



Hamid Baghani Associate Professor

Faculty : Mathematics, Statistics and Computer Science

Departments : Mathematics and its applications

Phone : +9854 - 31136371

Email : h.baghani@math.usb.ac.ir

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, - 2006
- ✓ MS, Pure Mathematics, Hakim Sabzevari University - 2009
- ✓ PhD, Pure Mathematics - Mathematics Analysis, Semnan University - 2013

Journals Papers

2021

1. Continuity and Fixed Point of a New Extension of F-Suzuki-Contraction Mappings in b-Metric Spaces With Application

, Rahmatollah Lashkaripour, Hamid Baghani

Journal of Mathematical Extension Volume: (14) 67 - 90

2. On the new Hyers-Ulam-Rassias stability of the generalized cubic set-valued mapping in the incomplete normed spaces

Maryam Ramezani, Hamid Baghani, Juan Nieto

Nonlinear Analysis-Modelling and Control Volume: (26) 821 - 841

3. Fixed point theorems for a new generalization of contractive maps in incomplete metric spaces and its application in boundary value problems

, Rahmatollah Lashkaripour, Hamid Baghani

Journal of Applied Analysis Volume: (27) 1 - 9

4. Some new stability results of a Cauchy-Jensen equation in incomplete normed spaces

Maryam Ramezani, Hamid Baghani

JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS Volume: (459) 124752-1 - 124752-12

2020

5. Existence of solutions of infinite system of nonlinear sequential fractional differential equations

, Rahmatollah Lashkaripour, Hamid Baghani, Shapour Heidakhani, Giuseppe Caristi

Advances in Difference Equations Volume: (22020) 1 - 20

6. New Fixed Point Theorems in Orthogonal F-Metric Spaces with Application to Fractional Differential Equation

Tanzeela Kanwal, Azhar Hussain, Hamid Baghani, Manuel de la Sen

Symmetry-Basel Volume: (12) 1 - 15

7. A NEW CONTRACTIVE CONDITION RELATED TO RHOADES'S OPEN QUESTION

Hamid Baghani

INDIAN JOURNAL OF PURE and APPLIED MATHEMATICS Volume: (51) 565 - 578

8. ON A GENERALIZED FIXED POINT THEOREM IN INCOMPLETE SOFT METRIC SPACES

Maryam Ramezani, Hamid Baghani

Matematicki Vesnik Volume: (72) 187 - 195

9. A coupled system of Langevin differential equations of fractional order and associated to antiperiodic boundary conditions

Hamid Baghani, Jihad Alzabut, Juan J. Nieto

MATHEMATICAL METHODS IN THE APPLIED SCIENCES Volume: (43) 1 - 11

10. Existence and uniqueness of solutions for a coupled system of sequential fractional differential equations with initial conditions

Hamid Baghani, Jihad Alzabut, Javad Farokhi-Ostad, Juan J. Nieto

Journal of Pseudo-Differential Operators and Applications Volume: (11) 1 - 11

11. Further Results on the Existence of Solutions for Generalized Fractional Basset-Boussinesq-Oseen Equation

Hamid Baghani, Jihad Alzabut, Juan J. Nieto

Iranian Journal of Science and Technology Transaction A-Science Volume: (44) 1 - 7

12. Existence of solutions of BVPs for fractional Langevin equations involving Caputo fractional derivatives

Zohreh Kyamehr, Hamid Baghani

Journal of Applied Analysis Volume: (27) 1 - 9

13. A New Version of Schauder and Petryshyn Type Fixed Point Theorems in S-Modular Function Spaces

Maryam Ramezani, Hamid Baghani, Ozgur Ege, Manuel De la Sen

Symmetry-Basel Volume: (12) 1 - 8

14. A FIXED POINT PROBLEM VIA SIMULATION FUNCTIONS IN INCOMPLETE METRIC SPACES WITH ITS APPLICATION

Rahmatollah Lashkaripour, Hamid Baghani,

Turkish World Mathematical Society Journal of Applied and Engineering Mathematics Volume: (10) 220 - 231

2019

15. Coincidence and Fixed Points for Multivalued Mappings in Incomplete Metric Spaces with Applications

Hamid Baghani, Maryam Ramezani

Filomat Volume: (33) 13 - 26

16. A New Gronwall-Bellman Inequality in Frame of Generalized Proportional Fractional Derivative

Jihad Alzabut, Weerawat Sudsutad, Zeynep Kayar, Hamid Baghani

Mathematics Volume: (7) 1 - 15

17. An analytical improvement of a study of nonlinear Langevin equation involving two fractional orders in different intervals

