

Curriculum Vitae



Personal Data:

Name: **Reza**

Family name: **Ezzati**

Date of Birth: **1974**

Position: **Professor of Applied Mathematics in Islamic Azad University, Karaj Branch**

Field of Study: **Fuzzy Numerical Analysis**

Email Address: ezati@kiau.ac.ir

Reza_ezati@yahoo.com

Mailing Address: **Department of Mathematics, Islamic Azad University, Karaj Branch, Karaj, Iran.**

Educations Background:

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

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

Advisor

Dr. S. M. Hosseini

2002-2006: Ph.D. In Applied Mathematics, Science and Research Branch, Islamic Azad University, Tehran, Iran.

Thesis

Numerical Solution of Fuzzy systems

Supervisor

Dr. Saeid Abbasbandy.

Advisor

1- Dr. Esmaeil Babolian

2- Dr. Tofiq Allahviranloo

External Examiners

1- Dr. B. Asady

2- Dr. M. A. Fariborzi

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)

Editorial Board Members:

2012-to date: Associate Editor: Mathematical Sciences (ISI) (Springer).

2012-to date: Editorial Board: Applied Mathematics (SAP)

2013 - to date: Editorial Board: The Scientific World Journal (Hindawi)

2015 - to date: Editorial Board: Fuzzy Set Valued Analysis, (ISPACS).

Awards:

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.

Research Area of Interest:

- Numerical Analysis (Integral Equations, Interpolation)
- Fuzzy Mathematics (Fuzzy integral equations, Numerical solution of fuzzy systems, Fuzzy differential equations)

Research Publications

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- 1- **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)**
- 2- 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)**
- 3- **Application of bivariate fuzzy Bernstein polynomials to solve two-dimensional fuzzy integral equations, Soft Computing, S. M. Sadatrasoul, R. Ezzati (2016) (ISI)**

- 4- **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)**
- 5- **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)**
- 6- **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)**
- 7- **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)**
- 8- **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)**
- 9- **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)**
- 10- **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)**
- 11- **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)**
- 12- **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)**

- 13- **Two hybrid and non-hybrid methods for solving fuzzy integral equations based on Bernoulli polynomials**, Journal of Fuzzy Set Valued Analysis IDS-2015, **R. Ezzati, S. M. Sadatrasoul (2016) 1-12) (ISC)**

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- 14- **A Data Envelopment Analysis based approach for target setting and resource allocation: Application in Gas Companies**, **A. Mottaghi, E. Ebrahimnejad, R. Ezzati, E. Khorram, 2015 (ISI)**
- 15- **A numerical approach for the solution of a class of singular boundary value problems arising in physiology**, Advances in Difference Equations, Mohsenyadeh, Maleknejad, **Ezzati, 2015, (ISI)**
- 16- **Using collocation fuzzy wavelet like operator to approximate the solution of fuzzy Fredholm integral equation**, 2015, IJST, **R. Ezzati, N. Hassasi (ISI)**
- 17- **Convergence, Consistency and Stability in Fuzzy Differential Equations**, 2015, Iranian Journal of Fuzzy Systems, **R. Ezzati, K. Maleknejad, S. Khezerloo and M. Khezerloo (ISI)**
- 18- **A New Algorithm to Solve Fully Fuzzy Linear Programming Problems Using the MOLP Problem**, 2015, Applied Mathematical Modelling, Authors: **Reza Ezzati, Esmail Khorram, Ramin Enayati (ISI)**
- 19- **Application of parametric form for ranking of fuzzy numbers**, 2014, Iranian Journal of fuzzy systems, **R. Ezzati, S. Khezerloo, S. Ziari, (ISI)**
- 20- **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)**
- 21- **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)**
- 22- **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)**
- 23- **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)**

- 24- **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)
- 25- **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.**
- 26- **A new iterative method for solving fuzzy integral equations**, , International Journal of Industrial Mathematics, **R. Ezzati**, S. Ziari, M. Sadatrasoul, 2015,(ISC)
- 27- **Hybrid of orthonormal Bernoulli polynomial and block-pulse functions for solving Volterra and Fredholm integral equations of the second kind**, Mohsenyazadeh, Maleknejad, **R. Ezzati**, 2015. **I. A. U. Sciences.**
- 28- **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)

