

Special Issue

Advanced Intelligent Algorithms for Decision Making under Uncertainty

Message from the Guest Editors

In today's rapidly changing technology and data landscape, decision-making increasingly faces uncertainty. The Special Issue "Advanced Intelligent Algorithms for Decision Making Under Uncertainty" highlights recent studies on algorithms that optimize decision-making under uncertain conditions using machine learning, AI, and other computational techniques across various fields like industry, finance, and healthcare. The complexity and unpredictability of the business environment make management decisions difficult, with challenges from competition, political instability, and economic changes. Managers often must make risky decisions with limited information. The focus is on developing modern strategies for effective business management in these uncertain conditions.

Guest Editors

Dr. Stoyan Tranev

Faculty of Natural Sciences, "Prof. Asen Zlatarov" University, Burgas 8000, Bulgaria

Dr. Velichka Traneva

Faculty of Natural Sciences, "Prof. Asen Zlatarov" University, Burgas 8000, Bulgaria

Deadline for manuscript submissions

31 December 2025



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 4.0



mdpi.com/si/213926

Mathematics

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

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





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 4.0



[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 18.3 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2024).