Special Issue

Shadowing in Dynamical Systems

Message from the Guest Editor

Various types of shadowing properties have been introduced in the literature since Anosov and Bowen's works, and, nowadays, these notions are intensively studied by many authors in the platform of topological dynamical systems. Many essential and interesting results have been obtained from the view point of, for instance, measure theory, chaos theory, and combinatorics. In this Special Issue, by collecting recent achievements on the shadowing property from the dynamical systems community around the world, we would like to spur the study of shadowing theory to explore the new directions and further developments in the theory. In this issue, we particularly seek contributions on the following three topics:

- new results on the shadowing property in the frameworks of uniformly hyperbolic systems, non-uniformly hyperbolic systems and topological dynamical systems
- new results on the shadowing property intertwined with bifurcation theory, ergodic theory, and so on.
- survey articles which present significant (new or not so new) open questions.

Guest Editor

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Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

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