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Thermodynamics of Materials

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Message from the Guest Editors

The study of material properties is relevant in many different fields, such as energy storage and generation, separation processes, biophysical systems, fluid dynamics, water cleaning, atmospheric chemistry, etc. Thermodynamics provides an approach to study all classes of materials. It is of immense interest for understanding the behavior of material systems from both a fundamental and applied point of view, covering equilibrium and non-equilibrium aspects.

The hope of the Special Issue is to bring together contributors involving the applicability of thermodynamics to the study and description of materials from different points of view. We invite contributions to illustrate this wide utility of thermodynamics.



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Special Issue



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Editor-in-Chief

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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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