



Curriculum Vitae

1. Personal Details

- o Surname: **Jafarian**
- o First name: **Ahmad**
- o ORCID: <https://orcid.org/0000-0002-5156-6886>
- o Web of Science Researcher ID: **K-4896-2019**
- o Date of birth: 24 May 1974
- o Nationality: **Iranian**
- o Position: **Professor of Applied Mathematics (Fuzzy Numerical Analysis and Artificial Intelligence with Applications) at IAU Urmia Branch, Iran.**
- o 22- years teaching /research experience in Urmia Azad University
- o <https://www.scopus.com/authid/detail.uri?authorId=25031262700> H Index: 20)
- o Email Address: Jafarian5594@yahoo.com - a.jafarian@iaurmia.ac.ir
[,Ahamadjafarian@gmail.com](mailto:Ahamadjafarian@gmail.com)

2. Degree

- o 2002-2006: **Ph.D in Applied Mathematics**, Islamic Azad University /Science and Research Branch, Tehran, Iran.
- o **Thesis:** Iterative Method for solving Fuzzy Linear systems
Supervisor:
Prof. Saeid Abbasbandy
Advisor:
Prof. Esmaeil Babolian
Prof. Tofigh Allahviranloo
- 2000-2002: M.Sc. In Applied Mathematics, Ferdowsi University of Mashhad, Mashhad, Iran.
- **Dissertation:** Sparse approximate inverse prediction for large sparse symmetric and nonsymmetric systems
Supervisor: DR. Faezeh Toutounian

3. Language skills

- **English:** Excellent
- **Turkish:** Medium
- **Persian:** Native
- **Azari:** Native

4. Current employment

- Start and end date of employment relationship: **2002-2023**
- Current job title: **University faculty member**
- Employer and place of work: **Islamic Azad University, Urmia Branch, Iran**

5. Teaching Experience

- **2002-2006: Lecturer of Mathematics** (Islamic Azad University, Urmia Branch)

2006-2016: Assistant Professor of Applied Mathematics (Islamic Azad University, Urmia Branch)

2016-2024: Associate Professor of Applied Mathematics (Islamic Azad University, Karaj Branch)

2024-to date: Professor of Applied Mathematics (Islamic Azad University, Urmia Branch)

6. Research output.

- Total number of publications in Web of Science: **60**
- Total number of publications in Scopus: **41**
- The ten most important publications:

Extended artificial neural networks approach for solving two-dimensional fractional-order Volterra-type integro-differential equations. R Saneifard, A Jafarian, N Ghalami, SM Nia. Information Sciences 612, 887-897.

An application of artificial neural networks for solving fractional higher-order linear integro-differential equations

T Allahviranloo, A Jafarian, R Saneifard, N Ghalami, S Measoomy Nia, *Boundary Value Problems* 2023 (1), 74.

Improved chaotic binary grey wolf optimization algorithm for workflow scheduling in green cloud computing

A Mohammadzadeh, M Masdari, FS Gharehchopogh, A Jafarian, *Evolutionary Intelligence* 14, 1997-2025.

Virtual machine placement in cloud data centers using a hybrid multi-verse optimization algorithm, S Gharehpasha, M Masdari, A Jafarian, *Artificial Intelligence Review* 54 (3), 2221-2257.

Corrigendum to “A fuzzy multi criteria approach for measuring sustainability performance of a supplier based on triple bottom line approach” [*J. Clean. Prod.* 47 (2013) 345–354], K Govindan, R Khodaverdi, A Jafarian, *Journal of Cleaner Production* 278, 123672.

Hybrid PSOS Algorithm for Continuous Optimization, A Jafarian, B Farnad, *International Journal of Industrial Mathematics* 11 (2), 143-156.

On the solving fractional Volterra-type differential equations by using artificial neural networks approach A Jafarian, F Rostami, AK Golmankhaneh, *Progr Fract Differ Appl* 5 (3), 233-242.

