Fuzzy Sets and Fuzzy Algebras

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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.

Special Issue

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Message from the Editor-in-Chief

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