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- 29- **Iterative method for numerical solution of two-dimensional nonlinear fuzzy integral equations**, **Fuzzy Sets and Systems**, 2014, S.M.Sadatrasoul, **R.Ezzati** (ISI)
- 30- **Resource Allocation in Data Envelopment Analysis with Fuzzy Inputs and Fuzzy outputs**, **Research Report**, Az. Mottaghi, **R. Ezzati**, E. Khorram, 2014 (ISI)
- 31- **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 (Elsevier)
- 32- **Tension Spline method for solution of non-linear Fisher equation**, **Applied Mathematics and Computations**, 2014, Agamohammadi, Rashidinia, **Ezzati** (ISI)
- 33- **Application of two-dimensional Bernstein polynomials for solving mixed Volterra-Fredholm integral equations**, 2014, **Afrika Matematika**, **F. Hosseini Shekarabi**, **K. Maleknejad**, **R. Ezzati** (In Press) (Springer+Scopus)
- 34- **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)
- 35- **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)

- 36- **Partial Differential Equations applied to Medical Image Segmentation, 2014, International Journal of Industrial Mathematics, B. Bagheri, R. Ezzati**
- 37- **Quadrature rules and iterative method for numerical solution of two-dimensional fuzzy integral equations, 2014, Abstract and Applied Analysis, Authors:Reza Ezzati, Sadatrasoul (ISI)**
- 38- **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)**
- 39- **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)**
- 40- **Perturbation analysis of fully fuzzy linear systems, 2014, Arabian Journal for Science and Engineering, Authors: Reza Ezzati, Yousef Jaearzadeh (ISI)**
- 41- **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)**
- 42- **Solution of Multi-Delay Dynamic Systems by Using Hybrid Functions, 2014, Applied Mathematics, K. Maleknejad, R. Ezzati, T. Damirchili,**
- 43- **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)**

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- 44- **Numerical solution of nonlinear fuzzy Fredholm integral equations using iterative method, 2013, , Applied Mathematics and Computations, Authors: Reza Ezzati, Shokrollah Ziari (ISI)**
- 45- **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)**
- 46- **Some fuzzy wavelet like operators and their convergence, 2013, Mathematical Problems in Engineering, R Ezzati, F Mokhtarnejad, N Hassasi (ISI)**

- 47- **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)**
- 48- **Existence and Uniqueness 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)**
- 49- **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)**
- 50- **Numerical method for solving nonlinear Volterra-Fredholm integral equations by using Coifman wavelet, 2013, AVERProcedia Information Technology and Computer Science 1, Authors: S Najafalizadeh, H Molaei, R Ezzati, M Ghazanfardel**
- 51- **Using Chebyshev polynomials for solving nonlinear Volterra-Fredholm integral equations, , 2013, AVERProcedia Information Technology and Computer Science 1, Authors: R Ezzati, S Najafalizadeh,**
- 52- **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)**

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- 53- **An approach for ranking of fuzzy numbers , Expert Systems With Applications. 2012; Authors: R. Ezzati, T. Allahviranloo, S. Khezerloo, M. Khezerloo (ISI)**
- 54- **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)**
- 55- **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)**

- 56- **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)**
- 57- **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)**
- 58- **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)**
- 59- **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
- 60- **Existence and Uniqueness 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)**
- 61- **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)**
- 62- **Approximation of Fuzzy Integrals Using Fuzzy Bernstein Polynomials**, Fuzzy Information and Engineering , 2012, authors: Reza Ezzati, Shokrollah Ziari. **(Springer)**
- 63- **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)**
- 64- **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)**
- 65- **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)**
- 66- **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
- 67- **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

- 68- **On Approximation and Numerical Solution of Fredholm-Hammerstein Integral Equations Using Multiquadric Quasi-interpolation**, Communication in nonlinear analysis, 2012, Authors: R. Ezzati, K. Shakibi
- 69- **A New Approach to Improved Multiquadric Quasi-Interpolation by Using General Hermite Interpolation**, International Mathematical Forum, 2012, Authors: R. Ezzati, A. Hosseini, M. Ghasemimanesh
- 70- **Using Chebyshev polynomials for solving nonlinear Volterra- Fredholm integral equations**, Journal of AWERProcedia Information Technology & Computer Science, 2012, Authors: R. Ezzati, S. Najafalizadeh

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- 71- **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)**
- 72- **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)**
- 73- **Solving Fuzzy Linear Systems** Journal: **Soft Computing**. 2011;15:193-197 Authors: Reza Ezzati **(ISI)**
- 74- **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)**
- 75- **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)**
- 76- **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)**

- 77- **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**)
- 78- **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. Saneefard(**ISI**)
- 79- **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**)
- 80- **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**)
- 81- **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
- 82- **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**)

