

Special Issue

Geometric Analysis of Nonlinear Partial Differential Equations

Message from the Guest Editors

This Special Issue of *Symmetry* will be devoted to the observation of various geometrical structures associated with nonlinear partial differential equations as well as their symmetry and applications to integrability of the equations. The main topics that we plan to discuss should be concentrated on different notions of symmetry and related to its invariants, conservation laws, and integrability. Its applications will also be of interest.

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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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