

## Special Issue

# Mathematical Fuzzy Logic in the Emerging Fields of Engineering, Finance, and Computer Sciences

### Message from the Guest Editor

With more than 50 years of literature, fuzzy logic has gradually progressed from an emerging field to a developed research domain, encompassing the subdomain of **mathematical fuzzy logic (MFL)** which targets the many-valued logics and has significantly contributed to the logical foundations of fuzzy set theory (FST). Indeed, thanks to the strong interest from researchers, the literature on the modelling and theory of MFL has expanded rapidly, improving our understanding of this domain and enabling to target a wide range of complex problems in many applicative contexts ranging from the medical sciences to finance, commerce, engineering, and computer sciences.

### Guest Editor

Dr. Amit K. Shukla

School of Technology and Innovations, University of Vaasa, Wolffintie 34, FI-65200 Vaasa, Finland

### Deadline for manuscript submissions

closed (10 July 2022)



## Axioms

an Open Access Journal  
by MDPI

Impact Factor 1.6



[mdpi.com/si/92936](https://mdpi.com/si/92936)

*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)