

CURRICULUM VITAE

Mahmoud Hadizadeh - Yazdi

Department of Mathematics

K. N. Toosi University of Technology

Tehran 16315-1618, Iran

Tel.: (+98) 21 23064 394

Fax.: (+98) 21 22853650

E-mail: hadizadeh@kntu.ac.ir

URL: <http://wp.kntu.ac.ir/hadizadeh>

Personal Info

Name: MAHMOUD

Surname: HADIZADEH YAZDI

Date of Birth: 25 MARCH, 1969

Place of Birth: MASHHAD, IRAN

Nationality: IRANIAN

Marital Status: MARRIED (with one daughter)

Education

- | | |
|-----------|---|
| 1995-1999 | Ph.D. in Applied Mathematics,
Iran University of Science and Technology |
| 1993-1995 | M.Sc. in Applied Mathematics,
Iran University of Science and Technology |
| 1989-1993 | B.Sc. in Applied Mathematics and Computer Science,
Ferdowsi University of Mashhad, Iran |

Research and Work Experience

- | | |
|--------------|---|
| Mar-Aug 2013 | Visiting Research Scholar at The Ohio State University, USA |
| 2013-present | Member of the Editorial Board of CMDE Journal, University of Tabriz |
| 2013-present | Member of the Editorial Board of Journal of Math. Model., University of Guilan |
| 2010-2012 | Dean of the Faculty of Science, K. N. Toosi Univ. of Tech., Tehran, Iran |
| 2006-2012 | Member of the Editorial Board of Newsletter of Iranian Mathematical Society |
| 2004-present | Associate Professor in the Department of Mathematics, K. N. Toosi Univ. of Tech. |
| 2003-2007 | Junior Associate Researcher, Institute for studies in theoretical Physics and Mathematics (IPM), Tehran, Iran |
| 2001-2004 | Research Deputy of the Faculty of Science, K. N. Toosi Univ. of Tech. |
| 1999-2004 | Assistant Professor in the Department of Mathematics, K. N. Toosi Univ. of Tech. |

Research Interest

- Numerical Solution of Integral Equations
- Integral Algebraic Equations: Numerical Methods and Applications
- Posteriori Error Estimation
- Discrete Group Methods
- Verified Solutions of Operator Equations
- Matrix Polynomial Theory

Teaching

Introductory Numerical Analysis, Ordinary Differential Equations, Numerical Linear Algebra, Advanced Numerical Analysis, Computational Methods for Integral Equations, Mathematics Laboratory, Introductory Integral Equations, Advanced Engineering Mathematics, Approximation Theory, Singular Integral Equations

Memberships

1987-present	Iranian Mathematical Society
2013-present	The American Mathematical Society
1996-2000	International Federation of Nonlinear Analysts (IFNA)

Reviewer of the Journals

BIT Numerical Mathematics, International Journal of Computer Mathematics, Applied Mathematical Modelling, Applied Mathematics Letters, Journal of Computational and Applied Mathematics, Mathematics and Computers in Simulation, Mathematical and Computer Modelling, Computers and Mathematics with Applications, Journal of Computational Physics, Communications in Nonlinear Science and Numerical Simulation, Acta Applicandae Mathematica, Bulletin of the Iranian Mathematical Society, Applications and Applied Mathematics.

Publications

(2013)

- [1] N. SHAYANFAR and M. HADIZADEH, *An Approach Based on Matrix Polynomials for Linear Systems of Partial Differential Equations*, **Special Matrices** (to appear).
- [2] N. MOTAMEDI, M. R. PEYGHAMI and M. HADIZADEH, *A Mixed Integer Nonlinear Programming Model for the Optimal Repair-replacement in the Firm*, **Math. Social Sci.** 66, 366-371 (2013).
- [3] N. MASOUDIPOUR and M. HADIZADEH, *A Meshless like Method for the Approximate Solution of Integral Equations over Polygons*, **Appl. Math. Model.** 37, 9562-9574 (2013).
- [4] M. KHASI, F. GHOREISHI and M. HADIZADEH, *Numerical Analysis of a High Order Method for State-Dependent Delay Integral Equations*, **Numer. Algorithms** (to appear).
- [5] N. SHAYANFAR and M. HADIZADEH, *Splitting A Linear System of Operator Equations with Constant Coefficients: A Matrix Polynomial Approach*, **FiloMat.** 27(8), 1447-1457 (2013).
- [6] F. GOODARZI, M. HADIZADEH and F. GHOREISHI, *An Interval Solution for the nth Order Linear ODEs with Interval Initial Conditions*, **Math. Commun.** 18, 257-270 (2013).

