Special Issue

Theory and Applications of Information Processing Algorithms

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.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2022)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/67615

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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.

Editor-in-Chief

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