

Special Issue

Graph Theoretic Concepts in Data Science, 2nd Edition

Message from the Guest Editor

In recent years, the mining of unstructured data became a relevant field in both science and practical applications. Hidden graph structures have proven to be very useful in the analysis of seemingly unstructured data sets. The graph representation of these data makes it possible to use powerful methods of graph data science, and gives inspiration to develop new methods. Network science and graph mining have become key disciplines providing the methodology for processing and analysing graph structured data. The powerful methods of the above fields made it possible to discover the patterns and describe the dynamics of networked systems. The aim of this Special Issue is to provide a forum for researchers in graph theory and data science to share their original results about the integrated use of both fields. Graph theoretic papers motivated by data science problems as well as data science applications based on graph theoretic solutions are both welcome.

Guest Editor

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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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