New Trends in Statistical Physics of Complex Systems

Guest Editor:

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Message from the Guest Editor

The aim of this Special Issue is to encourage researchers to present original and recent developments on complex and disordered systems and their applications to physical and physical like systems. For instance, applications of the statistical complex systems range from small systems to nano systems, from molecular biology to micromechanics, networks structures and (multi)-fractal phase space to new results in stochastic thermodynamics. Other good examples may be found in economic and social systems.

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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