



Mathematical Models and Methods in Various Sciences

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Symmetry describes the shape of a data distribution and is a central notion in statistics and data science. For example, when working with symmetric models, it is only necessary to model half of the model.

The aim of this Special Issue is to assemble innovative papers on theory, methodology, and applications of symmetric/asymmetric mathematical models and methods, applied to various areas of science.

We encourage submissions presenting original works with high scientific merit on statistical, computational, and mathematical approaches with an emphasis on behavioral science, biology, biomedical sciences, computer science, data analytics, economics and management, engineering, epidemiology, genomics and genetics, and medicine and social science.

Innovative applications and case studies in any scientific fields are welcome.





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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.

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