Special Issue

Entropy in Machine Learning Applications

Message from the Guest Editor

This Special Issue will include but not be limited to applications using machine learning methods, including construction and application of managed pressure drilling knowledge graphs with extended cross-entropy loss, computational characterization of undifferentially expressed genes with altered transcription regulations, entropy weighted water quality prediction methods based on long-short term memory and data correlation analysis, convolutional networks with cross-entropy as the loss function based on transfer learning for rice disease detection, and semantic disambiguation of advertising vocabulary based on knowledge graphs.

Guest Editor

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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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