Special Issue

Theoretical Development and Application in Analytical and Numerical Methods for Fractional Differential Equations

Message from the Guest Editors

Fractional differential equation is a new research branch of nonlinear science. Its development has been a great boost to many science fields such as viscoelasticity, neurons, electrochemistry, control, biomedical physics, porous media, and electromagnetism. Therefore, the new advancements in fractional calculus, including theories and applications in analytical and numerical methods to solve fractional differential equations, will greatly improve people's ability to understand and control the corresponding natural phenomena in many disciplines. The aim of this Special Issue is to report on the latest achievements and recent development of fractional differential equations, which include but are not limited to, fractional calculus theories, analytical and numerical methods for solving fractional differential equations, the practical application of fractional models, etc.

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