

**CURRICULUM VITAE
ABDOLLAH HADI-
VENCHEH**



CONTACT INFORMATION

School of Sciences, Isfahan Branch,
Azad University (IAU), Isfahan,
Iran

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PERSONAL INFORMATION

Date of Birth: July 19, 1975
Nationality: Iranian
Marital status: Married

CURRENT JOB TITLE

Full Professor of Operations Research
Isfahan (Khorsgan) Branch,
Azad University (IAU)

EDUCATIONAL BACKGROUND

2000 - 2003	Ph. D, IAU, Science and Research Branch
1997 - 2000	M.Sc, Kharazmi University
1993 - 1997	B. Sc, Razi University

EMPLOYMENT HISTORY

2000- January 15, 2009: Full time faculty member, School of Sciences, Isfahan Branch, IAU, Isfahan, Iran

2005- 2008: Part time faculty member, Department of Industrial Engginering, Najafabad Branch, IAU, Najafabad, Iran

January 16, 2009 – January 20, 2013: Vice president of research, Mobarakeh Branch, IAU, Mobarakeh, Iran

January 21, 2013- November 21, 2014: Vice president of education and graduate studies, Mobarakeh Branch, IAU, Mobarakeh, Iran

November 22, 2014- December 15, 2018: President of Mobarakeh Branch, IAU, Mobarakeh, Iran

December 16, 2018 – Now: Isfahan Branch, IAU, Isfahan, Iran

RESEARCH PROJECTS

- | | |
|-------------|---|
| 2010 - 2010 | A DEA model for supplier selection
<i>Members:</i> M. Tavassoli and R. Ketabchi
<i>Authority:</i> Azad University |
| 2009 - 2010 | A mathematical programming model for estimating inputs in efficiency measurement models
<i>Members:</i> M. Tavassoli
<i>Authority:</i> Azad University |
| 2007 - 2008 | Evaluation of wheat farming efficiency by DEA
<i>Members:</i> F. Karimi and H. Pirasteh
<i>Authority:</i> Azad University |
| 2006 - 2007 | Undesirable factors in efficiency measurement
<i>Members:</i> M. Tavassoli Kajani and B. Asady
<i>Authority:</i> Azad University |
| 2004 - 2005 | Efficiency measurment of departments of IAU, Mobarakeh Branch
<i>Members:</i> M. Aghajani
<i>Authority:</i> Azad University |

TAUGHT COURSES (SHORT LIST)

Operational research, Fuzzy optimization, Linear programming, Decision analysis, Data envelopment analysis, Multiple criteria decision making, Multiple objective programming.

TEACHING FEEDBACK SCORES (SHORT LIST)

MODULE: Fuzzy Management Science for Ph. D students of Industrial Management
NUMBR OF STUDENTS: 12
SCORE (OUT OF 20): 18.27

MODULE: Operational Research (1) for undergraduate students of Accounting
NUMBR OF STUDENTS: 39
SCORE (OUT OF 20): 19.01

MODULE: Operational Research (1) for undergraduate students of Business

NUMBR OF STUDENTS: 56

SCORE (OUT OF 20): 18.40

MODULE: Operational Research (2) for undergraduate students of Business, Accounting and Mngement

NUMBR OF STUDENTS: 92

SCORE (OUT OF 20): 18.63

MODULE: Mathematics for undergraduate Chemical students

NUMBR OF STUDENTS: 36

SCORE (OUT OF 20): 18.53

PUBLICATIONS

A) CONFERENCES

A new DEA Malmquist productivity measure

Conference: 2nd Conference on Information Technology, WCIT 2011, Antalya; Turkey; 23-27 November 2011; (Speech)

Authors: **A. Hadi-Vencheh**, Y. Dabighi

A DEA-like model for supplier selection

Conference: 2nd Conference on Information Technology, WCIT 2011, Antalya; Turkey; 23-27 November 2011; (Speech)

Authors: R. Ketabchi, **A. Hadi-Vencheh**, M. Niazi-Motlagh and N. ShayestehMoghadam

A mathematical programming model for supplier's selection

Conference: American Conference on Applied Mathematics, AMERICAN-MATH'11, Puerto Morelos; Mexico; 29 January 2011 through 31 January 2011; (Speech)

