Entropic-Based Fault Diagnosis

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

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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.

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Contact Us

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

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

entropy@mdpi.com
@Entropy_MDPI