On artificial neural networks approach with new cost functions, A Jafarian, SM Nia, AK Golmankhaneh, D Baleanu

Applied Mathematics and Computation 339, 546-555.

A new nature-inspired hybrid algorithm with a penalty method to solve constrained problem, B Farnad, A Jafarian, *International Journal of Computational Methods* 15 (08), 1850069.

A new hybrid algorithm for continuous optimization problem B Farnad, A Jafarian, D Baleanu, *Applied Mathematical Modelling* 55, 652-673.

7. Implemented Applied Research Project

- Breast cancer diagnosis using expert systems, financially supported with Grant of Omid hospital, West Azerbaijan.
- Modeling Antibacterial activity of nanoparticles using neural networks, with Grant of Nano Pajoh-Meher Company.

8. List of Publications

-----2024

A Hybrid Multi-population Optimization Algorithm for Global Optimization and Its Application on Stock Market Prediction, A Alizadeh, FS Gharehchopogh, M Masdari, A Jafarian, Computational Economics, 1-46

An improved hybrid salp swarm optimization and African vulture optimization algorithm for global optimization problems and its applications in stock market prediction, A Alizadeh, FS Gharehchopogh, M Masdari, A Jafarian, Soft Computing 28 (6), 5225-5261

----2023

Extended Aartificial Neural Networks Approach and Fractional Volterra Integro-Differential Equations. A Jafarian, R Saneifard, International Journal of Industrial Mathematics 15 (3)

An application of artificial neural networks for solving fractional higher-order linear integro-differential equations, T Allahviranloo, A Jafarian, R Saneifard, N Ghalami, S Measoomy Nia, Boundary Value Problems 2023 (1), 74

مدلسازی تصفیه پساب های صنعتی بر پایه شبکه عصبی مصنوعی و مدل آماری رگرسیون لجستیک
S Saneifard, F Ghanbary, A Jafarian, Journal of New Researches in Mathematics

On the Solution of Volterra-Fredholm Integro-Differential Equation by Using New Iterative Method
A Jafarian, International Journal of Industrial Mathematics 15 (1), 21-26

-----2022

Credit rating of companies admitted to Tehran Stock Exchange S Porvali Alyar, S Jabarzadeh, J Bahri Sales, A Jafarian Budget and Finance Strategic Research 3 (2), 33-60.

Extended artificial neural networks approach for solving two-dimensional fractional-order Volterra-type integro-differential equations R Saneifard, A Jafarian, N Ghalami, SM Nia Information Sciences 612, 887-897

Journal of Research in Budget and Finance SP Alyar, S Jabarzadeh, JB Sales, A Jafarian Exchange 3, 10

On solving fractional higher-order equations via artificial neural networks A Jafarian, R Rezaei, A Khalili Golmankhaneh, Iranian Journal of Science and Technology, Transactions A: Science 46 (2 ...

Modeling the quality of water and wastewater treatment using neural networks and hybrid neural networks

A Jafarian, F Ghanbary, R Saneeifard, Journal of New Researches in Mathematics 7 (34), 51-62
---2021

Improved chaotic binary grey wolf optimization algorithm for workflow scheduling in green cloud computing A Mohammadzadeh, M Masdari, FS Gharehchopogh, A Jafarian, Evolutionary Intelligence 14, 1997-2025.

A hybrid multi-objective metaheuristic optimization algorithm for scientific workflow scheduling A Mohammadzadeh, M Masdari, FS Gharehchopogh, A Jafarian, Cluster Computing 24, 1479-1503

Power efficient virtual machine placement in cloud data centers with a discrete and chaotic hybrid optimization algorithm, S Gharehpasha, M Masdari, A Jafarian, Cluster Computing 24 (2), 1293-1315

Virtual machine placement in cloud data centers using a hybrid multi-verse optimization algorithm S Gharehpasha, M Masdari, A Jafarian, Artificial Intelligence Review 54 (3), 2221-2257

-----2020

An optimal vm placement in cloud data centers based on discrete chaotic whale optimization algorithm M Masdari, S Gharehpasha, A Jafarian, Journal of Advances in Computer Engineering and Technology 6 (4), 201-212.

