



Mohammad Afzalinejad

Assistant Professor

College: Mathematics

Educational Information

Grade	Graduated At	Major	University
BSc	2000	Applied Mathematics	Amirkabir University
MSc	2003	Applied Mathematics (Operations Research)	Kharazmi
Ph.D	2007	Applied Mathematics (Operations Research)	Kharazmi

Employment Information

Service Location	Position Name	Employment Type	Cooperation Type	Base
Tafresh University	Assistant Professor	Official Experimental	Full Time	

Executive Activities

Educational Affairs Manager

Evaluating Office Manager

Head of the Department

Professional Education Subjects

1-Optimization

2.Operations Research

3.Calculus

4.Computer Programming

Course Topics

Operations Research I & II

Optimization

Programming, C/C++

Data Structure & Algorithms

Calculus

Differential Equations

Papers in Conferences

1. Z. Keyvan, M. Afzalinejad ,Appropriate Efficiency Evaluation by Using Facets of PPS ,6th International Conference of Iranian Operations Research Society ,2013/05/08.
2. S. Kaedi, M. Afzalinejad ,A complete slacks-based measure of efficiency in network DEA ,6th International Conference of Iranian Operations Research Society ,2013/05/9.
3. M. Afzalinejad ,A derivative-approximation method with rapid convergence for unconstrained optimization ,International Conference on Operations Research and Optimization, IPM ,tehran ,2011/01/27.
4. Z. Alavinasab, M. Afzalinejad ,Evaluating Super-efficiency in Imprecise Data Envelopment Analysis ,6th International Conference of Iranian Operations Research Society ,2013/05/09.

Papers in Journals

1. M. Afzalinejad, Z. Abbasi,A Slacks-based Model for Dynamic Data Envelopment Analysis,Journal of Industrial and Management Optimization,2018,ISI.
2. M. Afzalinejad,Rapidly Convergent Steffensen-based Methods for Unconstrained Optimization,RAIRO-Operations Research,2018,ISI.
3. Afzalinejad, Mohammad.Evaluating the efficiency of two-stage systems under Stackelberg game and imprecise data conditions.Journal of Advanced Mathematical Modeling.۲۰۲۱.
4. Afzalinejad, Mohammad و Afzalinejad Neda.Two-level Efficiency Evaluation of Centralized Star Networks.Journal of Decisions and Operations Research.۲۰۲۱.ISC.
5. Afzalinejad, Mohammad,Evaluating radial efficiency considering environmental factors: A generalization of classical DEA,Measurement,2022.
6. M. Afzalinejad,Reverse efficiency measures for environmental assessment in data envelopment analysis,Socio-Economic Planning Sciences,Vol. 100731,pp. 0-30,2019.
7. M. Afzalinejad, D.F. Jones,On finding and detecting efficient assignments in the case of multiple inputs and outputs,International Journal of Computer Mathematics,Vol. 87,pp. 715-725,2010,ISI.
8. G.R. Jahanshahloo, M. Afzalinejad,Goal programming in the context of the assignment problem and a computationally effective method,Applied Mathematics and Computation,No. 200,pp. 34-40,2008,ISI.
9. G.R. Jahanshahloo, M. Afzalinejad,A comment on "An extended assignment problem considering multiple inputs and outputs", Applied Mathematical Modelling,Applied Mathematical Modelling,No. 32,pp. 2459-2462,2008,ISI.
10. G.R. Jahanshahloo, M. Afzalinejad,Quadratic frontier for the production possibility set in data envelopment analysis,Journal of Applied Sciences,Vol. 7,pp. 3750-3755,2007,ISI.
11. G.R. Jahanshahloo, M. Afzalinejad,A Ranking Method Based on a Full-inefficient Frontier,Applied

