# Curriculum Vitae

## 1. Personal Details


- Surname**: Ezzati**
- First name: **Reza**
- ORCID: **https://orcid.org/0000-0002-3162-6212**
- Web of Science ResearcherID: **K-4896-2019**
- Date of birth: 24 May 1974
- Nationality: **Iran**
- **Position: Professor of Applied Mathematics (Fuzzy Numerical Analysis) at IAU Karaj Branch, Iran**
- **23- years teaching /research experience in Karaj Islamic Azad University**
- **https://www.scopus.com/authid/detail.uri?authorId=11838767100 (H Index: 23)**
- **https://www.researchgate.net/profile/Reza-Ezzati-2**
- **Email Address**: ezati@kiau.ac.ir
  reza_ezati@yahoo.com
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## 2. Degrees

- 2002-2006: **Ph.D i**n **Applied Mathematics**, Islamic Azad University /Science and Research Branch, Tehran, Iran.

- **Thesis:** Numerical Solution of Fuzzy systems
  **Supervisor:**
  **Prof. Saeid Abbasbandy**
  **Advisor**
  **Prof. Esmaeil Babolian**
  **Prof. Tofigh Allahviranloo**

- 1997-1999: M.Sc. In Applied Mathematics, University of Tarbiat Modarres, Tehran, Iran.
- **Dissertation:**
  Investigation of BVP including a composite PDE with nonlocal and global boundary condition on a bounded domain in plane
- Supervisor
  Dr. Nihan Aliev

- 1992-1997: B.Sc. In **Mathematics**, University of Shahid Madani, Tabriz, Iran.

## 3. Language skills

- English: **Excellent**
- Turkis: **Excellent**
- 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, Karaj Branch, Iran**

## 5. Teaching Experience

- **2002-2006: Lecturer of Mathematics** (Islamic Azad University, Karaj Branch)
- **2006-2011: Assistant Professor** of Applied Mathematics (Islamic Azad University, Karaj Branch)
- **2011-2015: Associate Professor** of Applied Mathematics (Islamic Azad University, Karaj Branch)
- **2015-to date: Professor** of Applied Mathematics (Islamic Azad University, Karaj Branch)

## 6. Research output

- Total number of publications in Web Of Science: **107**
- Total number of publications in Scopus: **134**
- The ten most important publications:

1- Operational matrix method for solving fractional weakly singular 2D partial Volterra integral equations, Isa Zamanpourm Reza Ezzati, **Journal of Computational and Applied Mathematics**, (2023) , https://doi.org/10.1016/j.cam.2022.114704

2- Application of fuzzy finite difference scheme for the non-homogeneous fuzzy heat equation, Samaneh Zabihi, Reza Ezzati, F Fattahzadeh, J Rashidinia, **Soft Computing**, (2022) , https://doi.org/10.1007/s00500-021-06670-9

3- Existence and uniqueness of solution for fuzzy integral equations of product type, V Samadpour Khalifeh Mahaleh, R Ezzati, **Soft Computing**, 1-9 (2021), https://doi.org/10.1007/s00500-021-06100-w

4- Application of Simpson quadrature rule and iterative method for solving nonlinear fuzzy delay integral equations, H. Nouriani, R. Ezzati, **Fuzzy Sets and Systems**, 2020, https://doi.org/10.1016/j.fss.2020.01.007

5- Application of Petryshyn's fixed point theorem to solvability for functional integral equations, A Deep, D Deepmala, R Ezzati, **Applied Mathematics and Computation** 395, 125-878(2021), https://doi.org/10.1016/j.amc.2020.125878

6- Using Bernstein multi-scaling polynomials to obtain numerical solution of Volterra integral equations system, Yaghoobnia, A.R., Ezzati, R., **Computational and Applied Mathematics**, 2020, https://doi.org/10.1007/s40314-020-01198-4

7- C3-spline for solution of second order fractional integro-differential equations, S Mohammadizadeh, J Rashidinia, R Ezzati, M Khumalo, **Alexandria Engineering Journal** 59 (5), 3635-3641 (2020), https://doi.org/10.1016/j.aej.2020.07.011

8- Numerical solutions of system of two-dimensional Volterra integral equations via Legendre wavelets and convergence, Karimi, Maleknejad, Ezzati, **Applied Numerical Mathematics**, 2020, https://doi.org/10.1016/j.apnum.2020.05.003

9- On numerical solution of two-dimensional nonlinear Urysohn fuzzy integral equations based on fuzzy Haar wavelets, R. Ezzat, m. Sadatrasiul**, Fuzzy Sets and Systems**, 2019, https://doi.org/10.1016/j.fss.2016.08.005

10- Linear fractional multi-objective optimization problems subject to fuzzy relational equations with a continuous Archimedean triangular norm, E. Khorram, R. Ezzati, Z. valizadeh, **Information Sciences**, 2014, https://doi.org/10.1016/j.ins.2013.12.018

## 7. List of Publications:

## -----2024

- Fuzzy time-fractional advection-dispersion and Navier-Stokes equations: A comprehensive approach, H Hashemi, R Ezzati, NM Mikaeilvand, M Nazari, Iranian Journal of Fuzzy Systems 21 (5), 105-119
- Application of Touchard wavelet to simulate numerical solutions to fractional pantograph differential equations, M Safavi, A Khajehnasiri, R Ezzati, S Rezabeyk, Journal of Applied Analysis 30 (1), 103-116
- Fuzzy fractional calculus: A comprehensive overview with a focus on weighted Caputo-type generalized Hukuhara differentiability and analytical solutions for fuzzy fractional , R Ezzati, S Zabihi, Iranian Journal of Fuzzy Systems 21 (2), 19-34

- A new operational matrix method to solve nonlinear fractional differential equations, M Hedayati, R Ezzati, Nonlinear Engineering 13 (1), 20220364
- C3-spline Methods for Solving Fractional Integro-differential Equations, S Mohammadizadeh, J Rashidinia, R Ezzati, Mathematics and Computational Sciences 5 (1), 30-42
- Successive approximation method to solve nonlinear fuzzy Fredholm integral equations using NC rules, Hamid Mottaghi Golshan, Reza Ezzati, Soft Computing
- A New Approach for Solving Nonlinear 3D-Volterra Fuzzy Integral Equations, H Mottaghi Golshan, K Fathi Vajargah, R Ezzati, Sahand Communications in Mathematical Analysis 21 (4), 191-208
- A combined efficient method for approximate two-dimensional integral equations, M Fallahpour, R Ezzati, E Hashemizadeh, Journal of Discrete Mathematics and Its Applications 9 (4), 269-287
- Approximation of stochastic delay differential equations based on Haar functions, SN Kiaee, M Khodabin, R Ezzati, Journal of Statistical Modelling: Theory and Applications 5 (1), 33-52