An improved grey wolf's optimization algorithm for workflow scheduling in cloud computing environment A Mohammadzadeh, M Masdari, F Soleimani Gharehchopogh, Journal of Soft Computing and Information Technology 8 (4), 17-29.

----2019

The placement of virtual machines under optimal conditions in cloud datacenter S Gharehpasha, M Masdari, A Jafarian, Information Technology and Control 48 (4), 545-556

Hybrid PSOS Algorithm For Continuous Optimization, A Jafarian, B Farnad, International Journal of Industrial Mathematics 11 (2), 143-156

On the solving fractional Volterra-type differential equations by using artificial neural networks approach A Jafarian, F Rostami, AK Golmankhaneh, Progr Fract Differ Appl 5 (3), 233-242

A new computational method for solving fully fuzzy nonlinear matrix equations, A Jafarian, R Jafari
International Journal of Fuzzy Computation and Modelling 2 (4), 275-285

A modified and enhanced ant colony optimization algorithm for traveling salesman problem

L Eskandari, A Jafarian, P Rahimloo, D Baleanu, Mathematical Methods in Engineering: Theoretical Aspects,
257-265

---2018

On artificial neural networks approach with new cost functions, A Jafarian, SM Nia, AK Golmankhaneh, D
Baleanu, Applied Mathematics and Computation 339, 546-555

A new nature-inspired hybrid algorithm with a penalty method to solve constrained problem
B Farnad, A Jafarian, International Journal of Computational Methods 15 (08), 1850069

Removal notice to Sedimentary facies, sequence stratigraphy and diagenesis of mixed fluvial siliciclastic-marine
carbonate deposits of the Lower Miocene Razak Formation at ,H Amel, HA Wanas, A Jafarian, A Amel, S
Ghazi, MA Caja, Marine and Petroleum Geology 96, 649

Carbonate diagenesis in the Barremian-Aptian Tigran Formation (Kopet-Dagh Basin, NE Iran): petrographic,
geochemical and reservoir quality constraints, M Javanbakht, HA Wanas, A Jafarian, N Shahsavani, M
Sahraeyan, Journal of African Earth Sciences 144, 122-135

A new artificial neural network structure for solving high-order linear fractional differential equations
F Rostami, A Jafarian, International Journal of Computer Mathematics 95 (3), 528-539

A new hybrid algorithm for continuous optimization problem, B Farnad, A Jafarian, D Baleanu
Applied Mathematical Modelling 55, 652-673

A new method based on artificial neural networks for solving general nonlinear systems
H Abbasnejad, A Jafarian, International Journal of Computing Science and Mathematics 9 (3), 207-218

----2017

Application of ANNs approach for wave-like and heat-like equations A Jafarian, D Baleanu
Open Physics 15 (1), 1086-1094

A learning algorithm of fuzzy neural networks for solving a system of fuzzy equations S KARABPOUR, A
JAFARIAN BOOK OF ABSTRACTS, 84

Solving fuzzy polynomials using neural nets with a new learning algorithm

P RAHIMLOO, A JAFARIAN BOOK OF ABSTRACTS, 119

Vehicle routing problem in cross-dock using genetic algorithm, Case: Iran Khodro company.

L Olfat, M Amiri, A Jafarian Industrial Management Studies 15 (45), 97-120

A hybrid algorithm based on firefly algorithm and differential evolution for global optimization

S Sarbazfard, A Jafarian Journal of Advances in Computer Research 8 (2), 21-38

Polyaniline/wheat husk ash nanocomposite preparation and modeling its removal activity with an artificial neural network, F Ghanbary, A Jafarian, Chiang Mai J Sci 44 (2), 533-43

Artificial neural network approach for a class of fractional ordinary differential equation

A Jafarian, M Mokhtarpour, D Baleanu, Neural Computing and Applications 28, 765-773

Fractional order integro-differential equations solution by artificial neural networks approach

A Jafarian, NS Measoomy, Conference on Applied and Industrial Mathematics, 32-32

New combinative method for solving one-dimensional fractional Bratu differential equation

A Jafarian, L Kulaii, International Journal of Dynamical Systems and Differential Equations 7 (2 ...

