Special Issue

Graph-Theoretic Problems and Their New Applications

Message from the Guest Editor

Nowadays, graph theory plays a vital role in many disciplines. We invite you to submit your latest original research results in all aspects of graph theory to this Special Issue. We are looking both for new and innovative approaches for traditional graph-theoretic problems and well as for new applications of graph theory in emerging fields, such as in network security, computer science and data analysis, bioinformatics, operations research, engineering and manufacturing, physics and chemistry, linguistics, or social sciences. Both theoretical results, as well as new graph algorithms, with investigations of their computational complexity will be considered. Below, we give an exemplary, but not exhaustive, list of potential subjects for submissions to this Special Issue.

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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