Special Issue

Geometry in Thermodynamics

Message from the Guest Editor

Some time ago, thermodynamics gained a reputation of being complete, both in its statement of concepts, and in the scope of its application. Yet a number of geometrical approaches have brought new ideas to the field. The aim of this Special Issue on geometry in thermodynamics is to bring a broad range of such ideas together including, but are not restricted to: symplectic geometry, contact geometry, inner product geometry, metric geometry, information geometry, and Legendre invariant geometry. Applications can include finite-time thermodynamics, fluctuation phenomena, black hole thermodynamics, first and second-order phase transitions, and critical points.

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

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