

Special Issue

Quantum Analysis and Fractional Calculus and Their Multi-Disciplinary Applications

Message from the Guest Editor

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 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.

Guest Editor

Prof. Dr. Hari Mohan Srivastava

Department of Mathematics and Statistics, University of Victoria,
Victoria, BC V8W 3R4, Canada

Deadline for manuscript submissions

closed (30 January 2023)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



mdpi.com/si/130905

Applied Sciences
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls-ci@mdpi.com

[mdpi.com/journal/
appls-ci](https://mdpi.com/journal/appls-ci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)