Special Issue

Symmetry and Pauli Exclusion Principle

Message from the Guest Editor

We invite potential authors to participate in a Special Issue of our journal, "Symmetry and the Pauli Exclusion Principle (PEP)". The scope of this issue includes all types of symmetries, such as solid-state symmetries, bosonic and fermionic permutation symmetries, unitary groups, and also all aspects of PEP. As is well known, the identical particles satisfy the indistinguishability principle and are invariant under their permutations. This issue will consider violations of symmetries found in experiments and also different theoretical scenarios in which PEP is not fulfilled. Arguments will be made to explain why the PEP exists in nature. We invite all participants that can present papers or reviews on recent developments in symmetry and the Pauli principle studies.

Guest Editor

Dr. Ilya G. Kaplan

Instituto de Investigaciones en Materiales, Universidad Nacional Autónoma de Méxicodisabled, Coyoacán, Ciudad de México 04510, Mexico

Deadline for manuscript submissions

closed (29 February 2024)

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.

Editor-in-Chief

Prof. Dr. Sergei Odintsov
1. ICREA, 08010 Barcelona, Spain
2. Institute of Space Sciences (IEEC-CSIC), C. Can Magrans s/n, 08193 Barcelona, Spain

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