



Complexity in Economics and Finance: New Directions and Challenges

Guest Editors:

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Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editors

Over the past 15 years, complex systems and network science have played a key role in our understanding of the systemic dimension of such risks, as well as in devising strategies to improve the resilience and stability of such systems through a fruitful interplay of basic research and policy applications. Furthermore, researchers active in these fields have produced effective tools with which to understand and predict the patterns of economic development and innovation, as well as to further the societal aim of attaining more equal, sustainable and green growth. Rapidly emerging digital technologies and financial infrastructures have also received considerable attention.

We invite papers on topics including, but not limited to:

- Statistical and probabilistic methods in economics and finance;
- Economic behavior, market dynamics and agent-based modeling;
- Empirical and big data analysis of economic and financial systems;
- Network modeling and contagion dynamics for economic and financial relations
- Multilayer or interconnected network representation of such systems;
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Message from the Editor-in-Chief

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.

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