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Pattern Recognition and Data Clustering in Information Theory

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Message from the Guest Editors

This Special Issue on Pattern Recognition and Data Clustering in Information Theory applies specialized algorithms in signals acquired by different sensors to solve problems related to the automated recognition of patterns and regularities in data in the fields of engineering and computer science.

The goal of the Special Issue is to collect original clustering-based research papers that develop or apply new theory to solve issues, for example, in the fields of artificial vision, signal and image processing, information retrieval, data compression, computer graphics, and machine learning. Topics of interest include, but are not limited to:

- Filtering;
- Enhancement and restoration;
- Segmentation;
- Classification and recognition.



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Special Issue



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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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