Special Issue

Entropic and Complexity Measures in Atomic and Molecular Systems

Message from the Guest Editors

The structural features of atomic and molecular systems are known to be strongly related with many of their physical and chemical properties. Within a probabilistic context, information theory plays a central role for an accurate description of the associated uncertainty on the variables involved, and its interpretation in physical terms. Shannon entropy or Fisher information are different examples of entropic descriptors with successful applications on those systems, but many others have also been considered or are emerging at present. Such is the case of complexity measures, frequently but not always derived from the above entropic ones.

The present Special Issue is open to novel contributions on the above topics, but also to others related to them, taking into account the wideness of information theory and its applications. Both analytical and computational results are of interest, as well as the descriptions based on continuous or discrete variables.

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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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