Special Issue

Entropy Weight Methods of Combining Classifiers in Distributed Learning Area

Message from the Guest Editor

Decision-making processes where an optimized decision is taken on the basis of observed data are common in every aspect of human activity. Machine learning models can in some cases mimic human decision-making processes, classify objects, and even enable more optimized decision/classification than humans can achieve. Making decisions using data from more than a single source is known to be more effective than when using data from a single source. The utilization of multiple data sources makes it possible to gain a comprehensive understanding of the entire case and avoid bias. It is common that knowledge on a subject is not limited to one source but collected in fragments by independent units. However, classification based on multiple data sources also comes with some challenges, including data security, poor data quality, and data inconsistency, among others.

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.

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Editor-in-Chief

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