



## Hassan Mishmast Nehi

### Professor

Faculty : Math

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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

## Courses

1. Graph theory and applications
2. Optimization of nonlinear models
3. Soft computing
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 in F N O

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## Master Thesis

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### 1. Solving Fully Fuzzy Multi-objective Linear Programming problem Using Nearest Interval Approximation of fuzzy number

هدیه ایرندگانی, [Hassan Mishmast Nehi]

نیمسال دوم سال تحصیلی 97-98

### 2. Solving multi-choice and multi-objective linear programming problem with exact and inexact data

مجیب الرحمن ازموده دست, [Hassan Mishmast Nehi]

نیمسال دوم سال تحصیلی 97-98

### 3. Feasibility-optimal value bounds of the objective function- optimality

فاطمه سالاری پورشریف آباد, [Mehdi Allahdadi, Hassan Mishmast Nehi]

نیمسال دوم سال تحصیلی 97-98

### 4. Weak and strong solution for fuzzy linear programming problems

حمیدالله کشاورز, [Hassan Mishmast Nehi]

نیمسال اول سال تحصیلی 97-98

### 5. Interval type-2 fuzzy linear programming

مسلم جوانمرد, [Hassan Mishmast Nehi]

نیمسال اول سال تحصیلی 96-97

### 6. Interval type-2 fuzzy linear programming

مسلم جوانمرد, [Hassan Mishmast Nehi]

نیمسال دوم سال تحصیلی 95-96

### 7. Obtaining methods of optimal solutions set of interval linear programming problem

حسنعلی عشایری نسب, [Hassan Mishmast Nehi, Mehdi Allahdadi]

نیمسال دوم سال تحصیلی 95-96

### 8. using rough and fuzzy rough sets in MADM problems

علیرضا منصوری قروتخوار, [Hassan Mishmast Nehi]

نیمسال اول سال تحصیلی 95-96

### 9. Obtaining methods of optimal solutions set of interval linear programming problem

حسنعلی عشایری نسب, [Hassan Mishmast Nehi, Mehdi Allahdadi]

نیمسال اول سال تحصیلی 95-96

### 10. Interval type-2 fuzzy linear programming

مسلم جوانمرد, [Hassan Mishmast Nehi]

نیمسال اول سال تحصیلی 95-96

### 11. Interval type-2 fuzzy linear programming

مسلم جوانمرد, [Hassan Mishmast Nehi]

نیمسال دوم سال تحصیلی 95-94

### 12. Obtaining methods of optimal solutions set of interval linear programming problem

حسنعلی عشایری نسب, [Hassan Mishmast Nehi, Mehdi Allahdadi]

نیمسال دوم سال تحصیلی 95-94

### 13. using rough and fuzzy rough sets in MADM problems

[Hassan Mishmast Nehi], عليرضا منصورى قروتخوار

نيمسال دوم سال تحصيلي 94-95

#### 14. using rough and fuzzy rough sets in MADM problems

[Hassan Mishmast Nehi], عليرضا منصورى قروتخوار

نيمسال اول سال تحصيلي 94-95

#### 15. itz

[Mohammad Reza Sohrabi, Hassan Mishmast Nehi], احسان عديلي

نيمسال اول سال تحصيلي 91-90

#### 16. itz

[Mohammad Reza Sohrabi, Hassan Mishmast Nehi], احسان عديلي

نيمسال دوم سال تحصيلي 90-89

#### 17. gujgk

[Hassan Mishmast Nehi, Faranak Hosseinzadeh saljooghi], ازاد صالحى

نيمسال دوم سال تحصيلي 89-88

#### 18. jzk

[Hassan Mishmast Nehi], على محمدى

نيمسال دوم سال تحصيلي 89-88

#### 19. dcdc

[Hassan Mishmast Nehi], حميد حاج محمدى

نيمسال دوم سال تحصيلي 89-88

#### 20. jzkklv

[Hassan Mishmast Nehi], نجمه عبدالهې شېرى

نيمسال دوم سال تحصيلي 89-88

#### 21. jhfjkhf

[Hassan Mishmast Nehi], مصطفى يگانه فر

نيمسال دوم سال تحصيلي 89-88

#### 22. Multilevel Linear programming

[Hassan Mishmast Nehi], فرهاد حميدى

نيمسال دوم سال تحصيلي 89-88

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## Journals Papers

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### 2020

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#### 1. Optimal Solutions Set in Interval Quadratic Programming Problems

