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Entropy Methods for Physiological Signal Analysis

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Message from the Guest Editor

Physiological signals, encompassing a wide range of measurements from the human body, help us understand various aspects of health and well-being. The use of entropy methods in analyzing physiological signals has emerged as a powerful tool for uncovering hidden patterns, quantifying information, and enhancing our understanding of complex physiological processes.

This Special Issue aims to gather cutting-edge research and innovative applications of entropy-based approaches in physiological signal analysis. We invite original research articles, review papers, and contributions that explore the utilization of entropy measures in diverse physiological signal domains, including (but not limited to) EEG, ECG, EMG, fNIRS, and more.



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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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