Special Issue

Entropy Based Image Registration

Message from the Guest Editors

The concept of entropy and information indicates the degree of irregularity or uncertainty in a system. Entropy represents the uncertainty, information represents the difference between the maximum and the actual value of entropy of a system. The analysis of this relationship usually becomes manageable once a correspondence is set up between the images by means of the image registration in the analysis of medical images.
This Special Issue collects recent results drawn from research areas of medical imaging and image processing, such as parametric and nonparametric entropy estimation problem from the perspective of image registration, Rényi entropy-based image registration, level set entropy for nonrigid registration, and entropy-based registration algorithm. Contributions addressing any of these issues are very welcome.

Guest Editors

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About the Journal

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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