

NOVEL NUMERICAL AND ANALYTICAL TECHNIQUES FOR FRACTIONAL NONLINEAR SCHRODINGER TYPE EQUATIONS

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DESCRIPTION

The emphasis of this special issue will be on novel numerical methods for fractional differential equations arising in applications in Physics and engineering. This issue covers many subjects including new numerical techniques and fundamental research impinging on the field of physics and engineering. The editors will invite mathematicians, scientists, and engineers throughout the world to submit their latest achievements and future challenges aimed at improving the understanding of our physical world.

Research topics include, but are not limited to:

- ▶ Numerical methods
- ▶ Lie symmetry
- ▶ Modulation instability analysis
- ▶ Optical solitons
- ▶ Fractional calculus
- ▶ Behavior of solutions of difference equations
- ▶ Lump, rogue and chirped soliton solutions
- ▶ Computational methods for differential equations
- ▶ Fractional stochastic differential equation
- ▶ Plasma physics

HOW TO SUBMIT

Before submission authors should carefully read the Instructions for Authors, which are located at the [journal website](#).

Manuscripts should be submitted to the journal via the online submission system Editorial Manager available for this journal at: <http://www.editorialmanager.com/openphys>.

All submissions will undergo the standard single-blind peer review system. When entering your submission please choose the category section of the article: "Novel Numerical and Analytical Techniques for Fractional Nonlinear Schrodinger Type Equations".

Submissions for the special issue are now open.

The deadline for the submissions is July 1st, 2021, but individual papers will be reviewed and published online as they arrive.

Contributors to the Special Issue will benefit from:

- ▶ fair and constructive peer review provided by recognized experts in the field,
- ▶ Open Access to your article for all interested readers,
- ▶ fast online publication of articles,
- ▶ free language assistance for authors from non-English speaking regions;

We are looking forward to your submission. If you have any question, please contact us at:
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