



Special Issue on Applications of Mathematical Theory and Equations in Physics

Call for Papers

Equations which describe mathematical models of physical phenomena. The equations of mathematical physics are part of the subject of mathematical physics. Numerous phenomena of physics and mechanics (hydro- and gas-dynamics, elasticity, electro-dynamics, optics, transport theory, plasma physics, quantum mechanics, gravitation theory, etc.) can be described by boundary value problems for differential equations. A very wide class of models is reducible to such boundary value problems. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in this area of **applications of mathematical theories and equations in physics**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **applications of mathematical theories and equations in physics**. In this special issue, potential topics include, but are not limited to:

- Applications of partial differential equations in the physical
- Applications of integral equation in physics
- Fourier integral in physics
- The analytic function and power series in physics
- Mathematical physics model analysis

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Applications of Mathematical Theories and Equations in Physics**” should be selected during your submission.

Special Issue timetable:

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