## ----2023

- Study on fuzzy fractional European option pricing model with Mittag-Leffler kernel, H Hashemi, R Ezzati, N Mikaeilvand, M Nazari, Journal of Intelligent & Fuzzy Systems, 1-16
- Numerical solutions of the fuzzy wave equation based on the fuzzy difference method
- Zabihi, S., Ezzati, R., Fattahzadeh, F., Rashidinia, J. Fuzzy Sets and Systems , 2023, 465, 108537
- Operational matrix method for solving fractional weakly singular 2D partial Volterra integral equations, Isa Zamanpourm Reza Ezzati, Journal of Computational and Applied Mathematics, (2023) (ISI)
- On the solvability of non-linear fractional integral equations of product type Kazemi, M., Ezzati, R., Deep, A. Journal of Pseudo-Differential Operators and Applications , 2023, 14(3), 39
- Application of Hybrid Bernstein Polynomials and Block-Pulse Functions for Solving Nonlinear Fuzzy Fredholm Integral Equations, Baghmisheh, M., Ezzati, R. , Fuzzy Information and Engineering, 2023, 15(1), pp. 69–86
- NUMERICAL SOLUTION OF LINEAR VOLTERRA INTEGRAL EQUATIONS USING NON-UNIFORM HAAR WAVELETS, MEISAM MONTAZER, REZA EZZATI, MOHSEN FALLAHPOUR, Kragujevac Journal of Mathematics, (2023) (ISI)

## ----2022

- Hybridization of Block-Pulse and Taylor Polynomials for Approximating 2D Fractional Volterra Integral Equations, Davood Jabari Sabegh, Reza Ezzati, Omid Nikan, António M Lopes, Alexandra MSF Galhano, Fractal and Fractional,(2022), (ISI)

- Boubaker polynomials and their applications for solving fractional two-dimensional nonlinear partial integro-differential Volterra integral equations, R. Ezzati, A.A. Khajehnasiri, Computational and Applied Mathematics,(2022), (ISI)
- A New Approach to Approximate Solutions of Single Time-Delayed Stochastic Integral Equations via Orthogonal Functions, Kiaee, S.N., Khodabin, M., Ezzati, R., Lopes, A.M. Symmetry 14(10), 2085, 2022 (ISI)
- Application of fuzzy finite difference scheme for the non-homogeneous fuzzy heat equation, Samaneh Zabihi, Reza Ezzati, F Fattahzadeh, J Rashidinia, Soft Computing, (2022) (ISI)
- Approximate solution of nonlinear fuzzy Fredholm integral equations using bivariate Bernstein polynomials with error estimation, Sima Karamseraji, Shokrollah Ziari, Reza Ezzati, AIMS Mathematics (2022) (ISI)
- Numerical Solution of Some Singular Volterra Fuzzy Integral Equations of the First Kind by Fuzzy Generalized Quadrature Formula, V Samadpour Khalifeh Mahaleh, R Ezzati, S Ziari, Advances in Fuzzy Integral and Differential Equations, 197-207 (2022)

- Successive Approximations Method for Fuzzy Fredholm-Volterra Integral equations of the Second Kind, S Ziari, AM Bica, R Ezzati, Advances in Fuzzy Integral and Differential Equations, 209-228 (2022)
- A numerical approach for solving a class of nonlinear fractional integro-differential equation with weakly Singular kernel by alternative legendary polynomials, R. Ezzati, M. Ebadi, International Journal of Nonlinear Analysis and Applications, (2022), (ISI)
- A New Computational Method Based on Bernstein Operational Matrices for Solving Two-Dimensional Linear Stochastic Volterra Integral Equations, Fallahpour, M., Khodabin, M., Ezzati, Differential Equations and Dynamical Systems30(4), pp. 873–884m , 2022 (Scopus)
- Solvability of the fuzzy integral equations due to road traffic flow, Mahaleh, V.S.K., Ezzati, R. , Journal of Mathematical Modeling, 2022, 10(4), pp. 403–415
-

## ----2021

- Numerical solution of two-dimensional nonlinear fuzzy delay integral equations via iterative method and trapezoidal quadrature rule, H. Nouriani, R. Ezzati, Mashhadi, Granular Computing 6 (4), 829-851 (2021)(Scopus)
- Numerical solution of stochastic Itˆo-Volterra integral equations based on Bernstein multi-scaling polynomials, AR Yaghoobnia, M Khodabin, R Ezzati, Applied Mathematics-A Journal of Chinese Universities 36 (3), 317-329(2021)(ISI)
- Existence and uniqueness of solution for fuzzy integral equations of product type, V Samadpour Khalifeh Mahaleh, R Ezzati, Soft Computing, 1-9 (2021)
- A new method for solving three-dimensional nonlinear Fredholm integral

equations by Haar wavelet, M Kazemi, V Torkashvand, R Ezzati, International Journal of Nonlinear Analysis and Applications 12 (2), 115-133(2021)

- New Procedures of a Fractional Order Model of Novel Coronavirus (COVID-19) Outbreak via Wavelets Method, M Hedayati, R Ezzati, S Noeiaghdam, Axioms 10 (2), 122(2021)
- Solving Fractional Two-Dimensional Nonlinear Partial Volterra Integral Equation by Using Bernoulli Wavelet, AA Khajehnasiri, R Ezzati, MA Kermani, Iranian Journal of Science and Technology, Transactions A: Science 45 (2021)
- Solving systems of fractional two-dimensional nonlinear partial Volterra integral equations by using Haar wavelets, AA Khajehnasiri, R Ezzati, MA Kermani, Journal of Applied Analysis (2021)
- A new operational matrix of derivative for hybrid third kind Chebyshev polynomials and Block-pulse functions and its applications in solving second-order differential equations, R Jafari, R Ezzati, K Maleknejad, Tbilisi Mathematical Journal 14 (1), 163-179(2021)
- On the efficient of adaptive methods to solve nonlinear equations, V Torkashvand, R Ezzati, International Journal of Nonlinear Analysis and Applications 12 (1), 301-316(2021)
- ON A METHOD BASED ON BERNSTEIN OPERATORS FOR 2D NONLINEAR FREDHOLM-HAMMERSTEIN INTEGRAL EQUATIONS, M Kazemi, V Torkashvand, R Ezzati, UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED (2021)
- The Fuzzy Double Laplace Transforms and their Properties with Applications to Fuzzy Wave Equation, RM Shabestari, R Ezzati, New Mathematics and Natural Computation (NMNC) 17 (02), 319-338(2021)
- Application of Petryshyn's fixed point theorem to solvability for functional integral equations, A Deep, D Deepmala, R Ezzati, Applied Mathematics and Computation 395, 125-878(2021)
- FRACTIONAL ORDER OPERATIONAL MATRIX METHOD FOR SOLVING TWO-DIMENSIONAL NONLINEAR FRACTIONAL VOLTERRA INTEGRO-DIFFERENTIAL EQUATIONS, A KHAJEHNASIRI, MA KERMANI, R EZZATI, Kragujevac Journal of Mathematics 45 (4), 571-585(2021)
- A NEW METHOD TO SOLVE DUAL SYSTEMS OF FRACTIONAL INTEGRO-DIFFERENTIAL EQUATIONS BY LEGENDRE WAVELETS, R AVEHSARCHOGHA, R EZZATI, N KARAMIKABIR, FM YAGHOBBI Kragujevac Journal of Mathematics 45 (6), 951-968(2021)
- Walsh functions and their applications to solving nonlinear fractional Volterra integro-differential equation, A Khajehnasiri, R Ezzati, A Jafari Shaerlar, International Journal of Nonlinear Analysis and Applications 12 (2), 1577-1589 (2021)
- Solving systems of fractional two-dimensional nonlinear partial Volterra integral equations by using Haar wavelets, AA Khajehnasiri, R Ezzati, MA Kermani, Journal of Applied Analysis 27 (2), 239-257

