Special Issue

Foundations of Network Analysis

Message from the Guest Editors

The modelling and investigation of complex system through graphs that integrate biological, biomedical, and clinical data represent a hot topic for the research community.

Networks and network analysis methods are a keystone in computational biology and bioinformatics, and are increasingly used to study biological and clinical data in an integrated way.

This Special Issue primarily focuses on the collection of advanced works on the development of new pipelines, algorithms, and tools for the network analysis of complex systems in different domains.

- network
- network analysis
- network representation learning
- networks alignment
- complex prediction
- network embedding
- pathways analysis
- network models
- network-based bioinformatics methods

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The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

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