineering





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Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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