## ----2020

- Iterative fuzzy Bernstein polynomials method for nonlinear fuzzy Volterra integral equations, S Ziari, AM Bica, R Ezzati, Computational and Applied Mathematics 39 (4), 1-15(2020)
- Application of Simpson quadrature rule and iterative method for solving nonlinear fuzzy delay integral equations, H. Nouriani, R. Ezzati, Fuzzy Sets and Systems, 2020 , (ISI)
- Numerical solutions of system of two-dimensional Volterra integral equations via Legendre wavelets and convergence, Karimi, Maleknejad, Ezzati, Applied Numerical Mathematics, 2020, (ISI)
- Using Bernstein multi-scaling polynomials to obtain numerical solution of Volterra integral equations system, Yaghoobnia, A.R., Ezzati, R., Computational and Applied Mathematics, 2020, (ISI)
- Fuzzy bivariate triangular functions with application to nonlinear fuzzy Fredholm–Volterra integral equations in two dimensions, S Karamseraji, R Ezzati, S Ziari
- Soft Computing, 1-13, 2020(ISI)
- Numerical solution of stochastic It^o-Volterra integral equations based on Bernstein multi-scaling polynomials, A. R. Yaghoobnia , M. Khodabin, R. Ezzati, Applied Mathematics-A Journal of Chinese Universities. 2020, (ISI)
- Applying a new method to solve linear stochastic Volterra integral equations, A. A. Cheraghi, M. Khodabin, R. Ezzati, J. Math. Computer Sci, 2020, (ISI)
- Non-uniform Haar wavelets method for solving linear stochastic Ito - Volterra integral equations, M. Montazer, M. Khodabin, R. Ezzati, M. Fallahpour, The Scientific Bulletin" University POLITEHNICA of Bucharest : Applied Mathematics and Physics, 2020 , (ISI)
- C3-spline for solution of second order fractional integro-differential equations, S Mohammadizadeh, J Rashidinia, R Ezzati, M Khumalo, Alexandria Engineering Journal 59 (5), 3635-3641 (2020)
- 
- Using Bernstein multi-scaling polynomials to obtain numerical solution of Volterra integral equations system, AR Yaghoobnia, R Ezzati, Computational and Applied Mathematics 39, 1-13(2020)
- Solving binary systems of fractional integro-differential equations by Taylor wavelets, R Kavehsarchogha, R Ezzati, N Karamikabir, FM Yaghoobi, International Journal of Industrial Mathematics 12 (4), 357-370(2020)
- Chaos in a fractional-order financial system, AA Khajehnasiri, MA Kermani, R Ezzati
- International Journal of Mathematics in Operational Research 17 (3), 318-332(2020)
- 

## ----2019

- New error estimation based on midpoint iterative method for solving nonlinear fuzzy fredholm integral equations, Samadpoor, Ezzati, Filomat, 2019, (ISI)

- Numerical solution of linear stochastic Volterra integral equations via new basis functions, A. A. Cheraghi, M. Khodabin, R. Ezzati, Filomat, 2019, (ISI)
- New approach to solve two-dimensional Fredholm integral equations, M Kazemi, HM Golshan, R Ezzati, M Sadatrasoul, Journal of Computational and Applied Mathematics, 2019(ISI)
- Numerical solution of two-dimensional nonlinear fuzzy Fredholm integral equations
- via quadrature iterative method, R. Ezzati, Mashhadi, Allahviranloo, Journal of Intelligent and Fuzzy Systems, 2019 (ISI)
- New error estimation based on midpoint iterative method for solving nonlinear fuzzy Fredholm integral equations, Samadpour, Ezzati , 2019, (ISI)
- Numerical solution of Stochastic integral equations, Cheraghi, Khodabin, Ezzati, Filomat , 2019 (ISI)
- A New Computational Method Based on Bernstein Operational Matrices for Solving Two-Dimensional Linear Stochastic Volterra Integral Equations, Fallahpour, Khodabin, Ezzati, Differential Equations and Dynamical Systems, 2019(ISI)
- A new method for the solution of Volterra-Fredholm integro-differential equations, Jafarzadeh, Ezzati, Tbilisi Mathematical Journal, 2019(ISI)
- A New Method to Solve Dual Systems of Fractional Integro- Differential Equations by Legendre Wavelets, R. Kavehsarchogha, R. Ezzati, N. Karamikabir and F. M. Yaghobbi, Kragujevac Journal of Mathematics, 2019 (ISI)
- Solving 2D fractional order integral equations by Bernstein polynomials operational matrices, Ezzati , M. Asgari, H. Jafari, Nonlinear Dynamics and Systems Theory, 2019.
- Fractional order operational matrix method for solving two-dimensional nonlinear fractional Volterra integro-differential equations, Ezzati, Khajehnasiri, Afshar, Kragujevac Journal of Mathematics, 2019 (ISI)

**-----2018**

- Numerical solution of high-order Volterra-Fredholm integro-differential equations by using Legendre collocation method, N. Rohaninasab, K. Maleknejad, R. Ezzati, Applied Mathematics and Computations, 2018 (ISI)
- Numerical Solution of Fuzzy Fractional Integro-Differential Equation via Two-Dimensional Legendre Wavelet Method, R. Ezzati, R. Mastani Shabestari, T. Allahviranloo, Journal of Intelligent and Fuzzy Systems, 2018 (ISI)
- Numerical solution of two dimensional nonlinear fuzzy Fredholm integral equations of second kind using hybrid of block-pulse functions and Bernstein polynomials, V. Samadpour, R. Ezzati, Filomat, 2018 (ISI)
- Existence of Solutions for some Nonlinear Volterra Integral Equations via Petryshyn Fixed Point Theorem; M. Kazemi, R. Ezzati, International Journal of Nonlinear Analysis and Applications, 2018 (ISI)

- Solving Fuzzy Volterra Integro-Differential Equations of Fractional Order by Bernoulli Wavelet Method, Mastani Shabestari, R. Ezzati, T. Allahviranloo, Advances in Fuzzy Systems, 2018 (ISI)
- 
- Numerical solution of two-dimensional linear fuzzy Fredholm integral equations by the fuzzy Lagrange interpolation, R. Ezzati, H. Nouriani, Advances in Fuzzy Systems, 2018 (ISI)
- 
- Solution of Lane-Emden type equation using hybrid third kind Chebyshev polynomials and Block-pulse functions operational matrix of differentiation, R. Ezzati, R. Jafari, K. Maleknejad, Journal of Mathematical Extension, 2018(ISI)
- 
- Numerical Methods for Solving Two-dimensional Integral Equations of Fractional Order by Using Operational Matrix of Two-dimensional Shifted Legendre Polynomials, Jabari Sabeg, R. Ezzati , K. Maleknejad, Nonlinear Dynamics and Systems Theory, 2018.

