Special Issue

Symmetric Ordered Algebraic Structures and Lattice Theory

Message from the Guest Editor

This Special Issue will explore the subject of ordered sets and lattices in different algebraic structures such as commutative algebra, homological algebra, computational algebra, ordered algebra, and hypercompositional algebra, with an emphasis on symmetry relations. The other purpose of this Special Issue is to investigate the application of lattice theory to physics, computer science, and other disciplines.This Special Issue presents high-quality papers of original research in the field of algebra and the connection between algebraic structures, symmetric relations, ordered sets, and lattices. Articles from related research areas that have a significant bearing on algebra will also be considered. In addition, new theoretical aspects as well as practical applications representing current research directions on this topic are welcome.

Guest Editor

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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.

Editor-in-Chief

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