Special Issue

Extreme Value Theory

Message from the Guest Editors

Dear colleagues, Extreme value theory (EVT) has become a powerful tool in the last few years to analyze the statistical properties of dynamical systems, even under random perturbations. Its connection with quantitative recurrence properties of systems has propelled this subject to become an established area of interest. On the other hand, dynamical systems theory has enriched EVT by allowing it to obtain new and rigorous results, for instance, to study point processes, nonstationary systems, statistics of records, etc. These latter achievements have allowed new applications in different areas, such as physics, biology, and finance.

- extreme events
- point processes
- recurrence
- clustering
- extremal index
- tail index
- dimension

Guest Editors

Prof. Dr. Sandro Vaienti

Aix Marseille Université, Université de Toulon, CNRS, CPT, 13009 Marseille, France

Prof. Dr. Jorge Milhazes Freitas

Centro de Matemática and Faculdade de Ciências da Universidade do Porto Rua do Campo Alegre, 687, 4169-007 Porto, Portugal

Deadline for manuscript submissions

closed (20 December 2021)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.1
CiteScore 4.9
Indexed in PubMed

mdpi.com/si/47571

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

mdpi.com/journal/entropy

Entropy

an Open Access Journal by MDPI

Impact Factor 2.1
CiteScore 4.9
Indexed in PubMed

mdpi.com/journal/entropy

About the Journal

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, PubMed, PMC, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Physics, Multidisciplinary) / CiteScore - Q1 (Mathematical Physics)

MDPI