

## CURRICULUM VITAE

### PERSONAL DETAILS

**SURNAME:** Sadinejad (Sadi- Nezhad)

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**Date of BIRTH:** 8 Jun 1964

**PLACE OF BIRTH:** TEHRAN – IRAN

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### EDUCATION:

- B.S** Degree on Industrial Engineering- Industrial production – SEP 1987  
University of Science & Technology, TEHRAN- IRAN
- M.S** Degree on System and Industrial Engineering- SEP 1989 University of  
Science & Technology, TEHRAN- IRAN
- Ph.D.** Degree on Industrial Engineering (Optimization and Decision making)-  
MAR 1999 Science and research branch AZAD University, TEHRAN- IRAN

### Related work Experience

#### Editorial board member:

International Journal of Industrial Engineering Computations, ISSN 1923-2934 (Online);  
ISSN 1923-2926 (Print); <http://growingscience.com>

Management Science Letters, ISSN 1923-9343 (Online) - ISSN 1923-9335 (Print);  
<http://growingscience.com/msl/msl.html>

### A) Teaching

Duration	Place (IRAN)	Course Title
1990-1996	Azad University Tehran (BS program)	1- Operation Research 1,2 2-Production Planning & Inventory Control
1996 up to now	Industrial Management Institute- Tehran (MBA and MS Program)	1-Applied Operation Research 2-Multiple Criteria Decision Making 3-Fuzzy Sets Application on Decision Making 4- Quantitative Methods for management 5- Management of Developing Plans 6- Engineering Economics and feasibility study
2000 up to now	Azad University Science and Research Branch (PhD Program for IE students)	1-Fuzzy Sets Application on Decision Making 2- Artificial Neural Network

		Seminar Title
1999-2002	Industrial Management Institute	1- Analytical Hierarchy Process (AHP) 2- System thinking 3- Decision Making models

## B) Research Article

### 1- Published and accepted Journal papers:

- Mohammad Modarres, Soheil Sadi-Nezhad; *Ranking Fuzzy Numbers by preference ratio*, Fuzzy sets and systems, Vol 118.(2001) pp 429-436
- Mohammad Modarres, Soheil Sadi-Nezhad; *Fuzzy Simple Additive Weighting Method by preference ratio*, Intelligent Automation and Soft Computing , Vol. 11 ,No. 4, pp235-244, (2005).
- E. Mehdizadeh, Soheil Sadi-Nezhad, R. T. Moghadam; *Optimization of Fuzzy Clustering Criteria: a Hybrid PSO and Fuzzy C-Means Clustering Algorithm* – Iranian Journal of Fuzzy Systems, Vol 5, No.3, (2008) pp 1-14
- Soheil Sadi-Nezhad, Pari Akhtari; *Possibilistic programming approach for Fuzzy Multidimensional Analysis of Preference in group decision making* , Applied Soft Computing , Vol 8 (2008),pp 1703-1711
- Soheil Sadi-Nezhad, Reza Ghale Assadi; *Preference ratio-based maximum operator approximation and its application in fuzzy flow shop scheduling*, Applied Soft Computing, Vol 8 (2008), pp 759-766.)
- Maryam Ehsani, Ahmad Makui, Soheil Sadi-Nezhad *A methodology for analyzing decision networks, based on information theory*, European Journal of Operational Research 202(3): 853-863 (2010)
- Soheil Sadi-Nezhad, Kaveh Khalili Damghani; *Application of a Fuzzy TOPSIS Method Base on Modified Preference Ratio and Fuzzy Distance Measurement in Assessment of Traffic Police Centers performance*; Applied Soft Computing, Volume 10, Issue 4, September 2010, Pages 1028-1039
- Mohammad Modarres, Soheil Sadi-Nezhad, Farzaneh Arabi, *Fuzzy analytical hierarchy process using preference ratio: A case study for selecting management short course in a business school*; International Journal of Industrial Engineering Computations, Volume 1, Issue 2, September 2010, 173-184.
- Soheil Sadi-Nezhad , Shima Memar Nahavandi and Jamshid Nazemi , *Periodic and continuous inventory models in the presence of fuzzy costs*, International Journal of Industrial Engineering Computations, , Volume 2, Issue 1, 2011, 167-178.

