



Symmetry in Fractional Calculus: Advances and Applications

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Message from the Guest Editors

Dear Colleagues,

The subject convex analysis is very important in the theoretical aspects of mathematics and also for economists and physicists. Mathematicians use this theory, to provide the solution to problems that arise in mathematics. This theory touches almost all branches of mathematics.

Convex functions play an important role in many areas of mathematics, as well as in other areas of science economy, engineering, medicine, industry, and business. It is especially important in the study of optimization problems, where it is distinguished by several convenient properties (for example, any minimum of a convex function is a global minimum, or the maximum is attained at a boundary point)...

The purpose of this Special Issue is to pay tribute to the significant contributions and recent advances in theories, methods, and applications, including, but not limited to, the following Symmetry related fields:

- Convex functions;
- Symmetry in fractional models and operators;
- Fractional integral inequality;
- etc.

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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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