

# Special Issue

## Optimization and Control for Unmanned Systems and Intelligent Logistics

### Message from the Guest Editors

This Special Issue highlights the critical role of theoretical innovation and technological integration in advancing the autonomy and reliability of unmanned systems and its applications in intelligent logistics. This platform aims to showcase cutting-edge research that bridges fundamental modeling with practical optimization and control methodologies, addressing the most pressing challenges in modern unmanned systems engineering and logistics applications. This Special Issue aims to foster interdisciplinary dialogue by focusing on the deep convergence of optimization theory, control algorithms, sensing-actuating, logistics system modeling technologies. It seeks to explore how mathematical frameworks—ranging from differential geometry to optimization theory—can underpin the design of robust optimization and control strategies for unmanned systems operating in complex, uncertain logistics environments. By emphasizing both model-driven precision and data-driven adaptability, the issue targets breakthroughs that enhance the safety, efficiency, and scalability of unmanned systems across diverse applications.

---

### Guest Editors

Prof. Dr. Dali Zhang

Sino-US Global Logistics Institute, Shanghai Jiao Tong University,  
Shanghai 200030, China

Dr. Dongfang Li

School of Electrical Engineering and Automation, Fuzhou University,  
Fuzhou 350108, China

---

### Deadline for manuscript submissions

31 October 2026



## Mathematics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.6



[mdpi.com/si/241632](https://mdpi.com/si/241632)

*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 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).