



an Open Access Journal by MDPI

Entropy and Information Theory

Guest Editors:

Prof. Dr. Abbe Mowshowitz

Department of Computer Science, The City College of New York, New York, NY 10031, USA

Prof. Dr. Matthias M. Dehmer

1. Institute for Intelligent
Production, Faculty for
Management, University of
Applied Sciences Upper Austria,
Campus Steyr, Wehrgrabengasse
1, 4040 Steyr, Austria
2. College of Artificial Intelligence,
Nankai University, Tianjin 300071,

Deadline for manuscript submissions:

China

closed (20 December 2017)

Message from the Guest Editors

Dear Colleagues,

The relationship between entropy and information theory has a long history and has led to many important results, as well as to applications in fields outside of mathematics and physics. This Special Issue will focus on applications of Shannon information theory to the measurement of entropy in mathematical systems and models, primarily those based on graphs or networks. Theoretical papers, as well as those reporting on experimental results, are welcome. Suggested topics include:

- Information-theoretic measures on complex networks
- Shannon Entropy measures on random graphs
- Applications of information-theoretic measures in chemistry, biology, social sciences and the humanities

Prof. Dr. Abbe Mowshowitz Prof. Dr. Matthias Dehmer *Guest Editors*









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Humberto Bustince

Department of Statistics, Computer Science and Mathematics, Public University of Navarra, 31006 Pamplona, Spain

Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of Axioms is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

Author Benefits

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

High visibility: indexed within SCIE (Web of Science), dblp, and other databases.

Journal Rank: JCR - Q1 (Mathematics, Applied)

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half

of 2024).

Contact Us