Authors: **A. Hadi-Vencheh** and N. ShayestehMoghadam

A hybrid DEA model for the measurement of the environmental performance

Conference: World Academy of Science, Engineering and Technology, Bankok, Thailand; April; (Speech)

Authors: **A. Hadi-Vencheh** and N. ShayestehMoghadam

A non-radial super efficiency model in the presence of negative data

Conference: The Fourth International Conference of the Iranian Operational Research Society. 2011, Rasht, Iran; (Speech)

Authors: A. Esmailzadeh and **A. Hadi-Vencheh**

Efficiency measurement via modelling undesirable factors in DEA

Conference: The National 3rd Conference on Data Envelopment Analysis. 2011, Babolsar, Iran; (Speech)

Authors: S. Nafisi and **A. Hadi-Vencheh**

A linear programming model for supplier selection

Conference: The first national conference of management. 2010, Shiraz, Iran;
(Speech)

Authors: **A. Hadi-Vencheh** and M. Niazi-Motlagh

Multiple criteria ABC inventory classification: A DEA approach

Conference: Ninth conference of Association of Asia Pacific Operational Research Societies, APORS2009, December 6, 2009-December 9, 2009, Jaipur, India; (Speech)

Authors: **A. Hadi-Vencheh**

Resource allocation: A DEA framework

Conference: International Conference on Mathematical Sciences, ICM2008, March3, 2008-March 6, Al-Ain, United Arab Emirates; (Speech)

Authors: **A. Hadi-Vencheh**

A new network DEA model for the efficiency evaluation

Conference: OR48Annual Conference, University of Bath, September 11-13 2006, UK.; (Speech)

Authors: **A. Hadi-Vencheh**

Data envelopment analysis with undesirable factors

Conference: 35th Iranian Conference on Mathematics. 2005; (Speech)

Authors: **A. Hadi-Vencheh**

Inefficiency evaluation based on an additive DEA model under imprecise data

Conference: IFORS 2005, Honolulu, Hawaii, July 11-152005, USA.; (Speech)

Authors: **A. Hadi-Vencheh** and R. Kazemi-Matin

A Development Study of Data Envelopment Analysis for Inputs/ Outputs Estimation

Conference: 34th Iranian Conference Mathematics. 2003, Ahwaz, Iran; (Speech)

Authors: **A. Hadi-Vencheh**

The use of data envelopment analysis in fair distribution of a common revenue

Conference: 33th Iranian Conference Mathematics. 2002; (Speech)

Authors: **A. Hadi-Vencheh**

B) JOURNAL PAPERS

Group multiple attribute decision making using a modified TOPSIS method in the presence of interval data

Journal: Scientia Iranica

(IF = 1.435). 2022; Accepted

Authors: S. Abootalebi, **A. Hadi-Vencheh**, A. Jamshidi

An improved fuzzy TOPSIS method with a new ranking index

Journal: International Journal of Information Technology & Decision Making

(IF = 2.220). 2021; Accepted

Authors: S. A. Sadabadi, **A. Hadi-Vencheh**, A. Jamshidi, M. Jalali

Eco-innovation analysis: A data envelopment analysis methodology

Journal: Environmental Technology & Innovation (IF = 5.263). 2021; 23; 101770

Authors: H. Arman, A. Jamshidi, **A. Hadi-Vencheh**

The revised extent analysis method

Journal: Concurrency and Computation: Practice and Experience (IF = 1.536). 2021; 33(17); e6319.

Authors: H. Arman, **A. Hadi-Vencheh**

Bank efficiency estimation in China: DEA-RENNA approach

Journal: Annals of Operations Research (IF = 4.854). 2021, In press

<https://doi.org/10.1007/s10479-021-04111-2>

Authors: J. Antunes, **A. Hadi-Vencheh**, A. Jamshidi, Y. Tan, P. Wanke

Relative agreement method for multiple criteria decision making problems with interval numbers

Journal: Scientia Iranica (IF = 1.435). 2021, In press

<https://doi.org/10.24200/SCI.2021.54526.3794>

Authors: S. Saffarzadeh, A. Jamshidi, **A. Hadi-Vencheh**

The interval type-2 fuzzy ELECTRE III method to prioritize machines for preventive maintenance

