Special Issue

Intelligent Time Series Model and Its Applications

Message from the Guest Editors

Future projections in certain industries and organizations can determine success and failure, and it is essential to effectively control industry and organizational systems. Forecasting the future from accumulated historical data is a tried-and-true method in fields such as engineering finance. However, applying intelligent time series in all fields can be more problematic due to the time and computational effort required. The advent of intelligent time series, such as the time series neural networks, fuzzy time series, and time series deep learning algorithms provides solutions. The original research articles or comprehensive reviews are welcome to be submitted to this Special Issue. The following topics will be considered for publication in this Special Issue:

- Intelligent time series models;
- Fuzzy time series models;
- Intelligent time series;
- Intelligent feature extraction from time series data;
- Multivariate time series forecasting;
- Efficiency issues on intelligent time series forecasting models;
- Correlation and fluctuation among time series;
- Robust, intelligent time series models;
- All applications of intelligent time series forecasting models.

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Deadline for manuscript submissions

closed (31 December 2022)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/119642

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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.

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Editor-in-Chief

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