Special Issue

Complexity in Economics and Finance: New Directions and Challenges

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;
- .....

Guest Editors

Dr. Paolo Barucca

Prof. Dr. Irena Vodenska

Dr. Giulio Cimini

Dr. Carolina Mattsson

Deadline for manuscript submissions

closed (31 October 2023)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/144130

Entropy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
entropy@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Kevin H. Knuth
Department of Physics, University at Albany, 1400 Washington Avenue, Albany, NY 12222, USA

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