



entropy



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Multifractality and Information Theories: Fundamentals and Applications

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Deadline for manuscript submissions:

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Message from the Guest Editors

Relations among standard information theories and multifractal theories of the motion are intended to be established in this Special Issue (cosmological theories, grand unification theories, scale relativity theories, fractional derivative theories, classical information theory, quantum information theory, fractal information theories, etc.), with special considerations concerning dynamics in biological structures. Different types of information (Fisher, Shannon, etc.) and their correlations with entropy, based on operational procedures, are also expected (group invariances, differential geometries of Riemann type, spatial–temporal compactifications of dimensions, embeddings, etc.).



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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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