



## Nonlinear Equations: Theory, Methods, and Applications II

Guest Editors:

**Prof. Dr. Ravi P. Agarwal**

Emeritus Research Professor of  
Department of Mathematics and  
Systems Engineering, Florida  
Institute of Technology,  
Melbourne, FL 32901, USA

**Prof. Dr. Bashir Ahmad**

Nonlinear Analysis and Applied  
Mathematics (NAAM)-Research  
Group, Department of  
Mathematics, Faculty of Science,  
King Abdulaziz University, P.O.  
Box 80203, Jeddah 21589, Saudi  
Arabia

Deadline for manuscript  
submissions:

**closed (15 June 2022)**

### Message from the Guest Editors

Dear Colleagues,

It is our pleasure to announce the launch of a new Special Issue of *Mathematics* on the topic of “Nonlinear Equations: Theory, Methods, and Applications II”. While the list below is by no means exclusive, some of the topics we would be interested in covering in this Special Issue include:

- Ordinary differential equations;
- Delay differential equations;
- Functional equations;
- Equations on time scales;
- Partial differential equations;
- Fractional differential equations;
- Stochastic differential equations;
- Integral equations;
- Applications of Fixed-Point Theorems to Nonlinear Equations.

We look forward to your contributions.

Prof. Dr. Ravi P. Agarwal

Prof. Dr. Bashir Ahmad

*Guest Editors*





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](http://www.mdpi.com)

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