



Dynamic Complex Networks: Models, Algorithms, and Applications

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Message from the Guest Editor

Dear Colleagues,

Dynamical complex networks (DCNs) are ubiquitous as models for many real-world systems whose network properties evolve in time. The present Special Issue is devoted to the network evolution theory, making use of an analogy with the evolutionary models of stabilizing and diversifying selection. In the proposed Special Issue, we aim to organize a broad discussion on network evolution theory and its applications in studies of real-world complex systems.

The topics of this Special Issue include, but are not limited to:

- dynamic complex networks
- statistics of long walks
- graph structural modifications
- stability and synchronization in networks
- entropic force and pressure
- graph node fugacity
- graph node navigability
- graph navigation
- delocalization–localization





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Message from the Editor-in-Chief

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