



Advances in Delay Differential Equations

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Message from the Guest Editor

Dear Colleagues,

The present Special Issue aims to collect the most recent and notable advancements of the theory and application of delay differential equations (DDE, PDDE and FDDE).

It is well known that, for the adequate mathematical modeling of the dynamics of many processes in various areas of science, it is crucial to take into account the influence of lags. That is why delay differential equations play an important role in modeling various physical, biological, ecological, and social processes and phenomena.

In addition, in recent years, it has been of great interest to study the qualitative properties of solutions to equations with delay.

The topics of the Special Issue include, but are not limited to, the construction of solutions, analytical, and numerical methods for; dynamical properties of; and applications of DDE to the mathematical modeling of various phenomena and processes in physics, biology, ecology, medicine, and the social sciences.





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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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