Special Issue

Entropy and Stochastic Distribution Optimization for Large-Scale Dynamical Systems

Message from the Guest Editors

This topics of interest of this Special Issue include but are not limited to the following research area:

- Machine-learning-based system design, fault diagnosis, tolerant control;
- Data-driven filtering and monitoring for stochastic dynamic systems;
- Stochastic distribution generation via dynamical data sets;
- Entropy optimization and modeling for performance enhancement;
- Nonlinear system control with randomness attenuation;
- Entropy-based image, signal processing and classification;
- Decision-making, management, and planning for stochastic systems;
- Mathematical extensions for entropy analysis.

Guest Editors

Prof. Dr. Qichun Zhang

Prof. Dr. Chi-Hua Chen

Prof. Dr. Jianhua Zhang

Deadline for manuscript submissions

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

mdpi.com/journal/entropy

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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.

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Editor-in-Chief

Prof. Dr. Kevin H. Knuth
Department of Physics, University at Albany, 1400 Washington Avenue, Albany, NY 12222, USA

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