**-----2017**

- NUMERICAL METHODS FOR SOLVING LANE–EMDEN TYPE EQUATIONS
- BY MODIFIED GENERALIZED LAGUERRE OPERATIONAL MATRIX OF FRACTIONAL DERIVATIVES IN ASTROPHYSICS, R. Ezzati, F. Saleki, Italian journal of pure and applied mathematics, 2017 (ISI)
- Using operational matrix of two-dimensional Bernstein polynomials for solving two-dimensional integral equations of fractional order, R. Ezzati, M. Asgari, Applied Mathematics and Computations, 2017(ISI)
- Interpolation of fuzzy data by using flat end fuzzy splines, R. Ezzati, S. Abbasbandy, H. Behforooz, International Journal of Nonlinear Analysis and Applications, 2017 (ISI)
- Numerical solution of linear fuzzy Fredholm integral equations of second kind using iterative method and midpoint quadrature formula, R. Ezzati, V. Samadpour, Journal of Intelligent and Fuzzy Systems, 2017 (ISI)
- On numerical solution of two-dimensional nonlinear Urysohn fuzzy integral equations based on fuzzy Haar wavelets, R. Ezzati, S. M. Sadatrasouli, Fuzzy Sets and Systems, 2017 (ISI)
- Quadrature iterative method for numerical solution of two-dimensional linear fuzzy Fredholm integral equations, R. Ezzati, H. Nouriani, Mathematical Sciences, 2017 (ISI)
- Hybrid Rational Haar wavelet and Block pulse functions method for solving Population growth model and Abel integral equations, E Fathizadeh, R Ezzati, K Maleknejhad, Mathematical Problems in Engineering, 2017 (ISI)
- A new operational matrix for solving two-dimensional nonlinear integral equations of fractional order, D. Jabari Sabeg, R. Ezzati , K. Maleknejad, Cogent Mathematics, , 2017 (ISI)
- The construction of operational matrix of fractional integration using the fractional Chebyshev polynomials, E Fathizadeh, R Ezzati, K Maleknejhad, International Journal of Applied and Computational Mathematics, 2017

- Numerical Solution of Fredholm Integro-differential Equations By Using Hybrid Function Operational Matrix of Differentiation, R. Jafari, R. Ezzati, K. Maleknejad, International journal of Industrial Mathematics, 2017
- Numerical solution of differential equations by using hybrid of third kind Chebyshev polinomials and block-pulse functions operational matrix of integration, R. Jafari, R. Ezzati, K. maleknejad, 2018
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**--------2016**

- Shooting homotopy analysis method: A fast method to find multiple solutions of nonlinear boundary value problems arising in fluid mechanics, , L. Soltanahmadi, E. Shivanian, R. Ezzati, Engineering Computations, (2016) (ISI)
- Convection-radiation heat transfer in solar heat exchangers filled with a porous medium: Exact and shooting homotopy analysis solution, L. Soltanahmadi, E. Shivanian, R. Ezzati, Applied Thermal Engineering, (2016) (ISI)
- Application of bivariate fuzzy Bernstein polynomials to solve two-dimensional fuzzy integral equations, Soft Computing, S. M. Sadatrasoul, R. Ezzati (2016) (ISI)
- Numerical methods for solving two-dimensional nonlinear integral equations of fractional order by using two-dimensional block pulse operational, Applied Mathematics and Computations, S. Najafalizadeh, R. Ezzati (2016) (ISI)
- Numerical Solution of Two-Dimensional Nonlinear Hammerstein Fuzzy Integral Equations Based on Optimal Fuzzy Quadrature Formula, Journal of Computational and Applied Mathematics, SM. Sadatrasoul, R. Ezzati, (ISI)
- Existence of solution for some nonlinear two-dimensional Volterra integral equations via measures of noncompactness, Applied Mathematics and Computations, M. Kazemi, R. Ezzati (2016) (ISI)
- Numerical Solution of Time-Fractional Order Telegraph Equation by Bernstein Polynomials Operational Matrices, M Asgari, R Ezzati, T Allahviranloo, Mathematical Problems in Engineering, 2016 (ISI)
- NUMERICAL SOLUTION OF TWO-DIMENSIONAL NONLINEAR INTEGRAL EQUATIONS VIA QUADRATURE RULES AND ITERATIVE METHOD, M. Kazemi, R.Ezzati, Advances in Differential Equations and Control Processes, (2016) (ISI)
- NUMERICAL SOLUTION OF STOCHASTIC NONLINEAR VOLTERRA INTEGRAL EQUATIONS BY A STOCHASTIC OPERATIONAL MATRIX BASED ON HAAR WAVELETS, Farahani, M. khodabin, R. Ezzati, Advances in Differential Equations and Control Processes, (2016) (ISI)
- Analysis of global solution of functional fuzzy integral equations using Krasnoselskii-Burton fixed point theorem, Journal of Intelligence and Fuzzy Systems, S. M. Sadatrasoul, R. Ezzati, 2016 (ISI)
- Error estimation and numerical solution of nonlinear fuzzy Fredholm integral equations of the second kind using Triangular functions, Journal of Intelligence and Fuzzy Systems, M. Baghmisheh, R. Ezzati, 2015 (ISI)

- Numerical solution of two-dimensional Hammerstein fuzzy Fredholm integral equations using successive approximations method based on the fuzzy wavelet like operator, International Journal of Industrial Mathematics, N. Hassasi, R. Ezzati,(2016) (ISC)
- A new method for ranking of fuzzy numbers based on sign distance, Journal of Fuzzy Set Valued Analysis IDS-2015, S. Ziari, R. Ezzati, (2016)
- Two hybrid and non-hybrid methods for solving fuzzy integral equations based on Bernoulli polynomials, Journalof Fuzzy Set Valued Analysis IDS-2015, R. Ezzati, S. M. Sadatrasoul (2016) 1-12 ) (ISC)
- Numerical study of nonlinear singular fractional differential equations arising in biology by operational matrix of shifted Legendre polynomials, Jabbari Sabeg, R. Ezzati, Communications in Numerical Analysis, 2016
- On Optimal Quadrature Rule for Solving Fuzzy Fredholm Integral Equations
- R Ezzati, M M Sadatrasou, International Journal of Industrial Mathematics, 2016, 8 (4), 437-446

## -----2015

- A Data Envolopment Analysis based approach for target setting and resource allocation: Application in Gas Companies, A. Mottaghi, E. Ebrahimnejad, R. Ezzati, E. Khorram, 2015 (ISI)
- A numerical approach for the solution of a class of singular boundary value problems arising in physiology, Advances in Difference Equations, Mohsenyzadeh, Maleknejad, Ezzati, 2015, (ISI)
- Using collocation fuzzy wavelet like operator to approximate the solution of fuzzy Fredholm integral equation, 2015, IJST, R. Ezzati, N. Hassasi (ISI)
- Convergence, Consistency and Stability in Fuzzy Differential Equations, 2015, Iranian Journal of Fuzzy Systems, R. Ezzati, K. Maleknejad, S. Khezerloo and M. Khezerloo (ISI)
- A New Algorithm to Solve Fully Fuzzy Linear Programming Problems Using the MOLP Problem, 2015, Applied Mathematical Modelling, Authors: Reza Ezzati, Esmaeil Khorram, Ramin Enayati (ISI)
- Application af parametric form for ranking of fuzzy numbers, 2014, Iranian Journal of fuzzy systems, R. Ezzati, S. Khezerloo, S. Ziari, (ISI)
- A New Method For Solving Full Fuzzy Linear Programming Problems Based On The Fuzzy Linear Complement, International Journal of Fuzzy Systems, Mottagi, Ezzati, Khorram, 2015, (ISI)
- Numerical solution of nonlinear fuzzy Fredholm integral equations of the second kind using hybrid of block- pulse functions and Taylor series, Advances in Difference Equations, M. Baghmisheh, R. Ezzati, (ISI)
- The numerical solution of nonlinear Hammerstein fuzzy integral equations by using Fuzzy Wavelet like operator, 2015, Journal of Intelligent and Fuzzy Systems, Mokhtarnejad, Ezzati (ISI)
- Existence and uniqueness of the solution of fuzzy-valued integral equations of mixed type, Iranian Journal of fuzzy systems, R. Ezzati, F. Mokhtarnejad, 2015 (ISI)
- Applying fuzzy wavelet like operator to the numerical solution of linear fuzzy Fredholm integral equations and error analysis, International Journal of Industrial Mathematics, R. Ezzati, F. Mokhtarnejad, 2015,(ISC)

