



Advances on Nonlinear Functional Analysis

Guest Editor:

Prof. Dr. Laszlo Stacho

Bolyai Institute, University of
Szeged, Szegedi
Tudományegyetem (SZTE), 6725
Szeged, Hungary

Deadline for manuscript
submissions:

closed (31 October 2024)

Message from the Guest Editor

Since the appearance of quantum physics, the importance of investigating infinite dimensional systems and constructing associated algebraic structures is a constant minor issue, continuously leading to new branches of research. Here, we launch a Special Issue on the *Mathematics* journal platform, titled "Advances on Nonlinear Functional Analysis".

As for the general character, we welcome papers concerning manifolds modeled on topological vector spaces, both in real and complex settings, with particular attention paid to nonlinear flows of endomorphisms subjected to various constrains.

Moreover, we also welcome papers aiming to exhibit relevant applications in physics, ordinary differential equations, partial differential equations, quantum informatics, along with related algebraic topics, such as those covered by the MSC2010 Classification themes 08Cxx, 12E-Kxx, 13xx, 14J-Qxx, 15xx (in a nonlinear context), 16G-Txx, 17XX (of special interest), 20F-Pxx, 22xx (of special interest), 30H-Lxx, 31C-Exx, 32xx (of special interest), 34-37xx (with infinite dimensional relevance), 44-45xx, 46xx (of special interest), and 47-49xx (with infinite dimensional relevance).





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)