



New Trends in Variational Methods in Nonlinear Analysis

Guest Editor:

Prof. Dr. Marek Galewski

Institute of Mathematics, Lodz
University of Technology,
Wolczanska 215, 90-924 Lodz,
Poland

Deadline for manuscript
submissions:

closed (31 October 2022)

Message from the Guest Editor

Dear Colleagues,

This Special Issue, entitled “New Trends in Variational Methods in Nonlinear Analysis”, is aimed at the applications of various variational techniques showing their interplays with other fields of nonlinear analysis. Application-oriented papers as well as survey papers describing recent developments of variational methods and their applications to both ordinary and partial differential equations are welcomed.

As topics within the scope of this issue, let us mention (without being exhaustive) the following: existence and multiplicity of solutions to nonlinear equations, variational principles, localization results, links to topological and monotonicity methods, and diverse applications to boundary value problems.

Each paper should clearly indicate its focus and motivation for the setting and what kind of impact one may expect from the results presented in this paper.

Prof. Dr. Marek Galewski

Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank: JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Contact Us

Mathematics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/mathematics
mathematics@mdpi.com
[X@MathematicsMDPI](https://twitter.com/MathematicsMDPI)