Using ANNs approach for solving fractional order Volterra integro-differential equations

A Jafarian, F Rostami, AK Golmankhaneh, D Baleanu, International Journal of Computational Intelligence Systems 10 (1), 470-480

---2016

A novel computational approach to approximate fuzzy interpolation polynomials

A Jafarian, R Jafari, M Mohamed Al Qurashi, D Baleanu, SpringerPlus 5, 1-11

Forecasting wastewater treatment results with an ANFIS intelligent system

M Mahshidnia, A Jafarian, Engineering, Technology & Applied Science Research 6 (5), 1175-1181

A new hybrid for software cost estimation using particle swarm optimization and differential evolution algorithms, M Ahadi, A Jafarian, Informatics Engineering, an International Journal (IEIJ) 4 (1)

An application of ANNs on power series method for solving fractional Fredholm type integro-differential equations, A JAFARIAN, SM NIA, Neural, Parallel, and Scientific Computations 24, 369-380

A hybrid algorithm based on firefly algorithm and differential evolution for global optimization
S Sarbazfard, A Jafarian, International Journal of Advanced Computer Science and Applications 7 (6)

Artificial neural networks with Nelder-Mead optimization method for solving nonlinear integral equations
M Pashaie, M Sadeghi, A Jafarian, Journal of Computer Science and Application 8 (1), 1-20

A hybrid algorithm based on invasive weed optimization and particle swarm optimization for global optimization, Z Hosseini, A Jafarian, International Journal of Advanced Computer Science and Applications 7 (10)

Predicting the process of industrial wastewater treatment using a hybrid intelligent model based on artificial neural network and logistic regression statistical method, MG Effat, J Ahmad, Bulletin de la Société Royale des Sciences de Liège 85, 304-320

Prediction of diabetes by using artificial neural network, logistic regression statistical model and combination of them, P Rahimloo, A Jafarian, Bulletin de la Société Royale des Sciences de Liège 85, 1148-1164

A new artificial neural networks approach for diagnosing diabetes disease type II
Z Soltani, A Jafarian, International Journal of Advanced Computer Science and Applications 7 (6)

Rbf neural networks based on bfgs optimization method for solving integral equations
M Sadeghi, M Pashaie, A Jafarian, Adv. Appl. Math. Biosci 7 (1), 1-22

New decomposition method for solving dual fully fuzzy linear systems
A Jafarian, International Journal of Fuzzy Computation and Modelling 2 (1), 76-85

A New Artificial Intelligence Method for Prediction of Diabetes Type 2
K Samira, J Ahmad, Bull la Soc R des Sci Liege 85, 376-91

Solving the first kind fuzzy integral equations using a hybrid regularization method and Bernstein polynomial
AK Moloodpour, A Jafarian, Modern Applied Science 10 (9), 22-35

Bivariate fully fuzzy interpolation problem using artificial neural networks approach
E Hosseini, A Jafarian, Journal of Intelligent & Fuzzy Systems 30 (4), 2267-2275

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Artificial neural networks approach to the bivariate interpolation problem A Jafarian, N Basiligheh
Afrika Matematika 26 (7), 1187-1197

Applications of artificial neural network technique to polypyrrole gas sensor data for environmental analysis
H Darwish, A Jafarian, D Baleanu, M Senel, S Okur, Journal of Computational and Theoretical Nanoscience 11 (11), 4392-4398

ARTIFICIAL NEURAL NETWORK METHOD FOR SOLVING FRACTIONAL FREDHOLM INTEGRAL EQUATIONS, A Jafarian, International Conference on Pure and Applied Mathematics, 117

