

# Special Issue

## Advances in Ergodic Theory and Its Applications

### Message from the Guest Editors

Ergodic theory is the branch of dynamical systems that studies the probabilistic and statistical aspects of the orbits of a system, which has been a very active field of research in recent years. In this Issue, we aim to collect contributions providing new and interesting results in the field, as well as applications to other branches of mathematics (e.g., number theory and probability theory). Applications to other fields of science (e.g., modeling of phenomena in physics, biology, and economics) will also be considered if the results include a theoretical understanding of the models presented. Prof.

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### Guest Editors

Dr. Claudio Bonanno

Prof. Dr. Jorge Milhazes Freitas

Prof. Dr. Ana Cristina Moreira Freitas

Prof. Dr. Marco Lenci

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### Deadline for manuscript submissions

closed (29 February 2024)



## Mathematics

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## About the Journal

### 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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### Editor-in-Chief

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