Special Issue

Nonlinear Dynamics and Entropy of Complex Systems with Hidden and Self-Excited Attractors III

Message from the Guest Editors

This Special Issue is dedicated to the presentation and discussion of the advanced topics of complex systems with hidden attractors and self-excited attractors. The contribution to the Special Issue should focus on the aspects of nonlinear dynamics, entropy, and applications of nonlinear systems with hidden and self-excited attractors. Potential topics include, but are not limited to, the following:

- Analytical–numerical methods for investing hidden oscillations
- Bifurcation, chaos, and hidden attractors in complex systems
- Chimera states, spiral waves, and pattern formation in networks of oscillators
- Designing new nonlinear systems with desired features
- Fractional order dynamical systems
- Entropy of hidden attractors
- Networks of nonlinear oscillators (like neurons)
- Nonlinear dynamics and chaos in engineering applications
- Nonlinear systems with an infinite number of equilibrium points
- Nonlinear systems with/without equilibrium
- Entropy-based cryptography

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

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