

Special Issue

Recent Advances in Quantum Optimization

Message from the Guest Editor

I am pleased to invite you to contribute to this Special Issue that provides a platform for original research that fills research gaps in quantum optimization. Specifically, the scope of this Special Issue covers the development of innovative quantum algorithms that tackle optimization problems, preferably problems stemming from application areas with more complex structures, uncertain data, or multiple objectives. Research areas may include (but are not limited to) the following: quantum optimization algorithms on gate-based quantum computers, hybrid algorithms using quantum annealing, quantum multiobjective optimization algorithms, quantum robust optimization algorithms, and the benchmarking of quantum optimization algorithms.

We look forward to receiving your contributions.

Guest Editor

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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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