





an Open Access Journal by MDPI

Chaos and Randomness of Discrete Dynamical Systems: Their Use in Applied Science

Guest Editor:

Prof. Dr. Christophe Guyeux

Department of Computer Science, Femto-ST Institute, UMR 6174 CNRS, Université de Bourgogne-Franche-Comté, Dijon, France

Deadline for manuscript submissions:

closed (31 January 2018)

Message from the Guest Editor

The aim of this Special Issue is to bring together both mathematical theorists and applied scientists working on chaotic dynamics or random dynamics in discrete systems. New theoretical results in the fields of mathematical chaos, Markov chains, or discrete dynamical systems are welcome, together with applications related to their randomness or unpredictable behaviors.

Keywords:

- discrete dynamical systems
- chaos
- Markov chains
- randomness
- applied science.











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The iournal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering sociology. particularly those that and 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank: JCR - Q1 (*Mathematics*) / CiteScore - Q1 (*General Mathematics*)

Contact Us