Special Issue

Symmetry Analysis of Uncertainty Theory and Uncertain Statistics and Their Interdisciplinary Applications

Message from the Guest Editors

Uncertainty theory is a branch of mathematics relating to the analysis of uncertain phenomena whose frequencies are far from stable, while uncertain statistics constitutes a set of mathematical techniques for collecting, analyzing, and interpreting data by uncertainty theory. Nowadays, the study of uncertainty theory and uncertain statistics is in a period of rapid development, and it involves fields including finance and economics, control and decision-making, engineering, social sciences, physics, biology, and many more. The aim of this Special Issue is to attract leading researchers in these areas to include new high-quality results involving uncertainty theory and uncertain statistics and relevant interdisciplinary applications, both from a theoretical and an applied point of view. The topics of interest for this Special Issue include but are not limited to the following areas:

- Uncertain statistics;
- Uncertain differential equation;
- Uncertain renewal process;
- Uncertain programming;
- Uncertain inference control;
- Uncertain finance.

Guest Editors

Dr. Yang Liu

Dr. Tingqing Ye

Dr. Waichon Lio

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

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About the Journal

Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

Editor-in-Chief

Prof. Dr. Sergei Odintsov
1. ICREA, 08010 Barcelona, Spain
2. Institute of Space Sciences (IEEC-CSIC), C. Can Magrans s/n, 08193 Barcelona, Spain

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