

Special Issue

Complex Network Modeling: Theory and Applications

Message from the Guest Editors

Complex network theory, by correlating disorganized information, allows people to quantify and predict the real-world systems accurately. Although a great deal of research has been conducted on complex networks to date, it is still under-researched for various reasons, including the rapid development of science and technology and the explosion of big data. This Special Issue aims to investigate the theory of complex networks, modelling by use of complex networks, and the application of complex networks to multidisciplinary fields. Submissions of manuscripts on complex network modeling, structure and function analysis, percolation theory; modelling, structural and functional analysis of complex networks; dynamical analysis on complex networks; network control, control and stability of multi-intelligent systems; biological networks, systems biology, biodynamic systems; network analysis of social, economic and technological networks; basic theory and applications of cyber security; complex networks and big data analysis and computation; the intersection of complex systems with other disciplines and their applications, etc. are welcome.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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