- Fuzzy linear B-Spline functions and its application to solve linear fuzzy Fredholm integral equations of the second kind, R. Ezzati, S. Ziari, 2015. I. A. U. Sciences.
- A new iterative method for solving fuzzy integral equations, , International Journal of Industrial Mathematics, R. Ezzati, S. Ziari, M. Sadatrasoul, 2015,(ISC)
- Hybrid of orthonormal Bernoulli polynomial and block-pulse functions for solving Volterra and Fredholm integral equations of the second kind, Mohsenyzadeh, Maleknejad, R. Ezzati, 2015. I. A. U. Sciences.
- Numerical solution of two-dimensional fuzzy Fredholm integral equations using collocation fuzzy wavelet like operator, International Journal of Industrial Mathematics, R. Ezzati, FN. Hassasi, 2015,(ISC)

**-----2014**

- Iterative method for numerical solution of two-dimensional nonlinear fuzzy integral equations, Fuzzy Sets and Systems, 2014, S.M.Sadatrasoul, R.Ezzati (ISI)
- Resource Allocation in Data Envelopment Analysis with Fuzzy Inputs and Fuzzy outputs, Research Report, Az. Mottaghi, R. Ezzati, E. Khorram, 2014 (ISI)
- Approximate Nonnegative Symmetric Solution of Fully Fuzzy Systems Using Median Interval Defuzzification, 2014, Fuzzy information and engineering, R. Ezzati, S. Khezerloo, N. Mahdavi-Amiri , Z. Valizadeh (ISI)
- Tension Spline method for solution of non-linear Fisher equation, Applied Mathematics and Computations, 2014, Agamohammadi, Rashidinia, Ezzati (ISI)
- Application of two-dimensional Bernstein polynomials for solving mixed Volterra-Fredholm integral equations, 2014, Afrika Mathematika, F. Hosseini Shekarabi, K. Maleknejad, R. Ezzati (In Press) (Springer+Scopus)
- Positive Solution of Non-square Fully Fuzzy Linear System of Equation in General Form using Least Square Method, 2014, JLTA, R. Ezzati, A. Yousefzadeh, (In Press)
- Linear fractional multi-objective optimization problems subject to fuzzy relational equations with a continuous Archimedean triangular norm, 2014, Information Sciences, Authors: E. Khorram, R. Ezzati, Valizadeh (ISI) (IF: 3.67)
- Partial Differential Equations applied to Medical Image Segmentation, 2014, International Journal of Industrial Mathematics, B. Bagheri, R. Ezzati
- Quadrature rules and iterative method for numerical solution of two-dimensional fuzzy integral equations, 2014, Abstract and Applied Analysis, Authors:Reza Ezzati, Sadatrasoul (ISI)
- Numerical implementation of stochastic operational matrix driven by a fractional
  Brownian motion for solving a stochastic differential equation, 2014, Abstract and Applied Analysis, Authors: Reza Ezzati, M. Khodabin, Sadati (ISI) (IF: 1.101)
- A particular simplex algorithm to solve fuzzy lexicographic multi-objective linear programming problems and their sensitivity analysis on the priority of

the fuzzy objective functions, 2014, Journal of Intelligent and Fuzzy Systems, Reza Ezzati, Esmaeil Khorram, Ramin Enayati (ISI)

- Perturbation analysis of fully fuzzy linear systems, 2014, Arabian Journal for Science and Engineering, Authors: Reza Ezzati, Yousef Jaearzadeh (ISI)
- Numerical Solution of Backward Stochastic Differential Equations Driven by Brownian Motion through Block Pulse Functions, 2014, Indian Journal of Science and technology, , Authors: Reza Ezzati, M Khodabin, Z Sadati (ISI Listed)
- Solution of Multi-Delay Dynamic Systems by Using Hybrid Functions, 2014, Applied Mathematics, K. Maleknejad, R. Ezzati, T. Damirchili,
- A new approach for trapezoidal approximation of fuzzy number using WABL distance, 2014, Journal of Interpolation and Approximation in Scientific Computing, Authors: R. Ezzati, Y. Koochakpour, N. Goodarzi, M. Maghasedi (ISC)

## -----2013

- Numerical solution of nonlinear fuzzy Fredholm integral equations using iterative method, 2013, , Applied Mathematics and Computations, Authors: Reza Ezzati, Shokrollah Ziari (ISI)
- Fuzzy Splines and Their Applications to Interpolate Fuzzy Data, 2013, International Journal of Fuzzy Systems, Authors: Reza Ezzati, N. Rohani-Nasab, F.Mokhtarnejad, M Aghamohammadi, N Hassasi (ISI)
- Some fuzzy wavelet like operators and their convergence, 2013, Mathematical Problems in Engineering, R Ezzati, F Mokhtarnejad, N Hassasi (ISI)
- Numerical Solution of two-dimensional fuzzy Fredholm integral equations of the second kind using fuzzy bivariate Bernstein polynomials, 2013, International Journal of Fuzzy Systems, Authors: Reza Ezzati, Shokrollah Ziari )(ISI)
- Existence and Uniquness of Solutions of Fuzzy Differential Equations by Using Contractive-Like Mapping Principles in Fuzzy Partial Metric Spaces, 2013, Journal of Interpolation and Approximation in Scientific Computing, Authors: Reza Ezzati, Maryam Bagherian,(ISC)
- A new approach for defuzzification of a fuzzy number and its application for ranking fuzzy number, 2013, Journal of Fuzzy Set Valued Analysis, Authors: Reza Ezzati, Morteza Khodabin, M. Salaheddin. (ISC)
- Numerical method for solving nonlinear Volterra-Fredholm integral equations by using Coifman wavelet, 2013, AWERProcedia Information Technology and Computer Science 1, Authors: S Najafalizadeh, H Molaei, R Ezzati, M Ghazanfardel
- Using Chebyshev polynomials for solving nonlinearVolterra-Fredholm integral equations, , 2013, AWERProcedia Information Technology and Computer Science 1, Authors: R Ezzati, S Najafalizadeh,
- Seventh-Order Iterative Algorithm Free From Second Derivative for Solving Algebraic Nonlinear Equations, 2013, Int. J. Industrial Mathematics, Authors: M. Fardi, Ghasemi, R. Ezzati, k, Kazami. (ISC)

