

Special Issue

Graph Theory and Applications, 3rd Edition

Message from the Guest Editor

Following the resounding success of our first two volumes, we are delighted to announce the launch of a third volume of this Special Issue. Your enthusiastic participation and high-quality contributions have solidified this series as a vibrant platform for cutting-edge research at the intersection of graph theory and its diverse applications. For this third volume, we continue to welcome innovative submissions that explore the following topics:

- **Theoretical advancements** in graph theory with potential real-world implications,
- **Interdisciplinary applications** in biology, computer science, complex/social networks, and engineering,
- **Emerging domains** where graph-based methods offer novel solutions (e.g., AI, sustainability, or healthcare systems).

Whether your work presents foundational theories or demonstrates impactful applications, we invite you to join this thriving scholarly dialogue. Let us push the boundaries of graph theory's transformative potential together. We look forward to receiving your contributions!

Guest Editor

Prof. Dr. Darren Narayan

School of Mathematical Sciences, Rochester Institute of Technology,
Rochester, NY, USA

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

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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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.4 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2026).