

## Special Issue

# Information Theory in Economics, Finance, and Management

### Message from the Guest Editor

This Special Issue aims to be a forum for the presentation of information theory applications in economics, finance, and management studies. The original idea of information theory dates back to the fundamental Shannon theory of communication (Shannon, 1948). The topic is very broad; therefore, it consolidates specialists from various disciplines, such as mathematics, physics, econometrics, data science, computer science, etc. The Special Issue's areas of interest include, but are not limited to, the following wide range of topics:

- Theoretical and experimental studies related to information theory in econophysics.
- Algorithmic information theory.
- Entropy-based applications in economics, finance, and management.
- Entropy optimization approach in economics and finance.
- Complexity in economic and social systems.
- Information theory in fuzzy multiple-criteria decision-making methods.
- Experimental data and time series data analyses in the context of information content, regularity, predictability, and randomness.

Theoretical and empirical contributions addressing any of the aforementioned issues are especially welcome.

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### Guest Editor

Prof. Dr. Joanna Olbryś

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### Deadline for manuscript submissions

closed (28 February 2023)



## Axioms

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Humberto Bustince

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