Special Issue

Recent Advance in Pure and Applied Mathematics

Message from the Guest Editor

Symmetry is a notion that drives nature from creation and is used in all theories describing the universe from relativity to quantum. Naturally, symmetry plays a central role in the mathematical theories supporting physics and chemistry. In particular, mirror symmetry became a bridge between mathematics and theoretical physics. Symmetry has spread to many other fields of mathematical research and phenomena of symmetry are found and considered significant in geometry, combinatorics, complex analysis, algebra, mathematical physics, biomathematics, and more. In this volume, we shall present a variety of new studies related to symmetry in mathematics.

Guest Editor

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Deadline for manuscript submissions

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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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