



entropy



an Open Access Journal by MDPI

Theory and Applications of Information Processing Algorithms

Guest Editors:

Prof. Dr. Sergio Cruces

Dr. Iván Durán-Díaz

Dr. Rubén Martín-Clemente

Prof. Dr. Andrzej Cichocki

Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editors

During the last decades of research, we have witnessed a progressive consolidation of the concept of information at the inner core of the design and evaluation of many modern algorithmic procedures for the processing of the observed data. Information measures and statistical divergences have revealed themselves as transversal tools whose widespread use tends to blur some of the already diffuse boundaries between interrelated research fields such as artificial intelligence, cybernetics, statistical signal processing, communications, multimedia processing and biomedical signal analysis.

In this special issue, we encourage researchers to present original results in the use of information and divergence measures as building blocks for both the principles and criteria that drive the processing of the observations and, also, their associated performance evaluation. Possible topics include, but are not limited to, advances in the theory and applications of machine learning for signal processing, shallow and deep learning methods, estimation and detection techniques, compression, model selection or comparison.



mdpi.com/si/67615

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](#)