symmetry

an Open Access Journal by MDPI

IMPACT FACTOR 2.2

CITESCORE 5.4

Asymmetry Indexes, Behavioural Instability and the Characterization of Behavioural Patterns II

Guest Editors:

Prof. Dr. Cino Pertoldi

Prof. Dr. Trine Hammer Jensen

Dr. Sussie Pagh

Prof. Dr. Aage Kristian Olsen Alstrup

Deadline for manuscript submissions:
closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

The novel concept of behavioural instability and its implications for the definition of the individual personality is now well established. It has been recognized that there is a need for high level of accuracy of a distribution's four parameters: 1) mean, 2) variance, 3) skewness, and 4) kurtosis. In particular, the skewness of a distribution and the mean's distance from the median of the distribution are very relevant for the characterization of the degree of asymmetry of a distribution. These two parameters allow us to quantify the degree of asymmetry in terms of fluctuating asymmetry and directional asymmetry. The variance can be used to estimate the degree of phenotypic variability, which is also correlated with the degree of asymmetry. There is now a need to test the method of "Asymmetry Indexes- Behavioural Instability", on studies with larger sample size from animals kept in captivity and/or model organisms under different environmental setups which can be controlled in the laboratory...

symmetry

IMPACT FACTOR 2.2

CITESCORE 5.4

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Sergei Odintsov
1. Institució Catalana de Recerca i Estudis Avançats (ICREA), Passeig Luis Companys, 23, 08010 Barcelona, Spain
2. Institute of Space Sciences (ICE-CSIC), C. Can Magrans s/n, 08193 Barcelona, Spain

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within SCIE (Web of Science), Scopus, CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.
Journal Rank: JCR - Q2 (*Multidisciplinary Sciences*) / CiteScore - Q1 (General Mathematics)

Contact Us

Symmetry Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/symmetry
symmetry@mdpi.com
𝕏@Symmetry_MDPI