Mahdieh Ghorbani, Hassan Mishmast Nehi, Mehdi Allahdadi

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

#### 2. 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

#### 3. 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

#### 4. Fuzzy-rough set models and fuzzy-rough data reduction

, Hassan Mishmast Nehi

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

### 2019

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#### 5. 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

#### 6. 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

### 2018

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#### 7. 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

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

Hassan Mishmast Nehi, Hasanali Ashayerinasab, Mehdi Allahdadi

Operational Research Volume: (-) 1 - 25

## 2017

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### 9. New solution space for solving the interval linear programming model

Mehdi Allahdadi, Hassan Mishmast Nehi

Volume: (53) 111 - 121

## 2016

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### 10. SOLVING THE INTERVAL LINEAR PROGRAMMING PROBLEMS BY A NEW APPROACH

Mehdi Allahdadi, Hassan Mishmast Nehi

ICIC Express Letters Volume: (10) 1 - 9

### 11. 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

### 12. Improving the modified interval linear programming method by new techniques

Mehdi Allahdadi, Hassan Mishmast Nehi, Hasanali Ashayerinasab,

INFORMATION SCIENCES Volume: (339) 224 - 236

### 13. Solving fuzzy complex system of linear equations using eigenvalue method

, Hassan Mishmast Nehi, - -

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

### 14. 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

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### 15. 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

### 16. 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

### 17. 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

### 18. 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

### 19. 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

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### 20. 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

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### 21. BILEVEL LINEAR PROGRAMMING WITH FUZZY PARAMETERS

Farhad Hamidi, Hassan Mishmast Nehi

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

## 2012

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### 22. 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

## 2007

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### 23. 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) -

## 2006

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### 24. Apolytop approach for quadratic assignment problem

Hassan Mishmast Nehi,

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

### 25. 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

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### 26. Intuitionistic Fuzzy Optimization Model and Intuitionistic Fuzzy Numbers

Hassan Mishmast Nehi,

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

## 2004

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### 27. Solving Fuzzy Number Linear Programming Problem By Lexicographic Ranking Function

Hassan Mishmast Nehi

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

## 2003

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### 28. A new Ranking Function Method for Fuzzy Numbers

Hassan Mishmast Nehi

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

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## Conferences Papers

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2020

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1. [Triangular fuzzy bilevel linear programming problem](#)

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

Niloofer Davoudi, Farhad Hamidi, Hassan Mishmast Nehi

2018

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2. [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

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3. [A new algorithm to obtain the optimal solution set of the interval linear programming](#)

10th International Conference of Iranian Operations research society

Hasanali Ashayerinasab, Hassan Mishmast Nehi, Mehdi Allahdadi

4. [Solving interval type-2 fuzzy linear programming problem with a new ranking function method](#)

, Hassan Mishmast Nehi

2007

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5. [A Parallel Algorithm Based Molecular Biology For The Degree-Constrained Minimum Spanning Tree Problem](#)

International Conference on Mathematical Biology

Hassan Mishmast Nehi,

2004

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8. [A CANONICAL REPRESENTATION FOR THE SOLUTION OF FUZZY LINEAR SYSTEM AND FUZZY LINEAR PROGRAMMING](#)

2003

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9. [The Lexicographic Ranking Function Method for ordering Fuzzy Quantities](#)

IFSA

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10. [The Lexicographic Ranking Function Method for Ordering Fuzzy quantities](#)

IFSA2003



Hassan Mishmast Nehi, ,

2002

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

33th Iranian Mathematics Conference

Hassan Mishmast Nehi, ,

12. Fuzzy Number Linear Programming A Probabilistic Approach

کنفرانس AFSS 2002

, Hassan Mishmast Nehi,

13. On Fuzzy Linear System

Recent Advances in Computers Computing and communications

Hassan Mishmast Nehi, ,

2000

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14. USING FUZZY VARIABLES IN MULTIOBJECTIVE LINEAR PROGRAMMING

AFSS 2000 JAPAN

Hassan Mishmast Nehi, ,

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## Executive activities

مدیر امور اداری

from 1397/11/13 - now

سر دبیر مجله علمی پژوهشی سیستم های فازی

from 1397/11/13 - now

رئیس مرکز اسناد و کتابخانه مرکزی دانشگاه

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