

# Special Issue

## Recent Advancement in Mathematics of Soft Computing Strategies and Applications

### Message from the Guest Editors

Recently, there have been tremendous technological innovations, especially in the availability of varied types of large data sets, data handling and analytics of various application domains, such as social, medical imaging, disease, life style, industrial, etc., where complex pattern finding, classification, optimization and mathematical model development are the most significant and challenging tasks. In order to disseminate the updated knowledge in this field, we invite articles in the form of original research articles, reviews, or case studies primarily focused on advancement in mathematical model. Computational framework, classification methods such as deep learning machine learning, etc., play an important role for data handling with current challenges. Relevant topics include, but are not limited to, the following:

- Discrete mathematical structures and application;
- Advances in algebra;
- Deep learning machine learning and application;
- Statistics and probability;
- Big data analytics;
- Multivariate optimization;
- Matrix computation;
- Health informatics;
- Medical imaging;
- Emerging topics in applied mathematics.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 August 2024)



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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.

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### Editor-in-Chief

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