Hamid Baghani

Journal of Fixed Point Theory and Applications Volume: (21) 1 - 11

18. On the 2-Adjointable Operators and Superstability of them between 2-Pre Hilbert C-Module Spaces

Maryam Ramezani, Hamid Baghani

Iranian Journal of Mathematical Sciences and Informatics Volume: (14) 121 - 126

19. A NEW APPROACH TO SOME FIXED POINT THEOREMS FOR MULTIVALUED NONLINEAR F-CONTRACTIVE MAPS

Rahmatollah Lashkaripour, Hamid Baghani,

Matematicki Vesnik Volume: (71) 368 - 377

20. On fractional Langevin equation involving two fractional orders in different intervals

Hamid Baghani, Juan Nieto

Nonlinear Analysis-Modelling and Control Volume: (24) 884 - 897

21. On Coincidence Point and Fixed Point Theorems for a General Class of Multivalued Mappings in Incomplete Metric Spaces with an Application

Hamid Baghani, Ravi Agarwal, Erdal Karpinar

Filomat Volume: (33) 4493 - 4508

2018

22. Existence and uniqueness of solutions to fractional Langevin equations involving two fractional orders

Hamid Baghani

Journal of Fixed Point Theory and Applications Volume: (20) 1 - 7

23. A fixed point problem with constraint inequalities via a contraction in Incomplete metric spaces

, Rahmatollah Lashkaripour, Hamid Baghani

Filomat Volume: (32) 3365 - 3379

24. Generalized multivalued F-contractions on non-complete metric spaces

Hamid Baghani

International Journal of Nonlinear Analysis and Applications Volume: (9) 71 - 84

2017

25. The MeirKeeler fixed point theorem in incomplete modular spaces with application

, Hamid Baghani

Journal of Fixed Point Theory and Applications Volume: (19) 2369 - 2382

26. A Fixed Point Theorem for a New Class of Set-Valued Mappings in R-Complete (Not Necessarily Complete) Metric Spaces

Hamid Baghani,

Filomat Volume: (31) 3875 - 3884

27. Contractive gauge functions in strongly orthogonal metric spaces

- -, Hamid Baghani

International Journal of Nonlinear Analysis and Applications Volume: (8) 23 - 28

28. A new contraction condition and its application to weakly singular Volterra integral equations of the second kind

Hamid Baghani, Omid Baghani

Journal of Fixed Point Theory and Applications Volume: (19) 2601 - 2615

2016

29. Orthogonal sets The axiom of choice and proof of a fixed point theorem

Hamid Baghani, - -,

Journal of Fixed Point Theory and Applications Volume: (18) 465 - 477

30. Robust Error Analysis of Solutions to Nonlinear Volterra Integral Equation in L_p Spaces

Hamid Baghani, - -,

Australian Journal of Mathematical Analysis and Applications Volume: (13) 1 - 7

2012

31. EXISTENCE UNIQUENESS AND STABILITY OF SOLUTIONS FOR A CLASS OF NONLINEAR INTEGRAL EQUATIONS UNDER GENERALIZED LIPSCHITZ CONDITION

, - -, Hamid Baghani

INDIAN JOURNAL OF PURE and APPLIED MATHEMATICS Volume: (43) 309 - 321

32. Approximate lie brackets a fixed point approach

- -, , Yeol Cho, Hamid Baghani

JOURNAL OF INEQUALITIES AND APPLICATIONS Volume: (2012) 1 - 8

33. A Fixed Point Theorem for Contraction Type Maps in Partially Ordered Metric Spaces and Application to Ordinary Differential Equations

, Hamid Baghani, - -

DISCRETE DYNAMICS IN NATURE AND SOCIETY Volume: (2012) 1 - 8

2011

34. ON FELBINS-TYPE FUZZY NORMED LINEAR SPACES AND FUZZY BOUNDED OPERATORS

- -, Hamid Baghani,

Iranian Journal of Fuzzy Systems Volume: (8) 117 - 130

Conferences Papers

2018

1. "Orthogonal sets and an equivalent form of The axiom of choice"

International Conference on Applied Analysis and Mathematical

Hamid Baghani