Special Issue

Application of Exergy Analysis to Energy Systems

Message from the Guest Editor

The evaluation and improvement of energy-conversion and energy-intensive chemical systems from the perspectives of their sustainability (thermodynamics, economics, and environmental impacts) require a deep understanding of:

- The real thermodynamic inefficiencies and the processes that cause them;
- The costs and environmental impact associated with equipment and thermodynamic inefficiencies as well as the connection between those three important factors;
- The interconnections among efficiency, investment cost, and component-related environmental impact associated with the selection of specific system components; and
- Probable measures that would reduce the inefficiencies, the cost, and the environmental impact of the system being studied.

Research and review papers in the field of application of exergy-based methods are sought for this Special Issue.

Guest Editor

Prof. Dr. Tetyana Morozyuk

Institute for Energy Engineering, Technische Universität Berlin, Berlin, Germany

Deadline for manuscript submissions

closed (30 November 2019)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/27723

Entropy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
entropy@mdpi.com

mdpi.com/journal/entropy

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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
Department of Physics, University at Albany, 1400 Washington Avenue, Albany, NY 12222, USA

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