



Graph Theoretic Concepts in Data Science

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Deadline for manuscript
submissions:

closed (31 July 2022)

Message from the Guest Editor

Network science and graph mining became the key disciplines to provide the methodology for processing and analysing of graph structured data. The powerful methods of the above fields made it possible to discover the patterns and describe the dynamics of networked systems. On the other hand, though the classical field of graph theory ensures the modelling framework, the recent progress in discrete models and methods such as algorithmic and structural graph theory still has a limited use in data science.

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 considered.





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Message from the Editor-in-Chief

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