

Hassan Mishmast Nehi

Professor

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Education

- B.Sc, Mathematics Education,Kharazmi University - 1988
- MS, Applied Mathematics - Operations Research,Shahid Bahonar University of Kerman - 1992
- PhD, Applied Mathematics - Operations Research,Shahid Bahonar University of Kerman - 2003
- PhD, Applied Mathematics - Operations Research,Shahid Bahonar University of Kerman - 2003

Courses

1. Graph theory and applications
2. Optimization of nonlinear models
3. Saft comuting
4. Topics in Interval Planning 2
5. Topics in Multiplayer Planning
6. Topics in fuzzy optimization
7. Discussions on multi-index optimization
8. Topics on multi-index optimization 2
9. Topics in Interval Planning 1
10. Composition principles
11. Advanced Nonlinear optimization
12. T inF N O

Journals Papers

2024

1. Uncertain maximum benefit about chinese postman problem

Samira Samanifar, Hamed Ahmadzade, Hassan Mishmast Nehi

Journal of Uncertain Systems Volume: (17) 2450009 - 2450034

2. Managing of uncertainty in DEA using Intuitionistic fuzzy and fuzzy rough data (in Persian)

, Hassan Mishmast Nehi, Faranak Hosseinzadeh saljooghi

Journal of Fuzzy Systems and Applications Volume: (7) 209 - 228

3. Solving the fully fuzzy multi-choice linear programming model (in Persian)

Zahra Arami, Maryam Arab-Ameri, Hassan Mishmast Nehi

Tasmimgiri va Tahqiq dar Amaliyyat Volume: (9) 419 - 434

4. An algorithm for multi-objective fuzzy linear programming problem with interval type-2 fuzzy numbers and ambiguity in parameters

Hassan Mishmast Nehi, Shokouh Sargolzaei

Journal of Mathematical Modeling Volume: (12) 177 - 197

5. Multi-objective interval type-2 fuzzy linear programming problem with vagueness in coefficient

Shokouh Sargolzaei, Hassan Mishmast Nehi

CAAI Transactions on Intelligence Technology Volume: (9) 1229 - 1248

6. Fuzzy polonomials to solve fuzzy multi-choice goal programming (in Persian)

Zahra Arami, Maryam Arab-Ameri, Hassan Mishmast Nehi

Journal of Fuzzy Systems and Applications Volume: (6) 51 - 64

7. A simulated annealing algorithm for quay crane scheduling and sssignment problem under uncertain conditions

Sima Sargazi, Hamed Ahmadzade, Hassan Mishmast Nehi, Jafar Sayareh

Journal of Uncertain Systems Volume: (17) 1 - 29

8. Windy postman problem under uncertainty

Samira Samanifar, Hamed Ahmadzade, Hassan Mishmast Nehi

Journal of Uncertain Systems Volume: (17) 1 - 19

2023

9. Fuzzy approximating functions and its application in solving fuzzy multi-choice linear programming models

Zahra Arami, Maryam Arab-Ameri, Hassan Mishmast Nehi

Journal of Mathematical Modeling Volume: (11) 649 - 663

10. A bilevel linear programming model with interval type-2 triangular fuzzy numbers

Niloofar Davoudi, Farhad Hamidi, Hassan Mishmast Nehi

Iranian Journal of Fuzzy Systems Volume: (20) 47 - 69

11. A method for solving interval type-2 triangular fuzzy bilevel linear programming problem

Niloofar Davoudi, Farhad Hamidi, Hassan Mishmast Nehi

Yugoslav Journal of Operations Research Volume: (33) 71 - 90

2022

12. Iterative algorithms for determining optimal solution set of interval linear fractional programming problem

Fatemeh Salary pour sharef abad, Mehdi Allahdadi, Hassan Mishmast Nehi

Filomat Volume: (36) 2237 - 2267

13. Two iterative algorithms for determining strongly and weakly efficient solutions of interval multi objective linear fractional programming problem (in Persian)

