Special Issue

Entropy and Its Applications across Disciplines III

Message from the Guest Editors

The aim of this Special Issue is to discuss, from both theoretical and applied points of view, the physical and engineering properties of the entropy- and complexity-based models arising in nature and applied sciences. Topics of interest are given below, and papers related to these fields are welcome:

- entropy and complexity of mathematical models with fractional and integer order;
- new analytical and numerical methods in the analysis of problems where entropy and complexity are the main features;
- entropy and complexity in computational methods for differential models;
- entropy and complexity in engineering, fluid dynamics, and thermal engineering problems, as well as problems related to physics, applied sciences, and computer science;
- deterministic and stochastic fractional order models;
- entropy and complexity models in physics and engineering;
- entropy and complexity in analytical and numerical solutions;
- nonlinear dynamical complex systems;
- entropic measure of epistemic uncertainties.

Guest Editors

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Prof. Dr. Yusif S. Gasimov

Prof. Dr. Nicola Cappetti

Deadline for manuscript submissions

closed (31 May 2022)

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About the Journal

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.

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

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