

Special Issue

Applications Based on Symmetry in Condensed Matter Physics

Message from the Guest Editors

- In the intricate world of condensed matter physics, symmetry principles stand as both a guiding light and a powerful tool, unlocking the secrets of the universe's myriad of material states. This Special Issue, "Applications Based on Symmetry in Condensed Matter Physics", aims to delve deep into the cutting-edge applications that harness the profound implications of symmetry in understanding and manipulating the behavior of condensed matter systems. We are pleased to invite you to contribute groundbreaking research articles, comprehensive reviews, and insightful perspectives that highlight how symmetry considerations are revolutionizing our understanding of solids, liquids, and other forms of matter at the macroscopic, microscopic, and even quantum scales...

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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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