

# Special Issue

## Developments of Vehicle Dynamics and Intelligent Control

### Message from the Guest Editor

This Special Issue focuses on the latest advancements and emerging trends at the intersection of vehicle dynamics and intelligent control systems. As the automotive industry shifts towards automation and electrification, traditional vehicle dynamics are being fundamentally reshaped by intelligent decision-making and actuation. The scope of this issue encompasses innovative research on vehicle state estimation, chassis integrated control, path planning, and motion control for autonomous and electric vehicles. We invite contributions that explore the synergy between mechanical systems and artificial intelligence, including the application of machine learning, robust control, and V2X technologies to enhance vehicle stability, safety, and energy efficiency. The aim is to provide a comprehensive platform that showcases cutting-edge theoretical developments and practical implementations driving the future of intelligent mobility.

---

### Guest Editor

Dr. Yaoji Deng

College of Mechanical Engineering, Yangzhou University, Yangzhou 225127, China

---

### Deadline for manuscript submissions

30 November 2026



## Mathematics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 5.4



[mdpi.com/si/276099](https://mdpi.com/si/276099)

*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 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 17.3 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).