



Symmetry in Functional Analysis and Its Applications

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submissions:

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Message from the Guest Editor

Dear Colleagues,

It is well known, that the notion of symmetries plays an important role in mathematics both pure and applied. In this Special Issue, we aim to present both theoretical results in all areas of Functional Analysis, as well as applications, in which the concept of symmetry plays an essential role. Especially welcome are papers devoted to the use of symmetries in applications both in other areas of mathematics and related sciences. The presented applications may concern, but are certainly not limited to, differential equations, difference equations, polynomial approximation, iterative procedures, numerical methods, number theory, problems of mathematical physics and quantum mechanics.

Dr. Eugenia N. Petropoulou
Guest Editor





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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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