General Fractional Calculus: Theory, Methods and Applications in Mathematical Physics

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Message from the Guest Editors

Fractional calculus can contain different fractional operators to obtain many fractional derivatives, and the generalisation is always a key concept in mathematics. Therefore, it is of utmost importance to study the general fractional calculus that enlarges the natural limitation of various definitions for fractional derivatives.

This subject matter of this Special Issue aims at highlighting the general fractional calculus to solve problems that affect foundational mathematical research and engineering technology. Many phenomena from physics, chemistry, mechanics and electricity can be modeled using differential equations involving general fractional derivatives. In addition, the research in the field of general fractional calculus is interdisciplinary. Its development can also promote the vigorous development of several fields.

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