Mehdi Allahdadi, Fatemeh Salary pour sharef abad, Hassan Mishmast Nehi

Tasmimgiri va Tahqiq dar Amaliyyat Volume: (7) 17 - 42

14. Derivational suffix productivity in Persian: A fuzzy analysis

Seyyede Zohre Aftabi, Abbas Ali Ahangar, Hassan Mishmast Nehi

Journal of Quantitative Linguistics Volume: (29) 387 - 411

15. Optimal values range of interval polynomial programming problems

Somayeh Amirmahmoodi, Hassan Mishmast Nehi, Mehdi Allahdadi

International Journal of Nonlinear Analysis and Applications Volume: (13) 1917 - 1929

2021

16. Determination of Feasible Solutions of the Interval Linear Fractional Programming Problem (in Persian)

Fatemeh Salary pour sharef abad, Mehdi Allahdadi, Hassan Mishmast Nehi

Journal of Operational Research in Its Applications Volume: (70) 31 - 48

17. An approach based on combining choquet integral and TOPSIS methods to uncertain MAGDM problems

Abazar Keikha, Harish Garg, Hassan Mishmast Nehi

SOFT COMPUTING Volume: (25) 7181 - 7195

2020

18. Solving methods for interval linear programming problem a review and an improved method

Hassan Mishmast Nehi, Hasanali Ashayerinasab, Mehdi Allahdadi

Operational Research Volume: (20) 1205 - 1229

19. Determining the Optimal Value Bounds of the Objective Function in Interval Quadratic Programming Problem with Unrestricted Variables in Sign (in Persian)

