



## Feature Papers in Mathematics Section

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### Message from the Guest Editor

Dear Colleagues,

This Special Issue is devoted to collecting research works and reviews in all the fields of *Mathematics*. We aim to receive papers highlighting the latest advances in pure mathematics and in applied mathematics, as well as papers providing applications of mathematics in real-life processes. Hence, we encourage both scientists in leadership positions and young researchers at the beginning of their careers to contribute. We hope this Special Issue will provide a suitable platform to share new interdisciplinary ideas, to support emerging topics and to disseminate consolidated theories, hence increasing the level of knowledge and understanding of mathematical research in the scientific community. Particular attention will be given to refinements of the roles of symmetries and asymmetries.

Dr. Calogero Vetro  
*Guest Editor*





# symmetry



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## Editor-in-Chief

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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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