

Special Issue

Thermodynamics, Geometry and Control Theory

Message from the Guest Editor

This Special Issue of the journal will be devoted to the following topics of thermodynamics and its applications:

- Thermodynamics of complex systems equipped with inner structures and inner symmetries. Methods of finding and study their state Lagrangian manifolds and state equations.
- Critical phenomena and phase transitions for solutions of non-linear PDEs and especially critical phenomena in fluid motions.
- Phase transitions, critical exponents, and their relations with theory of Lagrangian singularities.
- Control theory of thermodynamical processes, and especially processes with phase transitions.

Prof. Dr. Lychagin Valentin

Guest Editor

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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.

Editor-in-Chief

Prof. Dr. Kevin H. Knuth

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