Special Issue

Information Theory in Computer Vision and Artificial Intelligence

Message from the Guest Editors

This Special Issue is collecting cutting-edge research ideas on the use of information theory in computer vision and artificial intelligence. Topics of interest include, but are not limited to:

- Information-theoretic metrics in DNN loss designs, such as mutual information, KL divergence, and Wasserstein loss etc.
- Uncertainty analysis of DNNs.
- Probabilistic DNNs.
- Heterogenous-sources-based fusion in AI.
- Meta-learning methods.
- Explainable AI.
- Applications of CV and AI.

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Deadline for manuscript submissions

closed (20 August 2023)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/142868

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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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