Journal: International Journal of Industrial Engineering & Production Research

(Scopus). 2021; 32(4); 1-19

Authors: A. Mohamadghasemi, **A. Hadi-Vencheh**, F. Hosseinzadeh Lotfi

Longitudinal bibliometric analysis applied to home care services

Journal: Computer Methods and Programs in Biomedicine (IF = 5.428). 2021; 205; 106108

Authors: O.A. Diogo, E.R. de Vargas, P.F. Wanke, **A. Hadi-Vencheh**

Air Pollution Assessment in China: A Novel Group Multiple Criteria Decision Making Model under Uncertain Information

Journal: Sustainability (IF = 3.251). 2021; 13(4); 1686

Authors: **A. Hadi-Vencheh**, Y. Tan, P. Wanke, S.M. Loghmanian

Hotel Performance in the UK: The Role of Information Entropy in a Novel Slack-Based Data Envelopment Analysis

Journal: Entropy (IF = 2.524). 2021; 23(2); 184

Authors: Y. Tan, A. Jamshidi, **A. Hadi-Vencheh**, P. Wanke

Efficiency evaluation with cross-efficiency in the presence of undesirable outputs in stochastic environment

Journal: Communications in Statistics - Theory and Methods (IF = 0.893). 2021, In press

<https://doi.org/10.1080/03610926.2021.1879859>

Authors: M. Khodadadipour, **A. Hadi-Vencheh**, M.H. Behzadi, M. Rostamy-malkhalifeh

Undesirable factors in stochastic DEA cross-efficiency evaluation: An application to thermal power plant energy efficiency

Journal: Economic Analysis and Policy (IF = 2.497). 2021; 69; 613-621

Authors: M. Khodadadipour, **A. Hadi-Vencheh**, M.H Behzadi, M. Rostami-malkhalifeh

Revisiting the approximated weight extraction methods in fuzzy analytical hierarchy process

Journal: International Journal of Intelligent Systems (IF = 8.709). 2021;36 (4); 1644-1667

Authors: H. Arman, **A. Hadi-Vencheh**, A. Arman, A. Moslehi

A linear programming technique to solve fuzzy multiple criteria decision making problems with an application

Journal: Rairo Operations Research (IF = 1.393). 2021; 55(1); 83-97

Authors: S. A. Sadabadi, **A. Hadi-Vencheh**, A. Jamshidi, M. Jalali

Restricting the relative weights in data envelopment analysis

Journal: International Journal of Finance & Economics (IF = 3.070). 2021; 26(3); 4127-4136

Authors: H. Arman, **A. Hadi-Vencheh**

Fuzzy Mathematical Models for Maximizing Contractors' and Clients' Satisfaction by Considering Flexible Start Date of the Project

Journal: Scientia Iranica (IF = 1.435). 2020; In press

[https:// 10.24200/SCI.2020.54657.3850](https://10.24200/SCI.2020.54657.3850)

Authors: F. Khazaeli, H. Arman, M.R. Zare, **A. Hadi-Vencheh**

The multi-objective stochastic CRITIC-TOPSIS approach for solving the shipboard crane selection problem

Journal: International Journal of Intelligent Systems (IF = 8.709). 2020; 35(10); 1570-1598

Authors: A. Mohamadghasemi, **A. Hadi-Vencheh**, F. Hosseinzadeh Lotfi

Sustainable resource management in a supply chain: a methodological proposal combining zero-inflated fuzzy time series and clustering techniques

Journal: Journal of Enterprise Information Management (IF = 5.396). 2020; 33(5); 1059-1076

Authors: H. Ewbank, J. Roveda, S. Roveda, A. Ribeiro, A. Bressane, **A. Hadi-Vencheh**, P. Wanke

Undesirable factors in stochastic cross-efficiency evaluation

Journal: International Journal of Data Envelopment Analysis. 2020; 8(3); 43-51

Authors: M. Khodadadipour, **A. Hadi-Vencheh**, M.H. Behzadi, M. Rostami-malkhalifeh

An effective hybrid goal programming approach for multi-objective straight assembly line balancing problem with stochastic parameters

Journal: Operational Research (IF = 2.410). 2020; 20 (4); 1939-1976

Authors: H.A. Mardani-Fard, **A. Hadi-Vencheh**, A. Mahmoodirad, S. Niroomand

A new index for TOPSIS based on relative distance to best and worst points

Journal: International Journal of Information Technology & Decision Making (IF = 2.220). 2020; 19(3); 695-719

