Special Issue

Entropy-Based Algorithms for Signal Processing

Message from the Guest Editors

Entropy, the key factor of information theory, is one of the most important research areas in computer science. Entropy coding informs us of the formal limits of today's storage and communication infrastructure. Over the last few years, entropy has become as an adequate trade-off measure in signal processing. Entropy measures especially have been used in image and video processing by applying sparsity and are able to help us to solve several of the issues that we are currently facing. As the daily produced data are increasing rapidly, a more effective approach to encode or compress the big data is required. In this sense, applications of entropy coding can improve image and video coding, remote sensing imaging, quality assessment in agricultural products, and product inspection, by applying more effective coding approaches. This Special Issue calls for recent studies on various signal processing approaches that are based on entropy coding. Papers of both a theoretical and applicative nature are welcome, as well as contributions regarding new image and video processing techniques for the entropy research community.

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Deadline for manuscript submissions

closed (31 May 2020)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/31910

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About the Journal

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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