Mahdieh Ghorbani HormozdAbadi, Hassan Mishmast Nehi, Mehdi Allahdadi

Journal of Operational Research in Its Applications Volume: (17) 49 - 65

20. Optimal solutions set in interval quadratic programming problems

Mahdieh Ghorbani, Hassan Mishmast Nehi, Mehdi Allahdadi

Journal of Mathematical Extension Volume: (14) 189 - 205

21. Interval linear fractional programming: optimal value range of the objective function

Fatemeh Salary pour sharef abad, Mehdi Allahdadi, Hassan Mishmast Nehi

COMPUTATIONAL and APPLIED MATHEMATICS Volume: (39) 1 - 17

22. Multiple-attribute decision-making problem using TOPSIS and choquet integral with hesitant fuzzy number information

Harish Garg, Abazar Keikha, Hassan Mishmast Nehi

MATHEMATICAL PROBLEMS IN ENGINEERING Volume: (2020) 1 - 12

23. Fuzzy-rough set models and fuzzy-rough data reduction

, Hassan Mishmast Nehi

Croatian Operational Research Review Volume: (19) 67 - 80

2019

24. A solving method for fuzzy linear programming problem with interval type-2 fuzzy numbers

, Hassan Mishmast Nehi

International Journal of Fuzzy Systems Volume: (21) 882 - 891

25. Rankings and operations for interval type-2 fuzzy numbers: a review and some new methods

, Hassan Mishmast Nehi

Journal of Applied Mathematics and Computing Volume: (59) 597 - 630

26. A review of type-2 fuzzy sets (in Persian)

Shokouh Sargolzaei, Hassan Mishmast Nehi

Journal of Fuzzy Systems and Applications Volume: (2) 123 - 150

2018

27. Solving the interval linear programming problem A new algorithm for a general case

Hasanali Ashayerinasab, Hassan Mishmast Nehi, Mehdi Allahdadi

EXPERT SYSTEMS WITH APPLICATIONS Volume: (93) 39 - 49

2017

28. New solution space for solving the interval linear programming model

Mehdi Allahdadi, Hassan Mishmast Nehi

Journal of Operational Research in Its Applications Volume: (53) 111 - 121

2016

29. Solving the interval linear programming problems by a new approach

Mehdi Allahdadi, Hassan Mishmast Nehi

ICIC Express Letters Volume: (10) 1 - 9

30. TOPSIS and choquet integral hybrid technique for solving MAGDM problems with interval type-2 fuzzy numbers

Hassan Mishmast Nehi, Abazar Keikha

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS Volume: (30) 1301 - 1310

31. Improving the modified interval linear programming method by new techniques

Mehdi Allahdadi, Hassan Mishmast Nehi, Hasanali Ashayerinasab,

INFORMATION SCIENCES Volume: (339) 224 - 236

32. Solving fuzzy complex system of linear equations using eigenvalue method

, Hassan Mishmast Nehi, - -

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS Volume: (31) 1689 - 1699

33. Operations and ranking methods for intuitionistic fuzzy numbers, a review and new methods

Abazar Keikha, Hassan Mishmast Nehi

International Journal of Intelligent Systems and Applications Volume: (1) 35 - 48

2015

34. Fuzzified choquet integral and its applications in MADM; a review and a new method

Hassan Mishmast Nehi, Abazar Keikha

International Journal of Fuzzy Systems Volume: (17) 337 - 352

35. Upper and lower bounds for the optimal values of the interval bilevel linear programming problem

Hassan Mishmast Nehi, Farhad Hamidi

APPLIED MATHEMATICAL MODELLING Volume: (39) 1650 - 1664

36. Application of fuzzy system in psychological tests optimize the number of questions for WHOQOL-BREF

HAMID GHANBARI, Mehrdad Mazaheri Dasht Arjandi, Hassan Mishmast Nehi

INTERNATIONAL JOURNAL OF PSYCHOLOGY Volume: (9) 51 - 75

37. The optimal value bounds of the objective function in the interval linear programming problem

Mehdi Allahdadi, Hassan Mishmast Nehi

Chiang Mai Journal of Science Volume: (42) 501 - 511

38. Fuzzy multi objective linear programming problem with imprecise aspiration level and parameters

, Mehdi Allahdadi, Hassan Mishmast Nehi

International Journal of Optimization and Control: Theories and Applications Volume: (5) 81 - 86

2014

39. Solving the allocation problem using biological computations (in Persian)

, Hassan Mishmast Nehi

Journal of Soft Computing and Information Technology Volume: (3) 3 - 11

40. prediction of microcracks in concrete using fuzzy systems

, Mohammad Reza Sohrabi, Hassan Mishmast Nehi

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS Volume: (27) 1161 - 1168

2013

41. BILEVEL LINEAR PROGRAMMING WITH FUZZY PARAMETERS

Farhad Hamidi, Hassan Mishmast Nehi

Iranian Journal of Fuzzy Systems Volume: (10) 83 - 99

2012

42. A comment on "Biological computation of the solution to the quadratic assignment problem"

Hassan Mishmast Nehi, Farhad Hamidi

APPLIED MATHEMATICS AND COMPUTATION Volume: (218) 10759 - 10761

2011

43. Solving linear equations system with interval parameters

Hassan Mishmast Nehi

International Journal of Applied Mathematics Volume: (24) 885 - 899

2008

44. Solving interval and fuzzy multi objective linear programming problem by necessarily efficiency points

Hassan Mishmast Nehi,

International Mathematical Forum Volume: (3) -

2007

45. A parallel algorithm for the degree-constrained minimum spanning tree problem by using DNA computing

, Hassan Mishmast Nehi

RESEARCH JOURNAL OF BIOLOGICAL SCIENCES Volume: (6) -

46. A survey of meta-heuristic solution methods for the quadratic assignment problem

Hassan Mishmast Nehi,

Applied Mathematical Sciences Volume: (1) -

47. Molecular solution to the 0-1 knapsack problem based on DNA computing

, Hassan Mishmast Nehi

APPLIED MATHEMATICS AND COMPUTATION Volume: () -

2006

48. A polytop approach for quadratic assignment problem

Hassan Mishmast Nehi,

Journal of Basic Science (university of mazandaran) Volume: (3) 55 - 63

49. A canonical representation for the solution of fuzzy linear system and fuzzy linear programming problem

Hassan Mishmast Nehi, ,

Journal of Applied Mathematics Computing Volume: (20) -

2005

50. Intuitionistic fuzzy optimization model and intuitionistic fuzzy numbers

Hassan Mishmast Nehi,

WSEAS Trans.On Informations Science and Applications (MSRT BLACKLIST) Volume: () -

