Symmetry in Algebra and Its Applications

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Message from the Guest Editors

Algebraic structures are concerned with studying operations between objects, and this has become a very useful tool in pure mathematics and applied sciences such as physics, cryptography, and biology. Algebra and number theory are working together to open new doors through these fields.

The main goal of this Special Issue is to create a collection of novel and influential results in the fields of algebraic structures and number theory, as well as their applications in many related fields.

A new perspective will be obtained for applied sciences and natural sciences.

In this Special Issue, research articles that contribute to the literature will be included by focusing on findings and applications containing algebraic structures and number theory. We invite all interested researchers to contribute to this Special Issue with original and review articles that contain new motivating ideas and trends.

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Special Issue

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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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