Authors: S. A. Sadabadi, **A. Hadi-Vencheh**, A. Jamshidi, M. Jalali

An integrated group FWA-ELECTRE III approach based on interval type-2 fuzzy sets for solving the MCDM problems using limit distance mean

Journal: Complex & Intelligent Systems (IF = 4.927). 2020; 6(2); 355-389

Authors: A. Mohamadghasemi, **A. Hadi-Vencheh**, F. Hosseinzadeh Lotfi, M. Khalilzadeh

Weight determination and ranking priority in interval group MCDM

Journal: Scientia Iranica (IF = 1.435). 2020; 27 (2); 3242-3252

Authors: S. Saffarzadeh, **A. Hadi-Vencheh**, A. Jamshidi

What does cost structure have to say about thermal plants energy efficiency? The case from Angola

Journal: Energies (IF = 3.004). 2020; 13(9); 2404

Authors: **A. Hadi-Vencheh**, P. Wanke, A. Jamshidi

Sustainability of Chinese airlines: A modified slack-based measure model for CO2 emissions

Journal: Expert Systems (IF = 2.587). 2020; 37(3), e12302

Authors: **A. Hadi-Vencheh**, P. Wanke, A. Jamshidi and Z. Chen

Providing comprehensive control chart for monitoring of linear and nonlinear profiles using functional data analysis

Journal: Journal of New Researches in Mathematics. 2020; 5 (22), 127-148

Authors: M. Bahri, **A. Hadi-Vencheh**

Business Environment Drivers and Technical Efficiency in the Chinese Energy Industry: A Robust Bayesian Stochastic Frontier Analysis

Journal: Computers & Industrial Engineering (IF = 5.431). 2020; 144; 106487

<https://doi.org/10.1016/j.cie.2020.106487>

Authors: P. Wanke, Y. Tan, J. Antunes, **A. Hadi-Vencheh**

An Interval Based Score Method for Multiple Criteria Decision Making Problems

Journal: International Journal of Information Technology & Decision Making

(IF = 2.220). 2019; 18(5); 1667-1687

Authors: S. Saffarzadeh, **A. Hadi-Vencheh**, A. Jamshidi

Ranking the alternatives with a modified TOPSIS method in multiple attribute decision making problems

Journal: IEEE Transactions on Engineering Management (IF = 6.146). 2019; In press

DOI: 10.1109/TEM.2019.2933593

Authors: S. Abootalebi, **A. Hadi-Vencheh**, A. Jamshidi

A simple mathematical programming model for countries' credit ranking problem

Journal: International Journal of Finance & Economics (IF = 3.070). 2019; 24: 449-460

Authors: S. Niroomand, N. Mirzaei, **A. Hadi-Vencheh**

Group multiple criteria ABC inventory classification using TOPSIS approach extended by Gaussian interval type-2 fuzzy sets and optimization programs

Journal: Scientia Iranica (IF = 1.435). 2019; 26 (5); 2988-3006

Authors: **A. Hadi-Vencheh**, A. Mohammadghasemi, F. Hosseinzadeh Lotfi, M. Khali zadeh

Selecting six sigma projects: A comparative study of DEA and LDA techniques

Journal: International Journal of Lean Six Sigma (IF = 3.329). 2018; 9(4), 506-522.

Authors: **A. Hadi-Vencheh**, A. Yousefi

Optimization approaches for core mapping on networks on chip

Journal: IETE Journal of Research (IF = 2.333). 2018; 64(3), 394-405.

Authors: M. Taassori, S. Niroomand, S. Uysal, B. Vizvari, **A. Hadi-Vencheh**

An improvement to determining expert weights in group multiple attribute decision making problems

Journal: Group Decision and Negotiation (IF = 2.648). 2018; 27(2): 215-221

Authors: S. Abootalebi, **A. Hadi-Vencheh**, A. Jamshidi

A DDF based model for efficiency evaluation in two-stage DEA

Journal: Optimization Letters (IF = 1.769). 2018; 12(5): 1029-1044

Authors: P. Wanke, **A. Hadi-Vencheh**, A. Forghani

Fuzzy inference systems and inventory allocation decisions: Exploring the impact of priority rules on total costs and service levels

