Special Issue

Quantum Probability and Randomness III

Message from the Guest Editors

This is the third Special Issue devoted to the theme: "Quantum Probability and Randomness"; for the first two issues, see
https://www.mdpi.com/si/entropy/Probability_Randomnesshttps://www.mdpi.com/si/entropy/Probability_Randomness_ii The previous issues collected a sample of good papers, both theoretical and experiment-related, written by experts in this area, and it attracted a lot of interest (including numerous downloads). This is why we have decided to proceed once again with this hot topic by considering structuring this theme into a regular series based on *Entropy* journal. The areas covered include:

- Foundations of quantum information theory and quantum probability;
- Quantum versus classical randomness and quantum random generators;
- Generalized probabilistic models;
- Quantum contextuality and generalized contextual models;
- Bell's inequality, entanglement, and randomness;
- Quantum probabilistic modeling of the process of decision making under uncertainty.

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Deadline for manuscript submissions

closed (31 December 2021)

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.

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