



Integral Transforms and Special Functions in Applied Mathematics

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Message from the Guest Editors

Dear Colleagues,

The study of special functions has remained a significant area of interest over the course of several centuries, manifesting in a diverse array of forms. Integral transforms, comprising an assortment of functions including Fourier, Laplace, Mellin, and Hankel, to name a few, represent a potent and adaptable instrument that finds utility in a diverse range of disciplinary domains.

This Special Issue will be devoted to both the theory and applications of special functions, especially those that can be represented by means of an integral transform or that arise in the study of integral transforms. We invite papers on topics in both mathematics and sciences, where special functions and integral transforms play an important role. Although the main emphasis will be on applications, i.e., the use of special functions or integral transforms in any scientific discipline, papers related to the fundamental theory, such as asymptotics, symmetries, representations, transformation and summation formulas, approximations, inequalities, zeros, monotonicity and complex-analytic properties, are also welcome.





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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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