

## *Editorial*

# Fractional Integral Transform and Application

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It is well known that the methods connected to the employment of integral transforms are very useful in mathematical analysis. Those methods are successfully applied

- (i) to solve differential and integral equations,
- (ii) to study special functions,
- (iii) to compute integrals.

In this special issue we publish many articles of the highest quality. The aim of these papers is to highlight the importance of fractional operators of integral transform and their applications and let the readers of this journal know about the possibilities of this new tool. In particular, various potential topics are discussed: (i) mathematical analysis of fractional integral transform theoretical methods, (ii) new methods for solving Cauchy problem for the space-time fractional partial differential equation, (iii) applications of integral transform fractional, including fractional methods, (iv) applying fractional integral transform to solution of systems of differential equations and applications in physics, mechanics, and fractional Schrödinger equation in quantum theory, (v) applications of integral transform for special functions, for example, prefunction, and (vi) applications of integral transform to fractional convolution products.

As editors of this special issue, the most difficult problem that we came across was to choose the best papers from the submitted high-quality works. All the papers published in this special issue are original and contain some attractive, resourceful, and recognizable ideas. Our motivation in choosing articles for publication in this special issue was

whether the submitted papers activate and inspire further scientific activities in the scope of the special issue.

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