

Special Issue

Symmetry/Asymmetry of Differential Equations in Biomathematics

Message from the Guest Editors

It is well known that differential equations are powerful tools for the study of biomathematics, and symmetry/asymmetry is a common phenomenon in the real world. The study of the symmetry/asymmetry of differential equations in biomathematics is of great significance in revealing the interaction or motion changes among organisms. This Special Issue focuses on recent advancements and applications of differential equations in biomathematics, emphasizing the role of symmetry and asymmetry in biological systems. Topics include the development and analysis of mathematical models in biology, novel computational methods for solving differential equations, and the investigation of complex biological systems through the lens of symmetry and asymmetry. We invite original research articles, reviews, and methodological contributions that provide new insights into the interplay between symmetry, asymmetry, and differential equations in the context of biomathematics...

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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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