Special Issue

Entropy in Experimental Design, Sensor Placement, Inquiry and Search

Message from the Guest Editor

Dear Collegues, Entropy, as a measure of uncertainty or missing information, naturally quantifies the process of inquiry. Whether the act of inquiry involves formal questions, verbal requests for information, intelligent search, sensor placement or experimental design, entropy promises to play a prominent role in optimizing these activities by allowing one to quantify the relevance of an act of inquiry. This special issue will bring together researchers who have performed theoretical research in exploring the role of entropy in optimizing relevance, as well as practitioners who have used maximum entropy methods in experimental design, sensor placement and intelligent search.

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.

Editor-in-Chief

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