



Seyyed Alireza Ahmadi

Associate Professor

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Address : Dept.of Mathematics and its applications, Faculty of Mathematics, Statistics and Computer Science, University of Sistan and Baluchestan, Daneshgah Ave., Zahedan, Iran.

Education

- ✓ B.Sc, Mathematics Education, Islamic Azad University of Mashhad - 2006
- ✓ MS, Pure Mathematics - Geometry, Sharif University of Technology - 2008
- ✓ PhD, Pure Mathematics - Geometry, Shahid Bahonar University of Kerman - 2012
- ✓ PhD, Pure Mathematics, Shahid Bahonar University of Kerman - 2012

Courses

- | | |
|--|---------------------------------|
| 1. Classical mechanics | 2. Dynamic Systems 1 (discrete) |
| 3. Topics in ergodic theory | 4. Information theory |
| 5. Mathematics1 | 6. Engineering Mathematics |
| 7. Mathematics2 | 8. Differential equations |
| 9. Differential equations with partial derivatives | 10. Topological groups |
| 11. Minifold Geometry1 | 12. Local differential geometry |
| 13. Theory of ordinary differential equations | 14. Ergodic theory |

Master Thesis

Journals Papers

2025

1. Strong chain transitivity in hyperspaces of uniform spaces

Nooshin Darban Maghami, Seyyed Alireza Ahmadi, Zahra Shabani Siahkalde

Applied General Topology Volume: (26) 115 - 130

2024

2. strong chain transitivity via uniformity

Seyyed Alireza Ahmadi

Qualitative Theory of Dynamical Systems Volume: (23) 1 - 19

3. Recurrent sets for endomorphisms of topological groups

Seyyed Alireza Ahmadi, Javad Jamalzadeh

Mathematica Volume: (66 (89)) 18 - 31

2023

4. A Note on Topological Average Shadowing Property Via Uniformity

Seyyed Alireza Ahmadi, Xinxing Wu

Qualitative Theory of Dynamical Systems Volume: (22) 1 - 16

2021

5. On ergodic shadowing and specification properties of nonautonomous discrete dynamical systems

Zahra Shabani Siahkalde, Seyyed Alireza Ahmadi

journal of mahani mathematical research center Volume: (10) 1 - 10

6. Topological Average Shadowing Property on Uniform Spaces

Farzaneh Pirfalek malole, Seyyed Alireza Ahmadi, Xinxing Wu, Nader Kouhestani

Qualitative Theory of Dynamical Systems Volume: (20) 1 - 15

2020

7. The Mean Sensitivity and Mean Equicontinuity in Uniform Spaces

xinxing wu, Shudi Liang, Xin Ma, Tianxiu Lu, Seyyed Alireza Ahmadi

INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS Volume: (30) 2050122 - 2050133

8. Topological chain and shadowing properties of dynamical systems on uniform spaces

Seyyed Alireza Ahmadi, Xinxing Wu, Guanrong chen

TOPOLOGY AND ITS APPLICATIONS Volume: (275) 1 - 11

2018

9. A recurrent set for one-dimensional dynamical systems

Seyyed Alireza Ahmadi

Hacettepe Journal of Mathematics and Statistics Volume: (47) 1 - 7

10. Interpolating operator Jensen-type inequalities for log-convex and superquadratic functions

Mojtaba Bakherad, Mohsen Kian, Mario Krnic, Seyyed Alireza Ahmadi

Filomat Volume: (32) 4523 - 4535

11. On the Entropy Points and Shadowing in Uniform Spaces

Seyyed Alireza Ahmadi, Zonghong Feng, Tianxiu Lu, Xin Ma

INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS Volume: (28) 1850155-1 - 1850155-10

12. VARIOUS SHADOWING PROPERTIES FOR PARAMETERIZED ITERATED FUNCTION SYSTEMS

mehdi fatehi nia, Seyyed Alireza Ahmadi

University Politehnica of Bucharest Scientific Bulletin-Series A-Applied Mathematics and Physics Volume: (80) 145 - 154

2017

13. Shadowing Ergodic Shadowing and Uniform Spaces

Seyyed Alireza Ahmadi

Filomat Volume: (31) 5117 - 5124

2016

14. TOPOLOGICAL ENTROPY AND TOPOLOGICAL PRESSURE OF A HOMEOMORPHISM ON A DYNAMICAL SPACE

Mohsen Erfanian Omidvar, Seyyed Alireza Ahmadi,

University Politehnica of Bucharest Scientific Bulletin-Series A-Applied Mathematics and Physics Volume: (78) 31 - 42

2015

15. Exponential limit shadowing property in linear hyperbolic homeomorphisms

Seyyed Alireza Ahmadi

Journal of Advanced Research in Dynamical and Control Systems Volume: (7) 11 - 19

2014

16. On the topology of the chain recurrent set of a dynamical system

Seyyed Alireza Ahmadi

Applied General Topology Volume: (15) 167 - 174

2013

17. Exponential limit shadowing

Seyyed Alireza Ahmadi,

Annales Polonici Mathematici Volume: (108) 1 - 10

18. Generalized Topological Groups and Genetic Recombination

Seyyed Alireza Ahmadi

Journal of Dynamical Systems and Geometric Theories Volume: (11) 51 - 58

Conferences Papers

2019

1. Entropy and chaos on uniform hyperspaces

4th international conference on computational mathematics and engineering science

Seyyed Alireza Ahmadi

2. double rotation on circle as a dynamical system

2018

3. Which Recurrent Sets are Topological Subgroups?

2th confernce o dynamicl systems and geometric thories

Seyyed Alireza Ahmadi

4. Recurrent Subgroups of Topological Groups

computability in Europe 2018

Seyyed Alireza Ahmadi