Journal: Expert Systems with Applications (IF = 6.954). 2017; 85: 182-193

Authors: P. Wanke, H. Alvarenga, H. Correa, **A. Hadi-Vencheh**, M.A.K. Azad

An extension principle based solution approach for shortest path problem with fuzzy arc lengths

Journal: Operational Research (IF = 2.410). 2017; 17(2): 395-411

Authors: S. Niroomand, A. Mahmoodirad, A. Heydari, F. Kardani, **A. Hadi-Vencheh**

Hybrid greedy algorithms for fuzzy tardiness/earliness minimisation in a special single machine scheduling problem: case study and generalization

Journal: International Journal of Computer Integrated Manufacturing (IF = 3.205). 2016; 29 (8): 870-888

Authors: S. Niroomand, **A. Hadi-Vencheh**, N. Mirzaei, S. Molla-Alizadeh-Zavardehi

An unsupervised fuzzy clustering approach to the capacitated vehicle routing problem

Journal: Neural Computing and Applications (IF = 5.606). 2016; 27 (4): 857-867

Authors: H. Ewbank, P. Wanke, **A. Hadi-Vencheh**

Selecting Six Sigma projects: MCDM or DEA?

Journal: Journal of Modelling in Management (Scopus). 2016; 11 (1): 309-325

Authors: A. Yousefi, **A. Hadi-Vencheh**

Fuzzy-based mapping algorithms to design networks-on-chip

Journal: Journal of Intelligent & Fuzzy Systems (IF = 1.851). 2016; 31 (1): 27-43

Authors: M. Taassori, S. Niroomand, S. Uysal, **A. Hadi-Vencheh**, B. Vizvari

Predicting performance in ASEAN banks: an integrated fuzzy MCDM–neural network approach

Journal: Expert Systems (IF = 2.587). 2016; 33(3); 213–229

Authors: P. Wanke, M. Kalam Azad, C.P. Barros, **A. Hadi-Vencheh**

Designing statistical test for mean of random profiles

Journal: Industrial Engineering & Management Systems (Scopus). 2016; 15(4), 432-445

Authors: M. Bahri, **A. Hadi-Vencheh**

A DEA approach for investigating the effect of computerized maintenance management system on staff productivity: A case Study

Journal: Journal of New Research in Mathematics. 2016; 2 (5): 25-36

Authors: M. Soltani, **A. Hadi-Vencheh**

An inverse optimization model for imprecise data envelopment analysis

Journal: Optimization (IF = 2.360). 2015;64 (11): 2441-2454

Authors: **A. Hadi-Vencheh**, A. Hatami-Marbini, Z. Ghelej Beigi, K. Gholami

Modified migrating birds optimization algorithm for closed loop layout with exact distances in flexible manufacturing systems

Journal: Expert Systems with Applications (IF = 6.954). 2015; 42 (19): 6586-6597

Author: S. Niroomand, **A. Hadi-Vencheh**, R. Şahin, B. Vizvári

The slack-based measure model based on supporting hyperplanes of production possibility set

Journal: Expert Systems with Applications (IF = 6.954). 2015; 42 (19): 6522-6529

Authors: **A. Hadi-Vencheh**, J. Jablonsky, A. Esmailzadeh

OPAIC: An optimization technique to improve energy consumption and performance in application specific network on chips

Journal: Measurement (IF = 3.927). 2015; 74: 208-220

Authors: M. Taassori, M. Taassori, S. Niroomand, B. Vizvári, **A. Hadi-Vencheh**

A new hybrid fuzzy multi-criteria decision making model for solving the material handling equipment selection problem

Journal: International Journal of Computer Integrated Manufacturing (IF = 3,205). 2015; 28 (5): 534-550

Authors: **A. Hadi-Vencheh**, A. Mohamadghasemi

A new method for complete ranking of DMUs

Journal: Optimization (IF = 2.360). 2015; 64 (5): 1177-1193

Authors: A. Esmailzadeh, **A. Hadi-Vencheh**

An integrated model for solving the multiple criteria ABC inventory classification problem

