



entropy



an Open Access Journal by MDPI

Entropy-Based Fault Diagnosis

Guest Editor:

Prof. Dr. Spyros G. Tzafestas

School of Electrical and
Computer Engineering, National
Technical University of Athens,
Athens, Greece

Deadline for manuscript
submissions:

closed (31 May 2019)

Message from the Guest Editor

Dear Colleagues,

The Special Issue will consider research and review papers using the following (non-inclusive) entropy-based FDD methods:

- Maximum entropy methods.
- Sample entropy methods.
- Approximate entropy methods.
- Single-scale and multi-scale entropy methods.
- Permutation entropy methods.
- Wavelet entropy methods.
- Fuzzy entropy methods.
- Singular entropy methods.
- Neural network entropy methods.
- Entropy-based complexity measures methods.
- Combinations of the above methods (hybrid methods).

Case study papers treating FDD problems of real-life practical systems, and presenting respective experimental/simulation results are mostly welcome.

Prof. Dr. Spyros G. Tzafestas

Guest Editor



mdpi.com/si/19692

Special Issue



entropy



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Kevin H. Knuth

Department of Physics, University
at Albany, 1400 Washington
Avenue, Albany, NY 12222, USA

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [Inspec](#), [PubMed](#), [PMC](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Physics, Multidisciplinary*) / CiteScore - Q1 (*Mathematical Physics*)

Contact Us

Entropy Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/entropy
entropy@mdpi.com
[X@Entropy_MDPI](#)