



Special Issue on
**Qualitative Theory of Differential Equations,
Difference Equations, and Dynamic Equations on
Time Scales**

CALL FOR PAPERS

The principal goal of this special issue is to report on the latest achievements in the qualitative analysis of differential equations, difference equations, and dynamic equations on time scales. It will reflect both the state-of-the-art theoretical research and important recent advances in applications. Differential equations, difference equations, and dynamic equations on time scales are used for modeling various problems arising in the engineering and natural sciences. Therefore, analysis of qualitative properties of solutions to such equations is crucial for applications. It is important to develop new efficient methods and to modify and refine well-known techniques adjusting them for the analysis of new classes of problems. This special issue will collect high-quality contributions from leading experts and researchers actively working in the field.

Potential topics include, but are not limited to:

- ▶ Applications to real world phenomena
- ▶ Asymptotic behavior of solutions, including asymptotic integration, oscillation and nonoscillation, and limit cycles
- ▶ Existence and properties of periodic and almost periodic solutions
- ▶ Solvability of boundary-value problems and related topics
- ▶ Stability properties of solutions

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