2004

51. Solving fuzzy number linear programming problem by lexicographic ranking function

Hassan Mishmast Nehi

Italian Journal of Pure and Applied Mathematics Volume: () 173 - 182

2003

52. A new ranking function method for fuzzy numbers

Hassan Mishmast Nehi

Journal of Basic Science (university of mazandaran) Volume: (2) 31 - 38

1. Optimization of fuzzy clustering algorithm

22nd Iranian Conference on Fuzzy Systems

Mehdi Shahraki ghadimi, Hassan Mishmast Nehi, Seyed Mahdi Amir Jahanshahi

2. Solving fuzzy bilevel linear programming problem based on interval approximation

9th Iranian Joint Congress on Fuzzy and Intelligent Systems

Niloofar Davoudi, Farhad Hamidi, Hassan Mishmast Nehi

3. Triangular fuzzy bilevel linear programming problem

8th Iranian Joint Congress on Fuzzy and intelligent Systems (CFIS)

Niloofar Davoudi, Farhad Hamidi, Hassan Mishmast Nehi

2018

4. Solving The Interval Type-2 Fuzzy Linear Programming Problem By The Nearest Interval Approximation

6th Iranian Joint Congress on Fuzzy and Intelligent Systems

, Hassan Mishmast Nehi

2017

5. A new algorithm to obtain the optimal solution set of the interval linear programming

10th International Conference of Iranian Operations research sosiety

6. Solving interval type-2 fuzzy linear programming problem with a new ranking function method

, Hassan Mishmast Nehi

2007

7. A Parallel Algorithm Based Molecular Biology For The Degree-Constrained Minimum Spanning Tree Problem

International Conference on Mathematical Biology

Hassan Mishmast Nehi,

2004

10. A CANONICAL REPRESENTATION FOR THE SOLUTION OF FUZZY LINEAR SYSTEM AND FUZZY LINEAR PROGRAMMING

2003

11. The Lexicographic Ranking Function Method for ordering Fuzzy Quantities

IFSA

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12. The Lexicographic Ranking Function Method for Ordering Fuzzy quantities

IFSA2003

Hassan Mishmast Nehi, ,

2002

13. The Lexicographic Ranking Function Method for Fuzzy Number Linear Programming Problem

33th Iranian Mathematics Conference

Hassan Mishmast Nehi, ,

14. Fuzzy Number Linear Programming A Probabilistic Approach

کنفرانس AFSS 2002

, Hassan Mishmast Nehi,

15. On Fuzzy Linear System

Recent Advances in Computers Computing and communications

Hassan Mishmast Nehi, ,

2000

16. USING FUZZY VARIABLES IN MULTIOBJECTIVE LINEAR PROGRAMMING

AFSS 2000 JAPAN

Hassan Mishmast Nehi, ,

Executive activities

رئيس دانشگاه علمي و كاربردي

from 1400/04/01 - now

عضو هيات تحريريه مجله Iranian Journal of Fuzzy Systems

from 1400/01/01 - now

سردبيرمجله علمي پژوهشي سيستم هاي فازي

from 1397/11/13 - now

مدير امور اداري

from 1397/11/13 - to 1400/04/01

رئيس مركز اسناد و كتابخانه مركزي دانشگاه

from 1386/02/19 - to 1397/11/12

معاون اداري مالي دانشكده علوم

from 1384/05/30 - to 1386/02/19

Research Project

2004

1. Linear Programming Problem with Inexact Parameters

Hassan Mishmast Nehi - 2004