## -----2012

- An approach for ranking of fuzzy numbers , Expert Systems With Applications. 2012; Authors: R. Ezzati, T. Allahviranloo, S. Khezerloo, M. Khezerloo (ISI)
- Solving nonlinear multi-objective optimization problems with fuzzy relation inequality constraints regarding Archimedean triangular norm compositions, Fuzzy optimization and decision making, 2012, Authors: E. Khorram, R. Ezzati, Z. Valizadeh (ISI)
- NEW MODELS AND ALGORITHMS FOR APPROXIMATE SOLUTIONS OF SINGLE-SIGNED FULLY FUZZY LR LINEAR SYSTEMS , Iranian Journal of Fuzzy Systems. 2012; Authors: R. EZZATI, S. KHEZERLOO, N. MAHDAVI-AMIRI AND Z. VALIZADEH (ISI)
- Application of Chebyshev polynomials for solving nonlinear Volterra-Fredholm integral equations system and convergence analysis, Indian Journal of Science and Technology, 2012, Authors: R. Ezzati, S. Najafalizadeh (ISI)
- A new approach to the numerical solution of Fredholm-Volterra integral equations by using multiquadric quasi-interpolation, Indian Journal of Science and Technology, 2012, ; Authors: R. Ezzati, K. Shakibi (ISI)
- Approximate symmetric solution of dual fuzzy systems regarding two different fuzzy multiplications, Indian Journal of Science and Technology, 2012, Authors: Z. Valizadeh, R. Ezzati, S. Khezerloo (ISI)
- Numerical methods for solving linear and nonlinear Volterra-Fredholm integral equations by using CAS wavelets (In Press) Journal: WASJ. 2011; Authors: R. Ezzati and S. Najafalizadeh
- Existence and Uniquness of Solutions of Fuzzy Differential Equations by Using Contractive-Like Mapping Principles in Fuzzy Partial Metric Spaces, 2012, jiasc, Authors: R. Ezzati, M. Baghrian (In Press) (ISC)
- Periodic solution for strongly nonlinear vibration systems by using the homotopy analysis method, Mathematical Sciences, 2012, authors: M. Fardi M,E. Kazemi, R. Ezzati and M. Ghasemi (ISC)
- Approximation of Fuzzy Integrals Using Fuzzy Bernstein Polynomials, Fuzzy Information and Engineering , 2012, authors: Reza Ezzati, Shokrollah Ziari. (ISI)
- Interpolation of fuzzy data by using quartic piecewise polynomials induced from E(3) cubic splines, Mathematical Sciences, 2012, authors: H. Behforooz, R. Ezzati, S. Abbasbandy (ISC)
- Solving Fully Fuzzy Linear System of Equations in General Form, Journal of fuzzy set valued analysis, 2012, Authors: R. Ezzati, S. Khezerloo, A. Yousefzadeh. (ISC)
- Numerical Solution of Volterra-Fredholm Integral Equations with The Help of Inverse and Direct Discrete Fuzzy Transforms and Collocation Technique, 2012, Int. J. Industrial Mathematics, Authors: R. Ezzati, F. Mokhtari, M. Maghasedi (ISC)
- Numerical solution of Fredholm integral equations of the second kind by using fuzzy transforms, International Journal of Physical Sciences, 2012, Authors: R. Ezzati, F. Mokhtari

- Construction of new iterative methods with fifth-order convergence for solving non-linear equations by using previous iterative methods, Nonlinear Sciences, 2012, Authors: R. Ezzati, Saleki, E. Azadeghan
- On Approximation and Numerical Solution of Fredholm-Hammerstein Integral Equations Using Multiquadric Quasi-interpolation, Communication in nonlinear analysis, 2012, Authors: R. Ezzati, K. Shakibi
- A New Approach to Improved Multiquadric Quasi-Interpolation by Using General Hermite Interpolation, International Mathematical Forum, 2012, Authors: R. Ezzati, A. Hosseini, M. Ghasemimanesh
- Using Chebyshev polynomials for solving nonlinear Volterra- Fredholm integral equations, Journal of AWERProcedia Information Technology & Computer Science, 2012, Authors: R. Ezzati, S. Najafalizadeh

**-----2011**

- Using homotopy analysis method to obtain approximate analytical solutions of wave equations Journal: International Journal of the Physical Sciences. 2011;6(16) Authors: Reza Ezzati and Masoomeh Aqhamohamadi (ISI)
- A New Approach to the Numerical Solution of Volterra Integral Equations by using Bernstein's Approximation Journal: Communications in Nonlinear Science and Numerical Simulations. 2011;16:655-647 Authors: K. Maleknejad, E. Hashemizadeh, R. Ezzati (ISI, Hottest Paper)
- Solving Fuzzy Linear Systems Journal: Soft Computing. 2011;15:193-197 Authors: Reza Ezzati (ISI)
- An Algorithm to Solve Fully Fuzzy Biobjective Linear Programming Based on the Compromise Programming with Respect to the Ideal Points Journal: AJBAS. 2011;5(6):1098-1108 Authors: R. Ezzati, R. Enayati (ISI)
- Using min-max method to solve a full fuzzy linear programming(In Press) Journal: Australian Journal of Basic and Applied Sciences. 2011; Authors: R. Ezzati, E. Khorram, A. Mottagi, R. Enayati (ISI)
- Numerical Solution And Error Estimation Of Fuzzy Fredholm Integral Equation Using Fuzzy Bernstein Polynomials, Australian Journal of Basic and Applied Scinces, 2011, R. ezzati, Ziari (ISI)
- Using Adomian's decomposition and multiquadric quasi-interpolation methods for solving newell-whitehead equation Journal: Procedia Computer Science 3 (2011 1043-1048. 2011;3:1043-1048 Authors: R. Ezzati, K. Shakibi (Elsevier)
- A new method for ranking fuzzy numbers without concerning of real numbers , Journal: TWMS Journal of Pure and Applied Mathematics. 2011; Authors: R. Ezzati, R. Enayati, A. Mottagi, R. Saneeifard(ISI)
- Application of Homotopy Perturbation Method for Solving Brinkman Momentum Equation for Fully Developed Forced Convection in a Porous Saturated Channel Journal: Mathematical Sciences. 2011;5(2):111-123 Authors: R. Ezzati and S.M. Rassoulinejad Mousavi (ISC)
- Numerical solution of nonlinear Volterra-Fredholm integral equation by using Chebyshev polynomials Journal: Mathematical Sciences. 2011;5(1):1-12 Authors: R. Ezzati and S. Najafalizadeh (ISC)

- On the construction of new iterative methods with fourth-order convergence by combining previous methods Journal: International Mathematical Forum. 2011;6(27):1319-1326 Authors: R. Ezzati and F. Saleki
- Using Multiquadric Quasi-interpolation for solving Kawahara equation Journal: International Journal of Industrial Mathematics. 2011;3(2):111-123 Authors: R. Ezzati, K. Shakibi, M. Gasemimanesh (ISC)

## ----2010

- APPROXIMATE SYMMETRIC LEAST SQUARE SOLUTIONS OF GENERAL FUZZY LINEAR SYSTEMS Journal: Appl. Comput. Math. 2010;9(2):220-225 Authors: Reza Ezzati (ISI)
- Defuzzification through a Bi-Symmetrical Weighted Function Journal: Australian Journal of Basic and Applied Sciences. 2010;4(10) Authors: R. Saneifard and R. Ezzati (ISI)
- A new approach for ranking of fuzzy numbers with continuous weighted quasi-arithmetic means Journal: Mathematical Sciences: Quarterly Journal. 2010; Authors: Reza Ezzati and Rahim Saneeifard (ISC)
- Computer Simulation of Runaway Electrons in the Iran Tokamak 1 (IR-T1) Journal: Mathematical Sciences. 2010;4(3) Authors: A. Hojabria;, F. Hajakbaria, R. Ezzatib, M. Goranneviss (ISC)
- INTERPOLATION OF FUZZY DATA BY USING E(3) CUBIC SPLINES Journal: International Journal of Pure and Applied Mathematics-IJPAM. 2010;60(4):383-392 Authors: H. Behforooz, R. Ezzati, S. Abbasbandy
- Solving the non-linear system of third-order boundary value problems by using He's homotopy perturbation method Journal: International Journal of Industrial Mathematics. 2010; Authors: Reza Ezzati and Maryam Agamohammad (ISC)
- Some properties of a new fuzzy Distance Measures Journal: International Journal Of Industrial Mathematics. 2010;2(4) Authors: T. Allahviranloo, R. Ezzati, S. Khezerloo. (ISC)