Journal: Journal of New Research in Mathematics. 2015; 1 (2): 21-34

Authors: M. Aghashahi, **A. Hadi-Vencheh**

Fuzzy inferior ratio method for multiple attribute decision making problems

Journal: Information Sciences (IF = 6.795). 2014; 277: 263-272

Authors: **A. Hadi-Vencheh**, M. Mirjaberi

The allocation of sub-decision making units to parallel fuzzy network systems

Journal: Kybernetes (IF = 2.235). 2014;43 (7): 1079-1097

Authors: **A. Hadi-Vencheh**, Z. Ghelej Beigi, K. Gholami

Two effective total ranking models for preference voting and aggregation

Journal: Mathematical Sciences (IF = 1.986). 2014; 8 (1): 1-4

Author: **A. Hadi-Vencheh**

On the input/output reduction in efficiency measurement

Journal: Measurement (IF = 3.927). 2014; 50: 244-249

Authors: **A. Hadi-Vencheh**, Z.G. Beigi, K. Gholami

Solving fully fuzzy multiple objective linear programming problems: A new perspective

Journal: Journal of Soft Computing and Applications 2014; 1: 1-4

Authors: **A. Hadi-Vencheh**, Z. Rezaei, S. Razipour

A super-efficiency model for measuring aggregative efficiency of multi-period production systems

Journal: Measurement (IF = 3.927). 2014; 46 (10): 3988-3993

Authors: A. Esmailzadeh, **A. Hadi-Vencheh**

Erratum to “A decision support system for selecting convenience store location through integration of fuzzy AHP and artificial neural network”[Comput. Ind. 47 (2002) 199–214]

Journal: Computers in Industry (IF = 7.635). 2013; 64 (3): 350

Authors: A. Mohamadghasemi, **A. Hadi-Vencheh**

An integrated AHP-NLP methodology for facility layout design

Journal: Journal of Manufacturing Systems (IF = 8.633). 2013; 32 (1): 40-45

Authors: **A. Hadi-Vencheh** and A. Mohamadghasemi

Failure mode and effects analysis: A fuzzy group MCDM approach

Journal: Journal of Soft Computing and Applications. 2013;1: 1-14

Authors: **A. Hadi-Vencheh**, M. Aghajani

Failure mode and effects analysis using data envelopment analysis

Journal: International Journal of Industrial Mathematics. 2012;4 (3): 197-211

Authors: **A. Hadi-Vencheh**, S. Hejazi, A. Forghani and S.N. Hejazi

A new super-efficiency model in the presence of negative data

Journal: Journal of the Operational Research Society (IF = 2.860). 2013;64 (3): 396-401

Authors: A. Hadi-Vencheh and A. Esmailzadeh

A fuzzy linear programming model for risk evaluation in failure mode and effects analysis

Journal: Neural Computing & Applications (IF = 5.606). 2013;22 (6): 1105-1113

Authors: A. Hadi-Vencheh, S. Hejazi and Z. Eslaminasab

An integrated synthetic value of fuzzy judgments and nonlinear programming methodology for ranking the facility layout patterns

Journal: Computers & Industrial Engineering (IF = 5.431). 2012; 62 (1): 342-348

Authors: A. Mohamadghasemi, A. Hadi-Vencheh

A new fuzzy TOPSIS method based on left and right scores: An application for determining an industrial zone for dairy products factory

Journal: Applied Soft Computing (IF = 6.725). 2012;12: 2496–2505

Authors: M.N. Mokhtarian and A. Hadi-Vencheh

A new fuzzy MCDM approach based on centroid of fuzzy numbers

Journal: Expert Systems with Applications (IF = 6.954). 2011;38(11):5226-5230

Authors: A. Hadi-Vencheh and M.N. Mokhtarian

An improved voting analytic hierarchy process-data envelopment analysis methodology for suppliers selection

Journal: International Journal of Computer Integrated Manufacturing (IF = 3.205). 2011;24(3):189-197

Authors: A. Hadi-Vencheh and M. Niazi-Motlagh

Determining the ordering policies of inventory items in class B using If-Then rules base

Journal: Expert Systems with Applications (IF = 6.954). 2011;38(4):3891-3901

Authors: A. Hadi-Vencheh and A. Mohamadghasemi

A fuzzy AHP-DEA approach for multiple criteria ABC inventory classification

Journal: Expert Systems with Applications (IF = 6.954). 2011;38(4):3346-3352

Authors: A. Hadi-Vencheh and A. Mohammadghasemi

A new approach for solving fuzzy critical path problem using analysis of events

Journal: Expert Systems with Applications (IF = 6.954). 2011;38(1):87-93

Authors: A. Zareei, F. Zaerpour, M. Bagherpour, A. Noora and A. Hadi -Vencheh

A new nonlinear model for multiple criteria supplier selection problem

Journal: International Journal of Computer Integrated Manufacturing (IF = 3.205). 2011;24(1):32-39

