

## Special Issue

# Recent Advances in Fuzzy Sets and Related Topics

### Message from the Guest Editor

The concept of fuzzy sets, introduced by Zadeh in 1965, is a simple yet very powerful and efficient mathematical framework that can formally characterize an imprecise concept. Fuzzy set theory can deal with problems relating to ambiguous, subjective, and imprecise judgments where the classical mathematical and statistical techniques are often unsatisfactory.

Therefore, the applications of fuzzy sets and systems are wide, for example, in artificial intelligence, expert systems, decision making, control engineering, pattern recognition, data mining, and robotics. We are pleased to invite you to contribute some of your most recent research to this Special Issue, titled "Advances in Fuzzy Sets and Related Topics".

---

### Guest Editor

Dr. Boldizsár Tüü-Szabó

Department of Information Technology, Széchenyi István University,  
9026 Győr, Hungary

---

### Deadline for manuscript submissions

closed (31 March 2025)



## Axioms

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.6



[mdpi.com/si/161203](https://mdpi.com/si/161203)

*Axioms*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[axioms@mdpi.com](mailto:axioms@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[axioms](https://axioms)





# Axioms

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.6



[mdpi.com/journal/  
axioms](https://mdpi.com/journal/axioms)



## About the Journal

### Message from the Editor-in-Chief

*Axioms* is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

---

### Editor-in-Chief

Prof. Dr. Humberto Bustince

Department of Statistics, Computer Science and Mathematics, Public  
University of Navarra, 31006 Pamplona, Spain

---

### Author Benefits

#### Open Access

— free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High visibility:

indexed within SCIE (Web of Science), dblp, and other databases.

#### Journal Rank:

JCR - Q2 (Mathematics, Applied)