



Hassan Rezaei

Associate Professor

Faculty : Mathematics, Statistics and Computer Science

Departments : Computer Sciences (BSC)

Phone : +9854 - 31136378

Email : hrezaei@cs.usb.ac.ir

Address : Dept.of Computer Sciences (BSC), Faculty of Mathematics, Statistics and Computer Science, University of Sistan and Baluchestan, Daneshgah Ave., Zahedan, Iran.

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

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]

نیمسال اول سال تحصیلی 00-01

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

کامران رضایی, [Hassan Rezaei]

نیمسال اول سال تحصیلی 96-97

Journals Papers

2024

1. 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

2022

2. 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

3. 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

4. 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

5. 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

6. 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

7. 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

8. 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

9. مروري بر مجموعه هاي فاري فيثاغورسي و معيارهاي فاصله و شباهت براي آنها

Kamran Rezaei, Hassan Rezaei

Volume: (3) 95 - 119

2019

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

Kamran Rezaei, Hassan Rezaei

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

2016

11. ABC_M: A Hybrid Algorithm ABC and BA

, Hassan Rezaei, Farhad Hamidi

International Journal of Control and Automation Volume: (9) 139 - 150

2013

12. 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

13. New similarity measures of intuitionistic fuzzy sets

Hassan Rezaei

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

2006

14. A new similarity measure between two fuzzy sets

Hassan Rezaei

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

2003

15. Results on i.p.s Hypergroups

Hassan Rezaei

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

2002

16. Some Results on Canonical Cyclic Hypergroup and join Spaces

, , Hassan Rezaei

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

17. Classification of Hyper BCK-algebras of Order 3

, , Hassan Rezaei

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

2001

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

Hassan Rezaei

Scientiae Mathematicae Japonicae Volume: (53) 133 - 142