Special Issue

The Statistical Foundations of Entropy II

Message from the Guest Editors

Following the success of the first Special Issue, we continue this Special Issue as a second volume in order to encourage researchers to present an original piece of work that could contribute to an ongoing discussion on the statistical foundations of entropy, with a particular emphasis on entropies describing complex systems that cannot be described within the established framework. Expected contributions should address, on the one-hand, purely conceptual issues ranging from non-equilibrium statistical physics and (quantum) thermodynamics to information and estimation theory, and on the other hand, they should be related to applications (e.g., in complex dynamical systems, network structures, classical and quantum coding theory or stochastic thermodynamics).

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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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