Special Issue

Dynamical Systems with Symmetry

Message from the Guest Editor

For almost every phenomenon from Physics, Chemistry, Biology, Medicine, Economics and other sciences, one can make a mathematical model that can be regarded as a dynamical system. The goal of this Special Issue is to present various aspects of the field of dynamical systems from a mathematical point of view. The two main themes are the study of dynamical systems with symmetry and network dynamics, but work which focuses on ergodic theory, low-dimensional dynamics and complex dynamics is also welcome.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2021)

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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