Special Issue

Applications of Entropy in Causality Analysis

Message from the Guest Editors

This Special Issue, entitled "Applications of Entropy in Causality Analysis", welcomes theoretical or application submissions reporting original research on the development and application of entropy-based techniques to quantify, characterize, or model causality through time series. We are also happy to receive reviews and commentaries aligned with the vision of this Special Issue. Specifically, this Special Issue will accept unpublished original papers and comprehensive reviews focused on (but not restricted to) the following research areas:

- Entropy-based approaches for causality analysis
- Data-driven methods for causality analysis
- Process knowledge or model-based connectivity and causality analysis
- Parametric or non-parametric models for cause–effect relations
- Causality inference for root cause analysis
- Applications of causality analysis in (but not limited to) the manufacturing industry, information technology, biological sciences, and social sciences

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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.

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