

# Special Issue

## Intelligent Computing & Optimization

### Message from the Guest Editors

The rapid progress of intelligent computing techniques—such as evolutionary computation, swarm intelligence, and metaheuristics—has expanded the landscape of optimization research. These nature-inspired or learning-driven algorithms offer strong adaptability, robustness, and the ability to solve complex, high-dimensional, multi-objective problems beyond the reach of traditional methods. This Special Issue highlights advances at the intersection of intelligent computing and optimization. We welcome submissions on algorithm design, theory, computational efficiency, and real-world applications. Contributions proposing novel frameworks, integrating machine learning, or tackling challenges in transportation, energy, healthcare, logistics, smart manufacturing, and sustainability are especially encouraged. Topics include (but are not limited to): evolutionary computation, swarm intelligence, reinforcement learning, neural architecture search, multi-objective and constrained optimization, large-scale and surrogate-assisted optimization, and hybrid metaheuristics. Our goal is to promote innovation and collaboration in addressing today's complex optimization challenges.

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### Guest Editors

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### Deadline for manuscript submissions

30 June 2026



## Mathematics

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## About the Journal

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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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