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Computational Methods and Graph Theory

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Network data are ubiquitous and constantly accumulating. Furthermore, efficient computational analysis of large graphs is paramount, as is determining how algorithms may be tailored to specific network topologies.

In this Special Issue, we focus on the efficient analysis of network data, with a particular interest in understanding how topological information can be leveraged using methods and algorithms for the analysis, querying, compression, characterization, and comparison of network data. Of particular interest are methods which can run efficiently either on general graphs or on networks possessing specific topological properties. Particular preference will be given to papers which provide novel proof of the efficiency, existence, or non-existence of efficient algorithms for graphs with specific topologies.

Dr. Wayne B Hayes Guest Editor



Specialsue





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Message from the Editor-in-Chief

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