Special Issue

Graph and Network Entropies

Message from the Guest Editor

Graphs are now ubiquitous to study quantum and molecular systems, macromolecules and their interactions, socio-economic and ecological systems, and infrastructural and technological systems, among others. This Special Issue focuses on original and new research results concerning the development and applications of entropies and entropy-like measures for studying graphs and networks. We welcome submissions addressing fundamental and methodological (mathematical, information, thermodynamics, statistical mechanics, and others) aspects of graph/networks entropies, applications of entropies to the study of structural and dynamical processes in graphs and networks in any area of applications, as well as those on more specific topics that illustrate the broad impact of entropy-based techniques in understanding the complexity of the systems represented by graphs and networks. We will consider computationally-oriented works when they give rise to a clear understanding of the structural and dynamical processes under consideration.

Guest Editor

Prof. Dr. Ernesto Estrada

Department of Mathematics & Statistics, University of Strathclyde, Glasgow G11XQ, UK

Deadline for manuscript submissions

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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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