

# Special Issue

## Advances of Functional and High-Dimensional Data Analysis

### Message from the Guest Editor

Functional data are referred to as data whose observation units are functions (curves, surfaces, or anything else varying over a continuum), and high-dimensional data are referred to as data whose dimension or number of features is of comparable size or is larger than the number of observations. With the development of modern data collection technology, functional and high-dimensional data are commonly seen and readily available in many research areas nowadays. They present a variety of new challenges because classical theories and methodologies can surprisingly fail to work. Therefore, in the past two decades, much attention has been paid to developing new theories and methodologies for analyzing functional and high-dimensional data. In this Special Issue, we are interested in research papers concerned with theoretical, computational, or data analytic aspects of functional and high-dimensional data analysis. In order to be considered for publication, a paper should have developed some new theories or methodologies for analyzing functional or high-dimensional data. Quick publication is possible for interesting research work.

---

### Guest Editor

Prof. Dr. Jin-Ting Zhang

Department of Statistics and Applied Probability, National University of Singapore, Singapore, Singapore

---

### Deadline for manuscript submissions

closed (30 November 2023)



## Mathematics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.6



[mdpi.com/si/88873](https://mdpi.com/si/88873)

*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 2.2**  
**CiteScore 4.6**



[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 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).