

Hassan Rezaei

Associate Professor

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Education

- B.Sc, Computer Science,Sharif University of Technology - 1992
- MS, Applied Mathematics - Applications in Computer,Shahid Bahonar University of Kerman - 1995
- PhD, Computer Science, Meiji Japan - 2007
- PhD, a, Meiji Japan - 2007

Courses

1. Data structures
2. Theory of Computer Science
3. fhgfh
4. Seminar 2
5. Topics in Scientific computations
6. dfzghdtryuhuyj
7. Seminar
8. Computation theory
9. Topics in computation theory
10. Soft Computing
11. Advanced soft computing
12. Special Topics in Scientific Computing
13. Data mining
14. Advanced programming
15. The Theory of Formal Languages and Automata
16. Computer Principles 1
17. Fundamental of computer and programming
18. Theoriey of languages and Automata
19. English for computerscience
20. Topics in soft computing
21. Thesis 3
22. Feature Selection and feature extraction
23. Machine Learning
24. Topics in computer science
25. Computation theory
26. Data structure
27. Computational Data Mining
28. Special Topics in Soft Computing

Master Thesis

1. A model to select the best assisted reproductive technology (ART) procedures according to the pattern discovered in the data using data mining approach

   امنه مهرجرد, [Hassan Rezaei]

   نيمسال اول سال تحصيلي 01-00

2. Improving data clustering using hesitant fuzzy sets and evolutionary algorithms

   كامران رضايي, [Hassan Rezaei]

   نيمسال اول سال تحصيلي 97-96

Journals Papers

2026

1. CF-X: A multi-view chaotic-fuzzy network representation learning framework for heterophilic graphs

Mohammad Mehdi Keikha, Hassan Rezaei

APPLIED SOFT COMPUTING Volume: (197) 1 - 10

2. PSOT: Elite-Driven optimization via the Pareto principle for scalable engineering design solutions

Yahya Kord Tamandani, Mohammad Mehdi Keikha, Hassan Rezaei

Swarm and Evolutionary Computation Volume: (104) 1 - 24

3. انتخاب ویژگي هاي بهینه براي تشخیص حملات فیشینگ مبتني بر معیارهاي شباهت دامنه

Mojtaba Shokoh, Hassan Rezaei, Mohammad Mehdi Keikha, Yahya Kord Tamandani

Journal of Soft Computing and Information Technology Volume: (15) 76 - 96

2024

4. A hybrid feature selection algorithm to determine effective factors in predictive model of success rate for in vitro fertilization/intracytoplasmic sperm injection treatment: A cross-sectional study

Amene Mehrjerd, Hassan Rezaei, saeid Eslami, Nayyere Khadem Ghaebi

International Journal of Reproductive Biomedicine Volume: (21) 995 - 1012

5. Ensemble machine learning models for sperm quality evaluation concerning success rate of clinical pregnancy in assisted reproductive techniques

Ameneh Mehrjerd, Toktam Dehghani, Mahdie Jajroudi, Saeid Eslami, Hassan Rezaei, Nayyereh Khadem Ghae

Scientific Reports Volume: (14) 1 - 10

2022

6. Internal validation and comparison of predictive models to determine success rate of infertility treatments: a retrospective study of 2485 cycles

Amene Mehrjerd, Hassan Rezaei, Saeid Eslami, Mariam Begum Ratna, Nayyere Khadem Ghaebi

Scientific Reports Volume: (12) 1 - 11

7. Determination of Cut Off for Endometrial Thickness in Couples with Unexplained Infertility: Trustable AI

Amene Mehrjerd, Hassan Rezaei, Saeid Eslami, Hassan Rezaei

Studies in Health Technology and Informatics Volume: (294) 264 - 268

8. An improved firefly algorithm for numerical optimization problems and its application in constrained optimization

Kamran Rezaei, Hassan Rezaei

ENGINEERING WITH COMPUTERS Volume: (38) 3793 - 3813

2021

9. Tsallis entropy of uncertain random variables and its application

Zhenhua He, Hamed Ahmadzade, Kamran Rezaei, Hassan Rezaei, Habib Naderi

SOFT COMPUTING Volume: (25) 11735 - 11743

2020

10. HFSMOOK-Means . An Improved K-Means Algorithm Using Hesitant Fuzzy Sets and Multi objective Optimization

Kamran Rezaei, Hassan Rezaei

ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING Volume: (45) 6241 - 6257

11. Partial similarity measure of uncertain random variables and its application to portfolio selection

Rong Gao, Hamed Ahmadzade, Kamran Rezaei, Hassan Rezaei, Habib Naderi

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS Volume: (39) 155 - 166

12. New distance and similarity measures for hesitant fuzzy sets and their application in hierarchical clustering

Kamran Rezaei, Hassan Rezaei

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS Volume: (39) 4349 - 4360

13. مروري بر مجموعه هاي فازي فيثاغورسي و معيارهاي فاصله و شباهت براي آنها

Kamran Rezaei, Hassan Rezaei

Journal of Fuzzy Systems and Applications Volume: (3) 95 - 119

2019

14. New distance and similarity measures for hesitant fuzzy soft sets

Kamran Rezaei, Hassan Rezaei

Iranian Journal of Fuzzy Systems Volume: (16) 159 - 176

2013

15. The Scrutiny of Variation in the Number of Fuzzy Rules and Membership Functions in a New Genetic-Fuzzy System in Approximation and Prediction Problems

Hassan Rezaei

International Journal of Information and Electronics Engineering Volume: (3) 470 - 475

2007

16. New similarity measures of iuntuitionistic fuzzy sets

Hassan Rezaei

Journal of Advanced Computational Intelligence and Intelligent Informatics Volume: (11) 202 - 209

2006

17. A new similarity measure between two fuzzy sets

Hassan Rezaei

Journal of Advanced Computational Intelligence and Intelligent Informatics Volume: (10) 946 - 953

2003

18. Results on i.p.s Hypergrops

Hassan Rezaei

JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING Volume: (9) 419 - 426

2002

19. Some Results on Canonical Cyclic Hypergroup and join Spaces

, , Hassan Rezaei

Italian Journal of Pure and Applied Mathematics Volume: () -

20. Classification of Hyper BCK-algebras of Order 3

, , Hassan Rezaei

Italian Journal of Pure and Applied Mathematics Volume: () -

2001

21. Some classifications of Hyper K-Algebras of order 3

Hassan Rezaei

Scientiae Mathematicae Japonicae Volume: (53) 133 - 142

Conferences Papers

2025

1. Improving Network Embedding by Combining Structural and Local Information in Graph Neural Networks

international conference on artificial intelligence and related technologies

Mohamad hadi Yarmohamadi, Mohammad Mehdi Keikha, Hassan Rezaei