Special Issue

Non-Linear Lattice

Message from the Guest Editors

Dear Colleague, The development of mathematical techniques, combined with new possibilities of computational simulation, have greatly broadened the study of Non-Linear Lattices, a theme among the most refined and interdisciplinary of mathematical physics. This Special Issue mainly focuses on state-of-the-art advancements concerning the many facets of Non-Linear Lattices, from the theoretical ones to more applicable ones. The Non-Linear and discrete systems play a key role in all ranges of physical experience, from macrophenomena to condensed matter, up to some models of space discrete time.

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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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