

# Special Issue

## Symmetry in Abstract Differential Equations

### Message from the Guest Editor

We welcome interdisciplinary interaction between different fields of science, and we intend to follow in the footsteps of Hermann Weyl, a great researcher responsible for important progress in the field of symmetry in math and physics. He expressed great interest in symmetry in many additional fields of science, as explored in his eye-opening book, *Symmetry*. As expressed by Weyl, symmetry is a fundamental phenomenon in nature and all sciences. This Special Issue of *Symmetry* aims to promote the discussion and exchange of cutting-edge knowledge and ideas of symmetry in a variety of subjects ranging from physics, chemistry, mathematics, and computer science, to biology. In particular, results on:

- Symmetry groups;
- Reflection groups;
- Classification of symmetry;
- Symmetry and degenerate differential equations;
- Dynamic inequalities;
- Nonlinear optimization;
- Gronwall–Bellman type inequalities;

are welcome.

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### Guest Editor

Prof. Dr. Angelo Favini

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### Deadline for manuscript submissions

closed (15 June 2022)



## Symmetry

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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.

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### Editor-in-Chief

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