Special Issue

Artificial Intelligence in Complex Networks

Message from the Guest Editors

Complex networks offer a unified approach to the study of real-world entities and their connections. Examples of complex networks can be found in many fields of science such as biological systems, economic systems and social systems. In recent years, there has been a significant upsurge of interest in the application of artificial intelligence methods to the study of complex networks. In this context can be ascribed, for example, the suggestion of new connections between entities, the discovery of patterns, and the emergence of structures. This Special Issue welcomes theoretical and experimental contributions in the area of artificial intelligence applications of complex networks. Areas of interest include but are not limited to the following: Link prediction Maximum likelihood Artificial intelligence methods in complex networks Artificial intelligence methods in criminal networks Community detection Network mining Methods for the analysis of network structures

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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