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- 83- **APPROXIMATE SYMMETRIC LEAST SQUARE SOLUTIONS OF GENERAL FUZZY LINEAR SYSTEMS** Journal: **Appl. Comput. Math.** 2010;9(2):220-225 Authors: Reza Ezzati (**ISI**)
- 84- **Defuzzification through a Bi-Symmetrical Weighted Function** Journal: Australian Journal of Basic and Applied Sciences. 2010;4(10) Authors: R. Saneefard and R. Ezzati (**ISI**)
- 85- **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 Saneefard (**ISC**)
- 86- **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**)

- 87- **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
- 88- **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)**
- 89- **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)**

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- 90- **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)**
- 91- **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)**
- 92- **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)**

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- 93- **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)**
- 94- **A method for solving dual fuzzy general linear systems** Journal: **Applied and Computational Mathematics**. 2008;2 Authors: Reza Ezzati **(ISI)**
- 95- **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)**
- 96- **Parametric approximation of fuzzy number** Journal: Mathematics Scientific Journal. 2008;4(2):75-87 Authors: R. Ezzati, M. Farzam

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- 97- **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
- 98- **Crisp solution of a symmetric fuzzy linear system** **Journal: Mathematics Scientific Journal.** 2007; Authors: S. Abbasbandy, R. Ezzati **(ISC)**
- 99- **Crisp solution of a system of fuzzy nonlinear equations** **Journal: Nonlinear Studies.** 2007;14(1):81-86 Authors: S. Abbasbandy, R. Ezzati
- 100- **Existence of Extremal Solutions for Fuzzy Polynomials and their Numerical Solutions** **Journal: Mathware & Soft Computing.** 2007;(2):147-164 Authors: R. Ezzati, A. Abbasbandy
- 101- **Newton's method for solving a system of dual fuzzy nonlinear equations** **Journal: Mathematical sciences.** 2007;1(1):71-82 Authors: R. Ezzati, S. Abbasbandy **(ISC)**

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- 102- **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)**
- 103- **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)**
- 104- **Crisp solution of a general fuzzy linear system** **Journal: Journal of Sciences Islamic Azad University.** 2006;16:19-25 Authors: S. Abbasbandy, R. Ezzati **(ISC)**
- 105- **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
- 106- **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. Rodríguez-López

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- 107- **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)

Conferences

- 1- **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).
- 2- **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.
- 3- **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.
- 4- **A new iterative method for solving fuzzy integral equations**, R. Ezzati, S. Ziari, S.M. Sadatrasoul, International conference on intelligent decision science, Dubai, 2015
- 5- **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
- 6- **A new method for ranking of fuzzy numbers**, S. Ziari, R. Ezzati, International conference on intelligent decision science, Dubai, 2015
- 7- **Numerical solution for nth order linear Fredholm integro-differential equations by using Chebyshev wavelets integration operational matrix**, 46th Annual Iranian Mathematics Conference, 2015
- 8- **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

- 9- **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**
- 10- **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**
- 11- **A new method for ranking fuzzy numbers, 13th International Conference on Fuzzy Information and Engineering, Qazvin, Iran, 2013, (Speech) Authors: R. Ezzati, S. Ziari**
- 12- **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**
- 13- **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**
- 14- **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**
- 15- **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**
- 16- **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**
- 17- **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**
- 18- **A New Fuzzy Distance Measure Conference: 10th Iranian conference of Fuzzy systems. 2010; (Speech) Authors: S. Khezerloo, M. Khezerloo, R. Ezzati, S. Salahshour**
- 19- **Defuzzification through a Novel Approach Conference: 10th iranian conference of fuzzy systems. 2010; (Speech) Authors: Reza Ezzati and Rahim Saneefard**

- 20- **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
- 21- **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
- 22- **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
- 23- **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
- 24- **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
- 25- **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
- 26- **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
- 27- **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
- 28- **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

Chapter Book

- 1- **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)**

- 2- **Numerical Solution of Linear Fuzzy Fredholm Integral Equations of the Second Kind Using fuzzy Haar Wavelet**, CCIS- Advances in Computational Intelligence, 299, 2012 , Authors: S. Ziari, R. Ezzati, S. Abbasbandy
Publisher: Springer
- 3- **New parametric approximation of fuzzy number, 2014**, *Essays on Mathematics and Statistics: Volume 3*, Reza Ezzati, Maryam Farzam
Publisher: Atiner
- 4- **Entropy Rate for Ehrenfest's Urn Models, 2013**, *Essays on Mathematics and Statistics: Volume 3*, Authors: M. Khodabin, R. Ezzati,
Publisher: Atiner