Special Issue

New Developments in Number Theory

Message from the Guest Editor

In this Special Issue, we would like to include recent developments in several branches of number theory, including arithmetic geometry, the theory of modular and automorphic forms and the Langlands program, analytic number theory, algebraic number theory, Galois theory, Arakelov geometry, Diophantine equations and applications to cryptography. This century has already seen several remarkable results in each and every one of these branches, and current research will certainly lead to new exciting developments, some of which we would like to include in this Special Issue. We welcome research papers on both theoretical and computational aspects of each of the subjects described.

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Deadline for manuscript submissions

closed (10 February 2022)

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an Open Access Journal by MDPI

**Impact Factor 2.2
CiteScore 4.6**

About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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