Authors: A. Hadi-Vencheh

An application of IDEA to wheat farming efficiency

Journal: Agricultural Economics (IF = 3.581). 2011; 42:487-493
Authors: A. Hadi-Vencheh and R. Kazemi Matin

An integrated synthetic value of fuzzy judgments and nonlinear programming methodology for ranking the facility layout patterns

Journal: Computers & Industrial Engineering (IF =5.431). 2012; 62 (1):342-348
Authors: A. Hadi-Vencheh, A. Mohamadghasemi

Seclusion-factor method to solve fuzzy-multiple criteria decision-making problems

Journal: IEEE Transactions on Fuzzy Systems (IF =12.029). 2011;19(2):201-209
Authors: A. Hadi-Vencheh and M. Mirjaberi

The measurement of relative financial efficiency of companies in automobile accessories manufacturing industry listed in Tehran stock change using DEA and its relation with stock returns

Journal: Quarterly Financial Accounting. 2011;2(8):113-133
Authors: M. Dadkhah, A. Hadi-Vencheh, M. Tavassoli Kajani and M. Alimoradi

An integrated group decision making model and its evaluation by DEA for automobile industry

Journal: Expert Systems with Applications (IF =6.954). 2010;37(12):8543-8556
Authors: A. Yousefi and A. Hadi-Vencheh

On the relation between a fuzzy number and its centroid

Journal: Computers & Mathematics with Applications (IF =3.476). 2010;59(11):3578-3582
Authors: A. Hadi-Vencheh and M. Allame

An improvement to multiple criteria ABC inventory classification

Journal: European Journal of Operational Research (IF =5.334). 2010; 201:962-965
Authors: A. Hadi-Vencheh

A weighted nonlinear optimisation model for facility layout design

Journal: Journal of Applied Mathematics. 2010;6(23):51-60
Authors: A. Hadi-Vencheh and A. Mohammadghasemi

Using DEA to compute most favourable and least favourable sets of weights in ABC inventory classification

Journal: International Journal of Industrial Mathematics. 2010; 2:329-337
Authors: A. Hadi-Vencheh and J. Alikhani-Koopaei

Using MCDM techniques for managers selecting in Meli Bank

Journal: Industrial Management Journal. 2010;5(13):136-151
Authors: M. Baladi, A. Moshabbaki and A. Hadi-Vencheh

Viewpoints on three new models for preference voting and aggregation

Journal: Journal of the Operational Research Society (IF =2.860). 2009;60(2):1036-1038
Authors: A. Hadi-Vencheh and M.N. Mokhtarian

Erratum to “A hybrid MCDM model for strategic vendor selection”

Journal: Mathematical and Computer Modelling (Elsevier, Publication stopped since 2014). 2009;50(7):1252-1252

Authors: **A. Hadi-Vencheh** and M.N. Mokhtarian

A DEA model for resource allocation

Journal: Economic Modelling (IF =3.127). 2008;25(5):983-993

Authors: **A. Hadi-Vencheh**, A.A. Foroughi and M. Soleimani-damaneh

Comment on “Inputs/Outputs estimation in DEA when some factors are undesirable”: [Applied Mathematics and Computation 156 (2004) 19-32]

Journal: Applied Mathematics and Computation (IF =4.091). 2008;202(12):893-894

Authors: **A. Hadi-Vencheh**

Inefficiency evaluation with an additive DEA model under imprecise data: An application on IAU departments.