## ----2009

- A simple iterative method with fifth-order convergence by using Potra and Ptak,s method Journal: Mathematical Sciences. 2009;3(2):191-200 Authors: R. Ezzati and E. Azadegan (ISC)
- New Family of Two-parameters iterative methods for nonlinear equations with fourth-order convergence Journal: International Journal of Industrial mathematics. 2009; Authors: Elham Azadegan, Reza Ezzati (ISC)
- Numerical Solution of Hybrid Fuzzy Differential Equation (IVP) by Improved Predictor-Corrector Method Journal: International Journal of Industrial Mathematics. 2009;1(3) Authors: R. Ezzati and S. Siah Mansoori (ISC)

## ----2008

- Interpolation of Fuzzy Data By Using Fuzzy Splines Journal: International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems. 2008;16(1):107-115 Authors: S. Abbasbandy, R.Ezzati, H. Behforooz (ISI)
- A method for solving dual fuzzy general linear systems Journal: Applied and Computational Mathematics. 2008;2 Authors: Reza Ezzati (ISI)

- A two-parameter family of second-order iterative methods for solving non-linear equations Journal: Mathematical Science. 2008;1(2):151-158 Authors: R. Ezzati, E. Azadegan(ISC)
- Parametric approximation of fuzzy number Journal: Mathematics Scientific Journal. 2008;4(2):75-87 Authors: R. Ezzati, M. Farzam

## ----2007

- A Method for Solving Fuzzy Genera Linear Systems Journal: The Journal of Fuzzy Mathematic. 2007;15(4):881-889 Authors: S. Abbasbandy, T. Alliahviranloo, R. Ezzati
- Crisp solution of a symmetric fuzzy linear system Journal: Mathematics Scientific Journal. 2007; Authors: S. Abbasbandy, R. Ezzati (ISC)
- Crisp solution of a system of fuzzy nonlinear equations Journal: Nonlinear Studies. 2007;14(1):81-86 Authors: S. Abbasbandy, R. Ezzati
- Existence of Extremal Solutions for Fuzzy Polynomials and their Numerical Solutions Journal: Mathware & Soft Computing. 2007;(2):147-164 Authors: R. Ezzati, A. Abbasbandy
- Newton's method for solving a system of dual fuzzy nonlinear equations Journal: Matematical sciences. 2007;1(1):71-82 Authors: R. Ezzati, S. Abbasbandy (ISC)

## ----2006

- LU decomposition method for solving fuzzy system of linear equations Journal: Applied Mathematics and Computation. 2006;172:633-643 Authors: S. Abbasbandy, R. Ezzati, A. Jafarian (ISI)
- Newton's method for solving a system of fuzzy nonlinear equations Journal: Applied Mathematics and Computation 175 (2006) 1189-1199. 2006;175:1189-1199 Authors: S. Abbasbandy, R. Ezzati (ISI, Hottest Paper)
- Crisp solution of a general fuzzy linear system Journal: Journal of Sciences Islamic Azad University. 2006;16:19-25 Authors: S. Abbasbany, R. Ezzati (ISC)
- Homotopy method for solving fuzzy nonlinear equations Journal: Applied Sciences, Vol.8, 2006, pp. 1-7. 2006;8:1-7 Authors: S. Abbasbandy, R. Ezzati
- Newton's method for solving quadratic fuzzy equations Journal: Advances in Theoretical and Applied Mathematics. 2006;1(1):1-8 Authors: S. Abbasbandy, J.J. Nieto, R. Ezzati, R. Rodr´ıguez-L´opezc

## ----2005

- Conjugate gradient method for fuzzy symmetric positive definite system of linear equations Journal: Applied Mathematics and Computation 171 (2005) 1184-1191; Authors: S. Abbasbandy, A. Jafarian, R. Ezzati (ISI)

# 1- Conferences

- On numerical solution of nonlinear fuzzy Urysohn-Volterra delay integral equations based on iterative method and trapezoidal quadrature rule, R Ezzati, AM Gholam, H Nouriani, 2020 8th Iranian Joint Congress on Fuzzy and intelligent Systems (CFIS), 013-016(2020)
- Solving Nonlinear Volterra-Fredholm Integral Equations via New Basis Functions, AAC Tofigh, R Ezzati, International Online Conference on Intelligent Decision Science, 785-795(2020)

- Boubaker Function for Solving Fractional Diffusion-Wave Equation, A Khajehnasiri, R Ezzati, MA Kermani, International Online Conference on Intelligent Decision Science, 638-649 (2020)
- Numerical Solution of Linear Volterra Integral Equations Based on Operational Matrix of Integration by Using Non-uniform Haar Wavelets, M Montazer, R Ezzati, M Fallahpour, International Online Conference on Intelligent Decision Science, 738-753 (2020)
- Rich method for solving fuzzy integral equations, R. Ezzati, V. Samadpour, Fuzzy and Intelligent Systems (CFIS), 6th Iranian Joint Congress on Fuzzy and Intelligent Systems, (17th Conference on Fuzzy Systems and 15th Conference on Intelligent Systems), (Published by IEEE), 2018
- Fuzzy block-pulse functions and its application to solve linear fuzzy Fredholm integral equations of the second kind, S. Ziari, R. Ezzati, 20-24 June 2016 in Eindhoven, The Netherlands (Accepted for presentation).
- Numerical solution of linear fuzzy fredholm integral equations of second kind using iterative method and midpoint quadrature formula R. Ezzati, V. Samadpour Khalifeh Mahaleh, Applied Mathematics Conference, Islamic Azad University, Tabriz Branch, Tabriz, Iran, 11/3/2016.
- SOLVING LINEAR FUZZY FREDHOLM INTEGRAL EQUATIONS VIA ITERATIVE METHOD AND SIMPSON QUADRATURE RULE, R. Ezzati, H. Nouriani, Mashhadi, International Conference of Mathematics of Fuzziness, Zanjan, Iran, April 27-29, 2016.
- A new iterative method for solving fuzzy integral equations, R. Ezzati, S. Ziari, S.M. Sadatrasoul, International conference on intelligent decision science, Dubai, 2015
- Tow hybrid and non-hybrid methods for solving fuzzy integral equations based on Bernoulli polynomials, R. Ezzati, S. M. Sadatrasoul, International conference on intelligent decision science, Dubai, 2015
- A new method for ranking of fuzzy numbers , S. Ziari, R. Ezzati, International conference on intelligent decision science, Dubai, 2015
- Numerical solution for nth order linear Fredholm integro-differential equations by using Chebyshev wavelets integration operational matrix, 46th Annual Iranian Mathematics Conference, 2015
- Ranking fuzzy numbers with concerning of the total difference between fuzzy numbers, Applied Mathematics Conference, Islamic Azad University, Karaj, Iran, Authors: R. Ezzati, R. Enayati, 2014
- Numerical solution of linear fuzzy Fredholm integral equations using iterative method, Applied Mathematics Conference, Islamic Azad University, Karaj, Iran, Authors: R. Ezzati, S. Ziari, 2014
- Iterative and Collocation methods for numerical solution of linear fuzzy Fredholm integral equations using fuzzy-wavelet-like operator Applied Mathematics Conference, Islamic Azad University, Karaj, Iran Authors: S. M. Sadatrasoul, R. Ezzati, 2014
- A new method for ranking fuzzy numbers, 13th International Conference on Fuzzy Information and Engineering, Qazvin, Iran, 2013, (Speech) Authors: R. Ezzati, S. Ziari