An application of ANNs method for solving fractional fredholm equations

A Jafarian, S Measoomy Nia, International Conference on Soft Computing-MENDEL, 269-280

Solving fully fuzzy polynomials using feed-back neural networks ,A Jafarian, R Jafari, AK Golmankhaneh, D Baleanu, International Journal of Computer Mathematics 92 (4), 742-755

Artificial neural networks based modeling for solving Volterra integral equations system

A Jafarian, S Measoomy, S Abbasbandy, Applied Soft Computing 27, 391-398

Applications of Artificial Neural Network Technique to Polypyrrole Gas Sensor Data for Environmental Analysis,A Jafarian, D Baleanu²³, H Darwish, M Senel, S Okur, J. Comput. Theor. Nanosci 12, 1-7

On the convergence speed of artificial neural networks in the solving of linear systems

A Jafarian, INTERNATIONAL JOURNAL OF INDUSTRIAL MATHEMATICS 7 (1), 35-43

Hybrid Method for Software Cost Estimation Using Genetic Algorithm and Bayesian Belief Network

S Sadouni, A Jafarian, MAGNT Research Report 3 (1), 1200-1207

----2014

New artificial intelligence approach for solving fuzzy polynomial equations

A Jafarian, International Journal of Artificial Intelligence 12 (2), 57-74

NUMERICAL SOLUTION OF HAMMERSTEIN FREDHOLM INTEGRAL EQUATIONS USING HAAR WAVELETS. B Haghalian, A JafarianInternational Journal of Academic Research 6 (5)

MRBF FOR SOLVING NONLINEAR INTEGRAL EQUATIONS.

K Mani, A Jafarian,International Journal of Academic Research 6 (5)

About fuzzy Schrödinger equation

AK Golmankhaneh, A Jafarian, ICFDA'14 International Conference on Fractional Differentiation and Its ...

A new approach to software project cost estimation using a hybrid model of radial basis function neural network and genetic algorithm, M Molani, A Ghaffari, A Jafarian, Indian Journal of Science and Technology 7 (6), 838-843

About fuzzy Schrodinger equation, AK Golmankhaneh, A Jafarian

IEEE ICFDA'14 International conference on fractional differentiation and its ...

A numerical solution of the Urysohn-type Fredholm integral equations

A Jafarian, SA Measoomy, AK Golmankhaneh, D Baleanu, Rom. J. Phys 59 (7-8), 625-635

On Bernstein polynomials method to the system of Abel integral equations

A Jafarian, S Measoomy Nia, AK Golmankhaneh, D Baleanu, Abstract and Applied analysis 2014 (1), 79628

On fuzzy fractional Laplace transformation, A Jafarian, AK Golmankhaneh, D Baleanu
Advances in Mathematical Physics 2014 (1), 295432

Analytical approximate solutions of the Zakharov–Kuznetsov equations
A Jafarian, P Ghaderi, AK Golmankhaneh, D Baleanu, Rom. Rep. Phys 66 (2), 296-306

Analytical treatment of system of Abel integral equations by homotopy analysis method
A Jafarian, P Ghaderi, AK Golmankhaneh, D Baleanu, Rom. Rep. Phys 66 (3), 603-611

Homotopy analysis method for solving coupled Ramani equations
A Jafarian, P Ghaderi, AK Golmankhaneh, D Baleanu, Rom. J. Phys 59 (1-2), 26-35

Artificial neural network approach to the fuzzy Abel integral equation problem
A Jafarian, SM Nia, Journal of Intelligent & Fuzzy Systems 27 (1), 83-91

----2013

Numerical solution of linear integral equations system using the Bernstein collocation method
A Jafarian, SA Measoomy Nia, AK Golmankhaneh, D Baleanu
Advances in Difference Equations 2013, 1-15

On the Solution of Nonlinear Fuzzy Equations System by Fuzzy Neural Networks Method.
A Jafarian, SM Nia ,International Journal of Fuzzy Systems 15 (3)

