

Special Issue

On Emerging Cryptographic Techniques

Message from the Guest Editor

The demand for data security against modern cryptanalysis has increased significantly due to the progress in the fields of digital data communication and computation techniques. Entropy is an essential security parameter to quantify the randomness generation capability of a cryptographic algorithm. The aim of this issue is to encourage the development of new novel cryptographic algorithms that can guarantee, both theoretically and experimentally, optimal entropy and hence high-security resistance against modern computational attacks in real time. All emerging cryptographic techniques such as image encryption techniques and text encryption techniques are within the scope of this Special Issue.

Guest Editor

Dr. Naveed Ahmed Azam

Department of Applied Mathematics and Physics, Kyoto University,
Kyoto 606-850, Japan

Deadline for manuscript submissions

closed (30 October 2023)



Entropy

an Open Access Journal
by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/144132

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

[mdpi.com/journal/
entropy](https://mdpi.com/journal/entropy)





Entropy

an Open Access Journal
by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
entropy](https://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)