

Special Issue

Edge Computing: Optimization and Applications

Message from the Guest Editors

This Special Issue aims to gather innovative research focused on advanced computing techniques and their real-world applications within the realm of edge computing, optimization, and artificial intelligence. As edge computing continues to grow in prominence, it presents unique challenges related to resource management, latency reduction, computational efficiency, and artificial intelligence designs, which require innovative optimization strategies. We invite authors to submit papers that provide in-depth analysis, present new theoretical frameworks, or showcase practical implementations that push the boundaries of what is possible in edge computing scenarios. The aim of this Special Issue is to foster a deeper understanding of how optimization techniques and current advancements of artificial intelligence can enhance the performance of edge computing, particularly in resource-constrained settings, and promote the practical deployment of edge technologies in real-world applications.

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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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