



Advances in Network Modeling, Analysis and Optimization

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Message from the Guest Editors

The recent decade has witnessed revolutionary developments in various layers of networking. In this Special Issue, we aim to attract contributions reflecting novel applications and/or new developments of mathematical approaches (e.g., integer linear programming, combinatorial optimization approaches, queueing theory, graph theory, exact/approximation/online algorithms, decomposition-based approaches) in the arising network paradigms. We are particularly interested in studies concerning the modelling, analysis, and optimization of emerging network problems in the following (nonexhaustive) list of domains:

1. Software-defined networks;
2. Network virtualization;
3. Network function virtualization;
4. Edge/fog/cloud computing;
5. Internet of Things (IoT);
6. Optical networks;
7. Social networks;
8. Vehicular networks.





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Message from the Editor-in-Chief

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