

Special Issue on  
**Recent Development on Nonlinear Methods in Function Spaces and Applications in Nonlinear Fractional Differential Equations**

# CALL FOR PAPERS

Nonlinear fractional differential equations arise from scientific research, modeling of nonlinear phenomena, and optimal control of complex systems. Function space theory has played an important role in the study of real world nonlinear fractional differential equations and the development of new technologies. Key research areas in this field include well-posedness of fractional mathematical models, development on nonlinear methods in function space, approximation theories and operator theory in function space, numerical computational methods, and control for nonlinear fractional differential equations.

We invite researchers to submit original research articles as well as review articles on various aspects of function space theories and their applications in nonlinear fractional differential equations to sciences, technologies, and engineering.

Potential topics include but are not limited to the following:

- ▶ Nonlinear methods in function spaces
- ▶ Novel technique to fractional differential equations in function spaces
- ▶ Operator theory to fractional differential equations in function spaces
- ▶ Nonlocal fractional models in function spaces
- ▶ Impulsive fractional differential and integral equations
- ▶ Numerical analysis for nonlinear fractional differential equations
- ▶ Analysis and control in fractional differential equations
- ▶ Fractional partial differential equation in function spaces
- ▶ Fractional evolution equations in function spaces

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/jfs/nde/>.

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

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