- Ludmil Mikhailov, Hossein Didekhani, Soheil Sadi-Nezhad; *Weighted Prioritization Models in the Fuzzy Analytic Hierarchy Process*- International Journal of Information Technology & Decision Making (IJITDM), ; 10, No. 4, 681-694 (2011).
- Kaveh Khalili Damghani, Soheil Sadi-Nezhad, M.B.Aryanezhad; *A modular Decision Support System for Optimum Investment in Presence of Uncertainty: Combination of Fuzzy Mathematical programming & Fuzzy Rule Based system – Expert Systems With Applications*, In Press, Available online 4 August 2010
- Etaati, L., S. Sadi-Nezhad and A. Makue, 2011. *Using fuzzy group analytical network process and ISO 9126 quality model in software selection: A case study in E-learning systems*. J. Applied Sci., 11: 96-103.
- Soheil Sadi-Nezhad , Kaveh Khalili Damghani; *A Modified TOPSIS Technique in Presence of Uncertainty and Its Application to Assessment of Transportation Systems*; International Journal of Management Science and Engineering Management, 6 (1) 1-11, 2011
- Soheil Sadi-Nezhad, Samira Borhani Darian; *Production Scheduling for Products on Different Machines with Setup Costs and Times*; International Journal of Engineering and Technology Vol.2 (6), 2010, 410-418
- Zahra Esfandiyari , Soheil Sadi-Nezhad ; *Location-Allocation model for food industrial using fuzzy criteria: A case study of dairy industry ; Management Science Letters*, Available online March, 2, 2011
- Kaveh Khalili Damghani, Soheil Sadi-Nezhad; *Application of Multi Layer Recurrent Neural Network in Chaotic Time Series Prediction: a Real Case study of Crude Oil Distillation Capacity*, International Journal of Artificial Intelligence and Soft Computing, Volume 2, Number 4, September 2011 , pp. 367-380(14)
- Leila Etaati, Soheil Sadi-Nezhad, Pantea maleki moghadam-Abyaneh; *Fuzzy Analytical Network Process: An Overview on Methods*; To be published in American Journal of Scientific Research Issue 41, 2012

## 2- Submitted Journal papers:

- Soheil Sadi-Nezhad, Kaveh Khalili Damghani, *Application of a Fuzzy Goal Programming Based on TOPSIS and Fuzzy Preference Relation in Multi-Period Project Selection Problem*; submitted paper (2010)
- Soheil Sadi-Nezhad, Kaveh Khalili Damghani, Farhad Hosseinzadeh Lotfi, *A Modular DSS Based on Fuzzy DEA and Modified Preference Ratio for Efficiency Evaluation: Case Study of Traffic Police Centers*; submitted paper (2010)

- Kaveh Khalili Damghani, Soheil Sadi-Nezhad ; *Application of an Interactive MODM Procedure based on TOPSIS Logic and Efficient  $\epsilon$ -Constraint Method in Multi-Objective Project Selection with Multi-Period Planning Horizon* ; submitted paper (2011)
- Soheil Sadi-Nezhad, Kaveh Khalili Damghani, *Application of a Decision Support System in Sustainable Fuzzy Multi-Objective Project Selection Problem with Multi-Period Planning Horizon: Integrating TOPSIS based Fuzzy Goal Programming, Fuzzy Preference Relations, and Fuzzy Rule Based System*; submitted paper (2010)
- Soheil Sadi-Nezhad, Kaveh Khalili Damghani, Farhad Hosseinzadeh Lotfi, & Reza Tavakkoli-Moghaddam; *A Hybrid Approach for Accurate-Interpretable Fuzzy Rule Base System Design to Select Sustainable Portfolio of Projects Based on Data Mining, DEA, and NSGA-II*; submitted paper (2010)
- Kaveh Khalili Damghani , Amir-Reza Abtahi1, Soheil Sadi-Nezhad , Farhad Hosseinzadeh Lotfi; *A Fuzzy Data Envelopment Analysis Model for Measuring Performance of Agility in Supply Chain: Real Case of Dairy Industry*; submitted paper (2010)
- Kaveh Khalili Damghani, Soheil Sadi-Nezhad, *Strategic Framework for Sustainable Project Portfolio Selection, Implementation and Evaluation: Structural Equations Modeling Approach*; submitted paper (2010)
- Soheil Sadi-Nezhad, Kaveh Khalili Damghani, Farhad Hosseinzadeh Lotfi, *Productivity Measurement of Police Traffic Centers Using Fuzzy DEA-Based Malmquist Productivity Index*; submitted paper (2010)
- S. Molla-Alizadeh-Zavardehi, S. Sadi Nezhad, R. Tavakkoli-Moghaddam, M. Yazdani. *Algorithms for Fuzzy Fixed Charge Solid Transportation Problem*, submitted paper (2011)

