

# Special Issue

## Advances in Differential Geometry and Curves

### Message from the Guest Editor

Differential geometry serves as the foundational language of the physical universe, evolving from classical local characterizations to the complex global analysis of modern manifolds. At the heart of this evolution lies the theory of curves and surfaces, which remains one of the most dynamic and vital areas of mathematical research. This Special Issue aims to provide a high-impact platform for researchers to present original theorems, innovative derivations, and interdisciplinary applications. Our vision is to bridge the gap between classical geometric foundations and the computational demands of the 21st century. We invite submissions that explore the intrinsic and extrinsic properties of geometric structures across various space forms, including Euclidean, Minkowski, and Galilean spaces. The beauty of differential geometry lies in its ability to combine aesthetic perfection with logical necessity. Your research in this field is vital to our collective understanding of geometric structures. I invite you to share your latest findings and contribute to a volume that will serve as a reference for years to come.

---

### Guest Editor

Dr. Süleyman Şenyurt

Department of Mathematics, Ordu University, Ordu 52200, Turkey

---

### Deadline for manuscript submissions

30 April 2027



## Mathematics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.3  
CiteScore 5.4



[mdpi.com/si/282729](https://mdpi.com/si/282729)

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

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





# Mathematics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.3  
CiteScore 5.4



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



## 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.

---

### Editor-in-Chief

Prof. Dr. Francisco Chiclana  
School of Computer Science and Informatics, De Montfort University,  
The Gateway, Leicester LE1 9BH, UK

---

### Author Benefits

#### High Visibility:

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

#### Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.4 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2026).