



Farhad Hamidi

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Education

- ✓ MS, Applied Mathematics - Operations Research, Sistan and Baluchestan University - 1997
- ✓ PhD, Applied Mathematics - Operations Research, Sistan and Baluchestan University - 2013
- ✓ PhD, Applied Mathematics - Operations Research, Sistan and Baluchestan University - 2013

Courses

- | | |
|--|---|
| 1. 0 | 2. 0 |
| 3. Differential equations | 4. computer fundamentals |
| 5. Introduction to programming and computer pockgs | 6. Fundamental of computer and programming |
| 7. Operations research 1 | 8. Computer and its Application in Management |
| 9. Project control | 10. Linear optimization |
| 11. Queuing systems | 12. Linear programming and networking |
| 13. Matrix Computations | 14. Saft comuting |
| 15. Topics in Multi-Purpose Planning | 16. Operation Research Fundamentals |
| 17. Computer Principles 1 | 18. Mathematics1 |
| 19. Nonlinear optimization | 20. Fundamental of Computer and Programming |
| 21. Integer Programming and Network | 22. Nonlinear planning |
| 23. Topics in Multiplayer Planning | 24. Mathematics 2 |
| 25. Research in advanced operations 1 | 26. A topic on optimization |
| 27. Special topics | 28. Topics in fuzzy optimization |
| 29. n | 30. Fundamental of Computer and Programming |
| 31. Advanced Nonlinear optimization | 32. Network optimization |
| 33. Basic Mathematics | 34. Mathematics for Economics (2) |

Master Thesis

1. Multi objective fractional programming under uncertainty conditions

محمد مشهدي, [Farhad Hamidi, Mehdi Allahdadi]

نیمسال دوم سال تحصیلی 1402-1403

2. Investigating economic efficiency using network data envelopment analysis in uncertainty environment

فریده جهانتیغ, [Farhad Hamidi, Faranak Hosseinzadeh saljooghi]

نیمسال دوم سال تحصیلی 1402-1403

3. Using picture fuzzy sets in some optimization problems

فائزه شهرکی, [Farhad Hamidi, Zahra Shabani Siahkalde, Hassan Mishmast Nehi, Mehdi Allahdadi]

نیمسال اول سال تحصیلی 1402-1403

4. The utilization of decentralized programming models in data envelopment analysis

علی رضا پیشگوی, [Farhad Hamidi, Faranak Hosseinzadeh saljooghi]

نیمسال دوم سال تحصیلی 99-00

5. Integer multiplication in time $O(n \log n)$

معصومه کلبعلی, [Nader Kouhestani, Farhad Hamidi, Javad Jamalzadeh, Zahra Shabani Siahkalde, Hossein Hosseini Giv]

نیمسال اول سال تحصیلی 99-00

6. A survey of multiobjective linear fractional programming problem in fuzzy environment

سمیره واضعه, [Farhad Hamidi]

نیمسال اول سال تحصیلی 99-00

7. New approaches for solving the transportation problem under a fuzzy environment

مریم قدیری, [Farhad Hamidi]

نیمسال دوم سال تحصیلی 98-99

8. Survey of the multilevel hierarchical optimization problems in inexact environment

نیلوفر داودی, [Farhad Hamidi, Hassan Mishmast Nehi]

نیمسال دوم سال تحصیلی 98-99

9. determining the efficiency in two-level decision making models with multiple followers

شیوا کیانی, [Farhad Hamidi, Faranak Hosseinzadeh saljooghi]

نیمسال دوم سال تحصیلی 98-99

10. Critical path method in networks of the project control under a fuzzy environment

نعمت اله جمال زهی, [Farhad Hamidi]

نیمسال دوم سال تحصیلی 98-99

11. Survey of the multilevel hierarchical optimization problems in inexact environment

نیلوفر داودی, [Farhad Hamidi, Hassan Mishmast Nehi]

نیمسال اول سال تحصیلی 98-99

12. Some Extensions of Bi level linear programming

سیده فرخنده طیب نسب, [Farhad Hamidi, Moheb Ali Rahdar]

نیمسال اول سال تحصیلی 98-99

13. Some Extensions of Bi level linear programming

سیده فرخنده طیب نسب, [Farhad Hamidi, Mehdi Allahdadi]

