

# Dynamical Properties of Some Discrete Dynamical Systems



**Lead Guest Editor:** Abdul Khan

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**Position:**

**Research Interests:**

*International Journal of Applied Mathematics and Theoretical Physics* (<http://www.ijmathphy.org>) is really excited to announce the new special issue *Dynamical Properties of Some Discrete Dynamical Systems* (<http://ijmathphy.org/sinfo/322003>). This Special Issue represents an effort to capture current research in Discrete Dynamical Systems. Novel insights as well as fundamental research and analyses around the topics are welcomed. We are eagerly looking forward to seeing various Author's submissions along with their ingenious works.

## Call for Paper

Potential authors are humbly requested to submit an electronic copy of their complete manuscript by <http://ijmathphy.org/submission>

Submission Deadline	Dec. 20, 2020
Publication Deadline	Feb. 20, 2020

## Topics of Interest include (but not limited to):

- ♦ Boundedness and persistence
- ♦ Rate of convergence
- ♦ Bifurcation analysis like Neimark-Sacker or Hopf bifurcation, subcritical and supercritical Neimark-Sacker bifurcation, Transcritical bifurcation, period-doubling and fold bifurcation of some discrete dynamical systems
- ♦ Local and global asymptotic stability about equilibria
- ♦ Lyapunov stability analysis
- ♦ Chaos Control

## Join as Guest Editor

For scholars who have intention to join the special issue as guest editor, please check out the link below:

<http://ijmathphy.org/jsqt/322003>

## Current Guest Editors List

Upcoming