Analytic solution for a nonlinear problem of magneto-thermoelasticity
A Jafarian, P Ghaderi, AK Golmankhaneh, D Baleanu, Reports on Mathematical Physics 71 (3), 399-411

On the numerical solution of Urysohn integral equation using Legendre approximation
A Jafarian, Z Esmailzadeh, Journal of Mathematical Modeling 1 (1), 76-84

Utilizing feed-back neural network approach for solving linear Fredholm integral equations system
A Jafarian, SM Nia, Applied Mathematical Modelling 37 (7), 5027-5038

Quanti FERON-TB Gold In-Tube test for diagnosis of latent tuberculosis (TB) infection in solid organ transplant candidates: a single-center study in an area endemic for TB, Z Ahmadinejad, F Azmoudeh Ardalan, M Razzaqi, S Davoudi, A Jafarian ,Transplant Infectious Disease 15 (1), 90-95

New method for solving fuzzy polynomials, A Jafarian, R Jafari, Adv. Fuzzy Math 8 (1), 25-33

New iterative approach for solving fully fuzzy polynomials
A Jafarian, R Jafari, Int. J. Fuzzy Math. Syst 3 (2), 75-83

Feedback neural network method for solving linear Volterra integral equations of the second kind
A Jafarian, SM Nia, International Journal of Mathematical Modelling and Numerical Optimisation 4 ...

On a one-dimensional nonlinear coupled system of equations in the theory of thermoelasticity

A Jafarian, P Ghaderi, AK Golmanichaneh, D Baleanu, Rom. J. Phys 58, 694-702

Using feed-back neural network method for solving linear Fredholm integral equations of the second kind

A Jafarian, NIAS MEASOOMY, JOURNAL OF HYPERSTRUCTURES 2 (1), 53-71

New iterative method for solving linear Fredholm fuzzy integral equations of the second kind

A Jafarian, NIAS MEASOOMY, INTERNATIONAL JOURNAL OF INDUSTRIAL MATHEMATICS 5 (3) 227-236

Utilizing a new feed-back fuzzy neural network for solving a system of fuzzy equations

A Jafarian, NIAS MEASOOMY, INTERNATIONAL JOURNAL OF INDUSTRIAL MATHEMATICS 5 (4) 299-307

Construction of soliton solution to the Kadomtsev-Petviashvili-II equation using homotopy analysis method

A Jafarian, P Ghaderi, AK Golmankhaneh, Rom. Rep. Phys 65 (1), 76-83

A numerical method for solving nonlinear integral equations in the Urysohn form

A Jafarian, Z Esmailzadeh, L Khoshbakhti, Applied Mathematical Sciences 7 (28), 1375-1385

----2012

Approximate solutions of dual fuzzy polynomials by feed-back neural networks

A Jafarian, R Jafari, Journal of Soft Computing and Applications 2012 (1), 1-16

Simulation and evaluation of fuzzy polynomials by feed-back neural networks

A Jafarian, R Jafari, 6th International Conference on Fuzzy Information and Engineering, Iran, Oct ...

An iterative method for solving fuzzy polynomials by fuzzy neural networks

A Jafarian, R Jafari, 6th International Conference on Fuzzy Information and Engineering, Iran

A Pattern for Evaluation of Performance of Units under the 5S System (A DEA Approach)

J Salehi Sadaghiyani, A Jafarian, M Shafie Nikabadi, Journal of Industrial Management Perspective 2 (1), 115-129

The Effect of Information Security Management on Organizational Processes Integration in Supply Chain

M Shafiei Nikabadi, A Jafarian, A Jalili Bolhasani, Iranian Journal of Information Processing and Management 27 (2), 560-604

The Role of Information Security Management Systems in Supply Chain Performance Improvement

MR Taghva, A Jafarian, M Shafiei Nikabadi, Iranian Journal of Information Processing and Management 27 (1), 463-482

Research Article A Numerical Scheme to Solve Fuzzy Linear Volterra Integral Equations System

