# Differential Equations: Theories, Methods and Modern Applications

Guest Editors:

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Deadline for manuscript submissions:
**closed (31 January 2022)**

## Message from the Guest Editors

We invite you to submit your research papers in the field of differential equations to this Special Issue, entitled "Differential Equations: Theories, Methods and Modern Applications", of the journal *Axioms*. We seek studies on new and innovative approaches for solving linear and nonlinear differential equations. We also aim to cover high-dimensional problems and system of equations. We welcome submissions presenting new theoretical results, structural investigations, new models, and algorithmic approaches with new applications of mathematical and engineering problems.

- Ordinary differential equations
- Partial differential equations
- System of equations
- Fractional problems
- Linear and nonlinear problems
- Fuzzy problems
- Numerical methods
- Analytical methods
- Semi-analytical methods
- Convergence analysis
- Error analysis
- Mathematical models
- High dimensional problems
- Integral equations

Special Issue