Special Issue

Information Theoretic Learning with Its Applications

Message from the Guest Editors

In the rapidly evolving field of data science, Information Theoretic Learning (ITL) emerges as a cornerstone for uncovering complex patterns in data through the lens of information theory. This Special Issue of Entropy, titled "Information Theoretic Learning with Its Applications", aims to explore the frontier of ITL and its transformative applications across various disciplines. Topics of interest include but are not limited to

- Information theory
- Entropy-based algorithms
- Mutual information in supervised and unsupervised learning
- Information bottleneck methods
- Applications of ITL in various domains

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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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