Differential and Integro–Differential Equations: Theory and Applications

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Message from the Guest Editors

The purpose of this Special Issue is to present recent advances in the development and application of differential and integro-differential equations covering different research areas. Papers focused on the development and validation of new methods (algorithms, convergence and complexity analysis, etc.), as well as the adaption of existing methods for solving particular problems are welcome.

The topics considered include but are not restricted to:

- Ordinary differential equations;
- Partial differential equations;
- Fractional differential equations;
- Delay differential equations;
- Integro-differential equations;
- Applications of differential equations in physical, engineering, live sciences, economics, etc.

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Special Issue

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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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