Special Issue on
Analytical and Numerical Methods for Fractional Differential Equations

CALL FOR PAPERS

This special issue will focus on fractional ordinary and partial differential equations. Fractional calculus is a field of applied mathematics and fractional differential equations (FDEs) are encountered in modelling of many problems of science and engineering. Also, fractional calculus is one of the most popular topics of applied mathematics. So, it is important that the solutions of FDEs be investigated and new methods (numerical and analytical) be introduced.

This special issue will contribute to the study of fractional calculus and thus many problems in science and engineering will be solved by new methods in this special issue. We would like to invite researchers working on this topic to submit their articles to this special issue of International Journal of Differential Equations.

Potential topics include but are not limited to the following:

▸ Numerical and analytical methods for solving fractional ordinary differential equations

▸ Numerical and analytical methods for fractional partial differential equations

▸ Numerical and analytical methods for fractional integral equations

▸ Numerical and analytical methods for fractional ordinary and partial integrodifferential equations

▸ Stability and convergence analysis of the methods for fractional ordinary and partial differential equations

▸ Techniques of solution for mathematical models encountered by fractional ordinary and partial differential equations

Authors can submit their manuscripts through the Manuscript Tracking System at https://mts.hindawi.com/submit/journals/ijde/nfde/.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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