Special Issue

Mathematical Inequalities, Special Functions and Symmetry

Message from the Guest Editors

The concept of inequality, which is based on the problem of comparing two quantities, has become one of the most important tools of mathematical sciences with its applications and usage areas. In this context, while inequalities contribute to mathematical sciences in theoretical and applied terms, the aesthetic structure of the findings and the symmetrical patterns they contain are reflected in the studies of researchers in this field. Symmetrical patterns, as they exist in the nature of inequalities, have started to gain more place in the literature, especially with the advantages of convex function types. In this special issue, research articles that will contribute to the literature will be included by focusing on the findings and applications containing special functions, inequalities and symmetrical patterns. We invite all researchers to contribute to the special issue with original research articles containing new motivating ideas, new trends and directions. Potential topics include, but are not limited to: Integral inequalities with applications; Fractional integral inequalities; Discrete inequalities; Symmetry on inequalities...

Guest Editors

Prof. Dr. Erhan Set
Faculty of Science and Letters, Department of Mathematics, Ordu University, Ordu 52200, Turkey

Dr. Alper Ekinci
Bandırma Vocational High School, Bandırma Onyedi Eylül University, Balıkesir 10200, Turkey

Deadline for manuscript submissions

closed (31 December 2022)

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

Author Benefits

Open Access:
free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:
indexed within SCIE (Web of Science), Scopus, CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:
JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q1 (General Mathematics)