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Special Issue on

Differential and Integral Calculus in Physics

Call for Papers

Differential calculus is the study of derivatives. Derivatives can be used to find the "rate of change" of a function. For example, if you plot the functions x2 and x3, then you will find the latter to be a lot steeper. Derivatives can be used to make this notion rigourous. In physics, derivatives are often used to find velocity and acceleration. For example, when riding in your car, and looking at the speedometer, you're actually looking at a derivative. 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 **differential and integral calculus in physics**.

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

- Calculus of variations
- Taylor polynomials and taylor series
- Applications of partial differential equations
- Applications of ordinary differential equations
- Numerical integration
- Calculus: differentials, integrals and partial derivatives

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 - *Differential and Integral Calculus in Physics***" should be selected during your submission.

Special Issue timetable:

Submission Deadline	April 19th, 2018
Publication Date	June 2018

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