### **3- Conference papers:**

- Mohammad Modarres, Soheil Sadi-Nezhad, A new fuzzy ranking method, *third International Conference on Application of Fuzzy system and Soft computing ICAFS (1998)*, pp 209-219, Wiesbaden-Germany
- Soheil Sadi-Nezhad, Mohammad Modarres, AHP by preference ratio, *International Conference on Application of Fuzzy system and Soft computing ICAFS (2000)*, pp-96-109- Siegne-Germany

- Soheil Sadi-Nezhad, Fuzzy goal programming technique for multidimensional analysis of preference. *Fifth International Conference on Application of Fuzzy system and Soft computing ICAFS (2002)*, pp 235-239, Milan Italy
- Soheil Sadi-Nezhad, Reza Ghale Assadi, Fuzzy flow shop scheduling by preference ratio. *Fifth International Conference on Application of Fuzzy system and Soft computing ICAFS (2002)*, pp 207-218, Milan, Italy.
- Soheil Sadi-Nezhad, Hossein Didekhani 'Developing a Fuzzy Model for Supplier Selection Based on Fuzzy Rule-based Systems and Fuzzy Linear Programming-with A Real Case –*Eighth International Conference on Application of Fuzzy system and Soft computing ICAFS (2008)*, pp Helsinki Finland
- Soheil Sadi-Nezhad, Hossein Didekhani' Developing a Fuzzy ANP Model for Selecting the Suitable Dispatching Rule for Scheduling a FMS; IEEE- IEEM Conference- (2008) pp 405-409 Singapore
- Soheil Sadi-Nezhad, N Bashash; Designing a fuzzy rule-based system for selecting the proper lot-sizing technique; IEEE-IEEM conference (2009) pp 1062-1066 , Hong Kong
- Soheil Sadi-Nezhad, L. Etaati; A Fuzzy ANP Model for Evaluating E-Learning Platform ; 23rd International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems IEA-AIE Cordoba -Spain 2010 ( N. García-Pedrajas et al. (Eds.): IEA/AIE 2010, Part I, LNAI 6096, pp. 254–263, 2010.) , Springer-Verlag Berlin Heidelberg
- Farhad Hosseinzadeh Lotfi, Soheil Sadi-Nezhad, Kaveh Khalili Damghani, A Decision Support System for Project Selection in Fuzzy Environment; *Uncertainty and Robustness in Planning and Decision Making (URPDM 2010) Coimbra - Portugal*
- S. Sadi-Nezhad, K. Khalili Damghani, N. Pilevari, Application of 0-1 Fuzzy Programming in Optimum Project Selection, World Academy of Science, Engineering and Technology, April 28-30, WASET 2010- ROMA- ITALY

### C) Consulting

<b>Duration</b>	<b>Subject</b>	<b>Place (Iran)</b>
1997-1999	Design of production Planning System in Plastic Industry	Faragozineh Company (Consulting company)
1996-1997	Food Transportation Optimization	C.C.L Company (Consulting company)

2000-2001	Design of Production Planning System in Automobile Industry	Andishevaran Company (Consulting company)
2002- 2007	Production Planning & Optimization	Iran Khodro Company (Automobile manufacturer)