Quantum Analysis and Fractional Calculus and Their Multi-Disciplinary Applications

Guest Editor:

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Deadline for manuscript submissions:
closed (30 January 2023)

Message from the Guest Editor

Dear Colleagues,

Quantum (or q-) derivatives, quantum (or q-) integrals as well as various operators of fractional-order derivatives and fractional-order integrals are becoming increasingly important in the modeling and analysis of many problems in the mathematical sciences as well as other applied sciences.

As the Guest Editor of this Special Issue, I cordially invite and welcome your review, expository, and original research articles dealing with the recent advances in various potentially useful applications the operators of the quantum (or q-) derivatives, quantum (or q-) integrals as well as fractional-order derivatives and fractional-order integrals.

I look forward to receiving your valuable contributions to this Special Issue.

Prof. Dr. Hari Mohan Srivastava
Guest Editor

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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