# Special Issue

## Advances in Computing Methods for Artificial Intelligence

### Message from the Guest Editors

Recent innovations in neural networks' architectures, parallel computing, and the availability of large datasets have reinvigorated research in Artificial Intelligence (AI). This paradigm shift is evident in stability theory in computation, pattern recognition, knowledge discovery, computer vision, natural language processing, image processing, quantum computing, etc. In this issue, we invite researchers to contribute unpublished works to this emerging area of science. Specifically, we seek theoretical, recent developments or survey papers with substantial contributions of AI in fields such as Information Theory, Graph Theory, Numerical Methods, Dynamical Systems, Computational Complexity, Engineering, Cybersecurity, Biomedical, Bioinformatics, Environmental Science, Neuroscience, Healthcare, Financial Services, Cryptography, etc.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 May 2025)

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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

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