Special Issue

Advances in Information Sciences and Applications

Message from the Guest Editor

With the rapid advancement of artificial intelligence, information science proves its importance again as a core technique for realizing effective, efficient, and robust intelligent systems. Although the information techniques frequently used for the analytical purpose, such as optimizing artificial neural networks' generalization performance, also impacts all the processing pipeline for transforming data to information such as data preparation, preprocessing, modeling, analysis, interpretation, and evaluation. As a result, it plays an essential role in diverse fields relating information sciences such as intelligent systems, genetic algorithms and modeling, expert and decision support systems, bioinformatics, self-adaptation systems, self-organizational systems, data engineering, data fusion, perceptions and pattern recognition, and text processing.

This Special Issue aims to solicit and publish papers that provide a clear view of state-of-the-art research activities in information sciences and diverse backgrounds in engineering, mathematics, statistics, computer science, biology, cognitive science, neurobiology, behavioral sciences, and biochemistry.

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.

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