A Jafarian, SM Nia, S Tavan

Solving linear Fredholm fuzzy integral equations system by Taylor expansion method
A Jafarian, SM Nia, S Tavan, M Banifazel, Applied Mathematical Sciences 6 (83), 4103-4117

A numerical scheme to solve fuzzy linear volterra integral equations system
A Jafarian, S Measoomy Nia, S Tavan, Journal of Applied Mathematics 2012 (1), 216923

Application of Taylor expansion method for the Volterra fuzzy integral equations system
A Jafarian, SM Nia, Acta Universitatis Matthiae Belii 20, 21-34

Solving fuzzy equations using neural nets with a new learning algorithm
A Jafarian, NIAS MEASOOMY, R Jafari, JOURNAL OF ADVANCES IN COMPUTER RESEARCH 3 (4), 33-45

----2011

The Impact of Organizational Process Integration and Logistics Lean on Business Performance
M Shafie Nikabadi, A Jafarian, A Jalili, Journal of Industrial Management Perspective 1 (3, Autumn 2011), 67-74

The role of information security management in decreasing the orderliness of orders in the supply chains
L Olfat, A Jafarian, A Hasanzadeh, Journal of Industrial Management Perspective 1 (2), 9-25

Solving fuzzy polynomials using neural nets with a new learning algorithm
A Jafarian, S Measoomynia, Appl. Math. Sci 5, 2295-2301

----2009

Fixed point method for solving fuzzy nonlinear equations
S Abbasbandi, A JAFARIAN, JOURNAL OF SCIENCES (ISLAMIC AZAD UNIVERSITY) 18 (702), 36-41

----2008

Steepest descent method for system of fuzzy linear equations, S Abbasbandy, A Jafarian
Applied Mathematics and Computation 175 (1), 823-833

Steepest descent method for solving fuzzy nonlinear equations, S Abbasbandy, A Jafarian
Applied Mathematics and Computation 174 (1), 669-675

9- Book

Mathematical Methods in Engineering: Theoretical Aspects, L. Eskandari, A. Jafarian, P. Rahimloo, D. Baleanu
(Springer)

Artificial neural networks and solving non-linear equations, A. Jafarian, 2023, Islamic Azad University, Urmia Branch

10- Research supervision and leadership experience

- M. Sc.:
Supervisor: More than 30
- Ph.D.:
Supervisor: 5

11- Teaching merits

- Teaching all applied mathematics courses and computer Sciences in all bachelor's, master's and doctorate levels

12- Awards and honors

- 2012: Top Researcher in Islamic Azad University, Urmia Branch.
- 2024: Top Researcher in Islamic Azad University, Urmia Branch.

13- Other key academic merits

- Editorial Board Members:
1- 2012-to date: Associate Editor: Mathematical Sciences (ISI, Q1) (Springer).
2- 2012-to date: Editorial Board: Applied Mathematics (SAP)
3- 2016 - to date: Associate Editorial: International Journal of Industrial Mathematics

14- Reviewer in Journals

- 1- Fuzzy Sets and Systems
- 2- Information Sciences
- 3- Journal of Computational and Applied Mathematics
- 4- Applied and Computational Mathematics
- 5- Computational and Applied Mathematics
- 6- Expert systems with Applications
- 7- Mathematical Sciences

- 8- Soft Computing
- 9- Journal of Intelligent and Fuzzy Systems
- 10- Transactions on Fuzzy Systems
- 11- Neural Computing & Applications
- 12- The Arabian Journal for Science and Engineering
- 13- Iranian Journal of Fuzzy Systems

15- Other Experiences

- 1- Dean of the Faculty of Sciences (Islamic Azad University, Urmia Branch), 2007-2016
- 2- Vice President of Research and Technology (Islamic Azad University, Urmia Branch), 2016-2018 and 2023
- 3- Dean of the Faculty of Management and Accounting (Islamic Azad University, Urmia Branch), 2020-2022