- A NEW METHOD FOR SOLVING FUZZY DIFFERENTIAL EQUATION, 9th Seminar on Differential Equations and Dynamical Systems, Tabriz, Iran, (Speech) Authors:R. Ezzati, S, Khezerloo, 2012
- Solving a fuzzy linear programming problem with symmetric and/or non-symmetric trapezoidal fuzzy numbers based on modifying Ganesan and Veeramani's method, The 6th International Conference on Fuzzy Information and Engineering, Mazandaran, Iran, (Speech) Authors: R. Ezzati, E. Khorram, R. Enayati, 2012
- A new approach for ranking of fuzzy numbers, The 6th International Conference on Fuzzy Information and Engineering, Mazandaran, Iran, (Speech) Authors: R. Ezzati, S. Ziari, S. Khezerloo , 2012
- Numerical Solution of Fuzzy Fredholm Integral Equations By the Spline Interpolation Conference: The 4th Congress of the Turkic World Mathematical Society (TWMS). 2011; (Speech) Authors: Yosef Jafarzadeh and Reza Ezzati
- Approximation of Fuzzy integrals using fuzzy Bernstein polynomials, Conference: The 4th Congress of the Turkic World Mathematical Society (TWMS). 2011; (Speech) Authors: Reza Ezzati , S. Ziari
- A method for solving nonlinear wave equations with Homotopy Perturbation Method Conference: Ssecond International Conference on Computer Research and Development 2010. 2010; (Speech) Authors: Reza Ezzati and Fatemeh Tajdini
- A New Fuzzy Distance Measure Conference: 10th Iranian conference of Fuzzy systems. 2010; (Speech) Authors: S. Khezerloo, M. Khezerloo, R. Ezzati, S. Salahshour
- Defuzzification through a Novel Approach Conference: 10th iranian conference of fuzzy systems. 2010; (Speech) Authors: Reza Ezzati and Rahim Saneeifard
- Numerical solution of Hybrid Fuzzy Differential Inclusions by Characterization theorem Conference: 4th Iranian Conference on Applied Mathematics. 2010; (Speech) Authors: Reza Ezzati and Samira Siah Mansouri
- Numerical solution of Volterra-Fredholm integral equations by using CAS wavelets Conference: The 41th Annual Iranian Mathematics Conference. 2010; (Speech) Authors: R. Ezzati and S. Najafalizadeh
- Using Adomain's Decoposition and Multiquadric Quasi interpolation Method For Solving Newell-Whithead Equation Conference: World Conference on Information Theory. 2010; (Speech) Authors: Reza Ezzati, K. Shakibi
- Using Adomain's Decoposition Method For Solving Newell-Whithead Equation Conference: 41st Annual Iranian Mathematics Conference 12-15 September 2010, University of Urmia, Urmia-Iran. 2010; (Speech) Authors: R. Ezzati and K. Shakibi
- A family of Two-Parameters iterative methods with Fourth-Order Convergence Conference: 3rd International Conference on Mathematics and statistic. 2009; (Speech) Authors: Elham Azadegan, Reza Ezzati

- A quadrature formula for the Gegenbauer weight-function Conference: 40 th annual Iranian mathematics Conference. 2009; (Speech) Authors: R. Ezzati, H. Derilli and F. Yekkefallah
- Entropy Rate for Ehrenfest's Urn Models Conference: 3rd International Conference on Mathematics and Statistics, 15-18 June 2009, ATHENS, GREECE. 2009; (Speech) Authors: Morteza Khodabin, Reza Ezzati
- New parametric approximation of fuzzy number Conference: 3rd International Conference on Mathematics and Statistics, 15-18 June 2009, ATHENS, GREECE. 2009; (Speech) Authors: Reza Ezzati, Maryam Farzam
- On the construction of new iterative method with fifth-order convergence by using Adomian decomposition method and Homotopy method Conference: 40 th annual Iranian mathematics conference. 2009; (Speech) Authors: R. Ezzati, F. Saleki and E. Azadegan

## 2- Book

- Successive Approximations Method for Fuzzy Fredholm-Volterra Integral equations of the Second Kind, Ziari, S., Bica, A.M, Ezzati, R, Studies in Fuzziness and Soft Computing, 412, pp. 209-228
- Publisher: Springer (chapter Book)
- Numerical Solution of Some Singular Volterra Fuzzy Integral Equations of the First Kind by Fuzzy Generalized Quadrature Formula, V. Samadpour, R. Ezzati, S. Ziari, Studies in Fuzziness and Soft Computing, 412, pp. 197-207
- Publisher: Springer (chapter Book)
- Discrete Mathematics, M. Toomanian, R. Ezzati, M. Maghasedi, 2018, Islamic Azad University, Karaj Branch
- Fuzzy block-pulse functions and its application to solve linear fuzzy Fredholm integral equations of the second kind, S. Ziari, R. Ezzati, 2016, Information Processing and Management of Uncertainty in Knowledge-Based Systems, Authors: S. Ziari, R. Ezzati, S. Abbasbandy,
- Publisher: Springer (chapter Book)
- New parametric approximation of fuzzy number, 2014, Essays on Mathematics and Statistics: Volume 3, Reza Ezzati, Maryam Farzam
- Publisher: Atiner (Chapter Book)
- Entropy Rate for Ehrenfest's Urn Models, 2013, Essays on Mathematics and Statistics: Volume 3, Authors: M. Khodabin, R. Ezzati,
- Publisher: Atiner (Chapter Book)

## 3- Research supervision and leadership experience

- M. Sc.:

  Supervisor: More than ۳۰

- Ph.D. :

  Supervisor: ۱۱

## 4- Teaching merits

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

## 5- Awards and honours

- 2009: Top Researcher in Islamic Azad University, Karaj Branch.
- 2012: Top Researcher in Islamic Azad University, Karaj Branch.
- 2015: :Top Corresponding Author of the Paper in Islamic Azad University, Karaj Branch.
- 2016- Top Researcher in Alborz Province
- 2018: Top Researcher in Islamic Azad University, Karaj Branch.
- 2020: Being in the top 2% of scientists in the field of mathematics
- 2022: :Top Corresponding Author of the Paper in Islamic Azad University, Karaj Branch
- 2023: Being in the top 2% of scientists in the field of mathematics
- 2024: Being in the top 2% of scientists in the field of mathematics
-

## 6- 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
- 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

14- The Journal of Applied Mathematics

15- Communications in Numerical Analysis

16- Computer Mathematics with Applications

## 7- Other Experiences

1- Dean of the Faculty of Sciences (Islamic Azad University, Karaj Branch), 2007-2016

2- Vice President of Research and Technology (Islamic Azad University, Karaj Branch), 2016-2018 and 2023

3- Dean of the Faculty of Management and Accounting (Islamic Azad University, Karaj Branch), 2020-2022

4- Dean of the Faculty of Sciences (Islamic Azad University, Karaj Branch), 2023