نیمسال دوم سال تحصیلی 97-98

14. Fuzzy multi objective security games

[Farhad Hamidi, Seyyede Farkhondeh Tayebnasab], ام البنین روهی

نیمسال دوم سال تحصیلی 97-98

15. Some approaches for intuitionistic fuzzy multi-objective

[Farhad Hamidi, A A], سارا کرنگیش

نیمسال دوم سال تحصیلی 97-98

16. Integer bilevel linear programming

[Farhad Hamidi, Niloofar Davoudi], مزده یزدان پناه

نیمسال دوم سال تحصیلی 97-98

17. Some Extensions of Bi level linear programming

[Farhad Hamidi, Mehdi Allahdadi], سیده فرخنده طیب نسب

نیمسال اول سال تحصیلی 97-98

18. determining the efficiency in two-level decision making models with multiple followers

[Farhad Hamidi, Faranak Hosseinzadeh saljooghi], شیوا کیانی

نیمسال اول سال تحصیلی 97-98

19. Leader-follower decision making with ambiguous follower level

[Farhad Hamidi], خدیجه بلوچ زهی

نیمسال اول سال تحصیلی 96-97

20. ab

[Hassan Rezaei, Farhad Hamidi], حسن اسبابان

نیمسال اول سال تحصیلی 93-94

21. ab

[Amin Rahati, Farhad Hamidi], احسان زارع

نیمسال اول سال تحصیلی 93-94

Journals Papers

2024

1. تخصیص منصفانه هزینه ثابت در سیستمهای یک و دو مرحله‌ای با استفاده از تحلیل پوششی داده ها

Faranak Hosseinzadeh saljooghi, Ali Reza Pishgouy, Farhad Hamidi

Volume: (5) 348 - 367

2023

2. A METHOD FOR SOLVING BILEVEL LINEAR PROGRAMMING PROBLEM WITH INTUITIONISTIC FUZZY PARAMETERS

Niloofar Davoudi, Farhad Hamidi

Journal of Fuzzy Systems and Applications Volume: (6) 1 - 21

3. 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

4. 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

5. A Bi-level Multi-objective Programming on Data Envelopment Analysis by Penalty Approach

Ali Reza Pishgouy, Farhad Hamidi, Faranak Hosseinzadeh saljooghi

International Journal of Applied and Computational Mathematics Volume: (8) 1 - 9

2021

6. SOLVING TRI-LEVEL LINEAR PROGRAMMING PROBLEM BY A NOVEL HYBRID ALGORITHM

Farkhondeh Tayebnasab, Farhad Hamidi, Mehdi Allahdadi

Turkish World Mathematical Society Journal of Applied and Engineering Mathematics Volume: (11) 101 - 112

7. Introducing a Bi-Level Linear Programming Model to Reduce Patient Payment and Increase Hospital Income Simultaneously

Farkhondeh Tayebnasab, Moheb Ali Rahdar, Farhad Hamidi, Hamid Reza Maleki

hospital practices and research Volume: (6) 157 - 163

2020

8. A New Approach for Solving Fully Fuzzy Bilevel Linear Programming Problems

Farkhondeh Tayebnasab, Farhad Hamidi, Mehdi Allahdadi

International Journal of Industrial Mathematics Volume: (12) 1 - 11

2018

[9. A New Method for Solving the Fully Interval Bilevel Linear Programming Problem with Equal Constraints](#)

Farkhondeh Tayebnasab, Farhad Hamidi, Mehdi Allahdadi

Volume: (4) 51 - 60

2016

[10. ABC_M: A Hybrid Algorithm ABC and BA](#)

, Hassan Rezaei, Farhad Hamidi

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

2015

[11. 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

2013

[12. BILEVEL LINEAR PROGRAMMING WITH FUZZY PARAMETERS](#)

Farhad Hamidi, Hassan Mishmast Nehi

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

2012

[13. 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

1. Triangular fuzzy bilevel linear programming problem

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

Nilloofar Davoudi, Farhad Hamidi, Hassan Mishmast Nehi

2019

2. A Method for Solving Bilevel Linear Multiobjective Fuzzy Probabilistic Programming Problem

12th International Conference of Iranian Operations Research Society

2015

3. Study of Simple Linear Regression Based on Least Squares and Fuzzy Least Absolutes Deviations and its Application in Geography

Mohammad Hossein Dehghan, Farhad Hamidi,

Executive activities

مشاوره دانشجویان کارشناسی

from 1402/07/01 - now