

Special Issue

Decision Making, Classical and Quantum Optimization Methods

Message from the Guest Editors

The development of technology opens up new possibilities of using it to optimize decision making. Methods based on artificial intelligence and machine learning will in the future set the standards for optimization of decisions in key areas of the economy and human life. Advances in quantum information processing also open up new opportunities. Quantum methods allow achieving new ways of strategy randomization and offer a classically unavailable level of information security. The aim of the project is to explore various theoretical methods of decision optimization based both on the classical and quantum approach.

Guest Editors

Prof. Dr. Ewa Roszkowska

Faculty of Economics and Finance, University of Bialystok, 15-062 Bialystok, Poland

Prof. Dr. Marek Szopa

Department of Operations Research, College of Informatics and Communication, University of Economics in Katowice, ul. Bogucicka 3, 40-287 Katowice, Poland

Deadline for manuscript submissions

closed (30 September 2021)



Entropy

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.9
Indexed in PubMed



mdpi.com/si/72973

Entropy
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 2.1
CiteScore 4.9
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)