

# Special Issue

## Applications of Special Functions in Complex Analysis and Their Symmetries

### Message from the Guest Editors

The theory of special functions is very much an application-driven field, and it ranges across all areas of mathematics—pure or applied. For example, the Mittag-Leffler function, which is a special transcendental function, has gained attention due to its application in time-fractional differential equations and boundary value problems. The purpose of this Special Issue is to collect the recent advancements in the field of complex analysis studied in tandem with any of the non-Newtonian calculus/special functions. In keeping with the main theme of the journal, studies pertaining to analytic functions with respect to **symmetric** points are most welcome. The topics to be covered include, but are not restricted to, the following:

- Applications of symmetric functions involving differential and integral operators.
- Applications of non-Newtonian calculus like multiplicative calculus/quantum calculus in complex analysis.
- Applications of fractional calculus and special functions in differential subordinations and superordinations.
- New subclasses of univalent, bi-univalent, starlike, and convex functions...

### Guest Editors

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### Deadline for manuscript submissions

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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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### Editor-in-Chief

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