Special Issue

Fuzzy Sets and Fuzzy Algebras

Message from the Guest Editor

We are pleased to invite you to contribute to this Special Issue on "Fuzzy Sets and Fuzzy Algebras" with an original research article focusing on all aspects of fuzzy sets theory. In mathematics, fuzzy sets have given rise to new research topics in category theory, topology, and algebra. In addition, fuzzy sets have strong logical connections and play a central role in multi-valued logics. Thus, several algebras are associated with these logics (e.g. MV-algebras, BL-algebras, MTL-algebras, Gödel algebras, residuated lattices, etc.) and are integral parts of fuzzy sets and algebras. Furthermore, fuzzy sets have a wide range of applications in various fields, thanks to their ability to handle uncertainty and imprecision. In this Special Issue, contributions on fuzzy sets from the point of view of fundamental mathematics or applications are all welcome.

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Deadline for manuscript submissions

28 February 2026

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Mathematics

an Open Access Journal by MDPI

**Impact Factor 2.2
CiteScore 4.6**

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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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