Journal: Journal of Operations Research Society of Japan (Scopus). 2007;50(3)

Authors: R. Kazemi Matin, G.R. Jahanshahloo and **A. Hadi- Vencheh**

A generalized DEA model for inputs/outputs estimation

Journal: Mathematical and Computer Modelling (Elsevier, Publication stopped since 2014). 2006; 43:447-457

Authors: **A. Hadi-Vencheh** and A.A. Foroughi

An iterative method for solving dual fuzzy nonlinear equations

Journal: Applied Mathematics and Computation (IF =4.091). 2005;167(1)-323

Authors: M. Tavassoli Kajani, B. Asady, and **A. Hadi-Vencheh**

Undesirable factors in efficiency measurement

Journal: Applied Mathematics and Computation (IF =4.091). 2005; 163:547-552

Authors: A. Hadi-Vencheh, R. Kazemi Matin and M. Tavassoli Kajani

On FDH efficiency analysis with interval data

Journal: Applied Mathematics and Computation (IF =4.091). 2004;159(1)

Authors: G.R. Jahanshahloo, R. Kazemi Matin and **A. Hadi-Vencheh**

On returns to scale of fully efficient DMUs in data envelopment analysis under interval data

Journal: Applied Mathematics and Computation (IF =4.091). 2004;154(1):31-40

Authors: G. R. Jahanshahloo, R. Kazemi Matin and **A. Hadi-Vencheh**

Inputs/outputs estimation in DEA when some factors are undesirable

Journal: Applied Mathematics and Computation (IF =4.091). 2004;156(1):19-32

Authors: G. R. Jahanshahloo, **A. Hadi-Vencheh**, A. A. Foroughi and R. Kazemi Matin

C) BOOKS

Inverse data envelopment analysis, LAP LAMBERT Academic Publishing. 2014

Fuzzy Analytical hierarchy process: State of the art, Springer, Ongoing

UNIVERSITY SERVICE

January 16, 2009 – January 20, 2013: Vice president of research, Mobarakeh Branch, IAU, Mobarakeh, Iran

January 21, 2013 - November 21, 2014: Vice president of education and graduate studies, Mobarakeh Branch, IAU, Mobarakeh, Iran

November 22, 2014 - December 15, 2018: President of Mobarakeh Branch, IAU, Mobarakeh, Iran

June 5, 2016 - Present: External assessor for appointment to the post of Associate Professor/Professor in Universiti Malaysia Terengganu

June 19, 2021- Present: Member of the committee for the prevention and investigation of scientific violations, IAU, Isfahan Branch

September 19, 2021- Present: Internal assessor for appointment to the post of Associate Professor/Professor, IAU, Isfahan Branch

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Operations Management, International Journal of Islamic and Middle Eastern Finance and Management, International Journal of Inventory Research, International Journal of Management Science and Engineering Management, Complexity, Human and Ecological Risk Assessment: An International Journal, Socio Economic Planning Sciences, Journal of Operational Research And Its Applications, International Journal of Industrial Mathematics

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| 2021 | Recognized as the world's top 2% scientists |
| 2021 | Recognized as top researcher by Iranian Data Envelopment Analysis Society |
| 2020 | Recognized as the world's top 2% scientists |
| 2020 | Recognized as top researcher of IAU, Isfahan (Khorasgan) Branch |
| 2018 | Recognized as distinguished professor of IAU, Isfahan (Khorasgan) BRANCH |
| 2018 | Recognized as top researcher of IAU, Isfahan (Khorasgan) Branch. |
| 2014 | Recognized as distinguished professor of IAU, Isfahan (Khorasgan) BRANCH |
| 2014 | Recognized as top researcher of IAU, Isfahan (Khorasgan) Branch. |
| 2013 | Recognized as one of the best researchers in Isfahan province. |
| 2013 | Recognized as top researcher of the IAU, Khorasgan Branch. |
| 2012 | Recognized as one of the best researchers in Isfahan province. |
| 2012 | Recognized as top researcher of the IAU, Khorasgan Branch. |
| 2011 | Recognized as top researcher of the IAU, Khorasgan Branch. |
| 2010 | Recognized as top researcher of the Islamic Azad University, Khorasgan Branch. |
| 2009 | Recognized as one of the best researchers in Isfahan province. |

- 2008 Recognized as best researcher in Khorasgan Azad University.
- 2000 Recognized as top student among M. Sc students of operational research in Kharazmi, 1997-2000.
- 1997 Recognized as Top Student Among B. Sc Students of Applied Mathematics in Razi University, 1993-1997.

RESEARCH INTERESTS

Productivity analysis, Efficiency measurement

Data envelopment analysis

Mathematical optimization, Fuzzy optimization

Mathematical problems in engineering, Supply chain management

Multiple criteria decision making, Fuzzy decision making

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