

Special Issue

Stability Analysis for Fractional-Order Equations

Message from the Guest Editors

Fractional differential equations (FDEs) have become one of the most attractive research areas for finding new results. The reason is that FDEs can be used to precisely describe a large number of nonlinear phenomena in different branches of science and engineering, for example, of viscoelasticity, control hypothesis, speculation, fluid dynamics, hydrodynamics, and aerodynamics in information processing, system networking, and picture processing. In the study of DEs, stability analysis is a basic requirement for the applicability of results. This is especially the case in stability theory. However, we note that with respect to stability analysis in FDEs, there still are many problems that need to be studied. In this Special Issue “Stability Analysis for Fractional-Order Equations”, we aim to create new theories and applications for stability analysis in FDEs. We welcome original research articles. Keywords (include but are not limited to the following):

- Fractional differential equations;
- Existence of solutions for FDEs;
- Exact and numerical solutions for FDEs;
- Stability analysis for FDEs.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2023)



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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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