Special Issue

Topological Methods in Nonlinear Analysis

Message from the Guest Editor

The importance of nonlinear analysis in mathematics and applications is nowadays obvious, and there is still a growing number of new papers in this area. Topological methods have proven themselves to be very powerful tools in this area from the very beginning. We encourage you to submit research and review papers focused on both novelties in methods and applications in various areas of nonlinear mathematics. Both single-valued and set-valued operators are of interest, as well as special types of solutions of differential and integral equations and inclusions, symmetry properties, and similar phenomena, which can be treated by topological means. Results on the dynamic and asymptotic properties of solutions to ODE and PDE are also welcome.

Guest Editor

Prof. Dr. Zdzisław Dzedzej

Faculty of Applied Mathematics and Technical Physics, Gdańsk University of Technology, 80-233 Gdańsk, Poland

Deadline for manuscript submissions

closed (31 October 2020)

Σ

Mathematics

mdpi.com/si/39888

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

MDPI

Σ

Mathematics

an Open Access Journal by MDPI

Impact Factor 2.2 CiteScore 4.6

MDPI

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).