



Boundary Value Problems, Dynamical Systems and Inverse Spectral Problems

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Message from the Guest Editors

Sturm–Liouville problems represent an important tool to study classical mechanics. In particular, the spectrum of singular problems has become a powerful tool to understand and explain quantum phenomena, which has attracted the attention of many mathematicians and physicists. In the mathematical theory itself, the spectral theory of differential operators has also become an important part of operator theory, harmonic analysis, and other research directions, and provides a solid basic theoretical tool for solving the basic problems of differential equations.

Dynamical systems began originally in Newton's study of the two-body problem. Nowadays, dynamical system can be thought of as an interdisciplinary subject, applicable in many fields.

This Special Issue aims to collect original and significant contributions on boundary value problems, spectral theorem, and dynamical systems. The Special Issue can also serve as a platform for exchanging ideas between scholars interested in differential equations and dynamical systems.





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Message from the Editor-in-Chief

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