- [7] S. PISHBIN, F. GHOREISHI and M. HADIZADEH, *The Semi-Explicit Volterra Integral-Algebraic Equations with Weakly Singular Kernels: The Numerical Treatments*, **J. Comput. Appl. Math.** 245, 121-132 (2013).
- [8] K. MALEKNEJAD, M. HADIZADEH and M. ATTARY, *On the Approximate Solution of Integro-differential Equations arising in Oscillating Magnetic Fields*, **Appl. Math.** 58(5), 595-607 (2013).
- [9] H. LAELI DASTJERDI, F. MAALEK GHAINI and M. HADIZADEH, *A Meshless Approximate Solution of Mixed Volterra-Fredholm Integral Equations*, **Int. J. Computer Math.** 90(3), 527-538 (2013).

(2012)

- [10] N. SHAYANFAR, M. HADIZADEH and A. H. AMIRASLANI, *Integral Operator Acting as Variables of the Matrix Polynomial: Application to System of Integral Equations*, **Ann. Funct. Anal.** 3(2), 170-182 (2012).
- [11] N. SHAYANFAR and M. HADIZADEH, *λ -Matrix Formulation Applying for the Hertz Contact Problem with Finite Friction*, **Computers. Math. Applic.** 64, 2478-2483 (2012).
- [12] F. GHOREISHI, M. HADIZADEH and S. PISHBIN, *On the Convergence Analysis of the Spline Collocation Method for System of Integral Algebraic Equations of Index-2*, **Int. J. Comput. Methods** 9(4), 1-22 (2012).
- [13] M. HADIZADEH and S. YAZDANI, *Piecewise Constant Bounds for the Solutions of Nonlinear Volterra-Fredholm Integral Equations*, **Comp. Appl. Math.** 31(2), 1-18 (2012).
- [14] M. R. PEIGHAMI, M. HADIZADEH and A. EBRAHIMZADEH, *Some Explicit Classes of Hybrid Methods for Optimal Control of Volterra Integral Equations*, **J. Inform. Comput. Sci.** 7(4), 253-266 (2012).

(2011)

- [15] S. PISHBIN, F. GHOREISHI and M. HADIZADEH, *A Posteriori Error Estimation for the Legendre Collocation Method Applied to Integral-Algebraic Volterra Equations*, **Elect. Trans. Numer. Anal.** 38, 327-346 (2011).
- [16] M. HADIZADEH and S. YAZDANI, *New Enclosure Algorithms for the Verified Solutions of Nonlinear Volterra Integral Equations*, **Appl. Math. Model.** 35(6), 2972-2980 (2011).
- [17] M. HADIZADEH, F. GHOREISHI and S. PISHBIN, *Jacobi Spectral Solution for Integral-Algebraic Equations of Index-2*, **Appl. Numer. Math.** 61, 131-148 (2011).
- [18] S. ANDERAINCS and M. HADIZADEH, *The Computational Efficiency of Walsh Approximation for Two-Dimensional Volterra Integral Equations*, **Asian-European J. Math.** 4(2), 268-270 (2011)

(2010)

- [19] M. RASTI and M. HADIZADEH, *A Product Integration Approach Based on New Orthogonal Polynomials for Nonlinear Weakly Singular Integral Equations*, **Acta. Appl. Math.** 109(3), 861-873 (2010).

(2009)

- [20] F. GHOREISHI and M. HADIZADEH, *Numerical Computation of the Tau Approximation for the Volterra-Hammerstein Integral Equations*, **Numer. Algorithms** 52, 541-559 (2009).
- [21] N. SHAYANFAR and M. HADIZADEH, *Computer Algebraic Efficiency of Matrix Polynomials for A System of Integral Equations*, **ACM Commun. Comput. Algebra** 43(3), 101-102 (2009).

(2008)

- [22] M. HADIZADEH and GH. KAZEMI, *Error Estimate in the Sinc Collocation Method for the Volterra-Fredholm Integral Equations based on DE Transformation*, **Electron. Trans. Numer. Anal.** 30, 75-87 (2008). **MR.** 2010a:65285

(2007)

- [23] M. HADIZADEH and N. MOATAMEDI, *A New Differential Transformation Approach for Two Dimensional Volterra Integral Equations*, **Int. J. Computer Math.** 84(4), 515-526 (2007). **Zbl.** 1122.65131

(2006)

- [24] P. DARANIA and M. HADIZADEH, *On the RF-pair Operations for the Exact Solution of some Classes of Nonlinear Volterra Integral Equations*, **Math. Probl. Engn.** 97020, 1-11 (2006). **MR.** 2006k:45005
- [25] A. R. ZOKAYI, M. HADIZADEH, P. DARANIA and A. RAJABI, *The Relation between the Emden-Fowler Equation and the Nonlinear Heat Conduction Problem with Variable Transfer Coefficient*, **Commun. Nonlinear Sci. Numer. Simul.** 11, 845-853 (2006). **MR.** 2006k:35144

(2005)

- [26] M. HADIZADEH and M. MOHAMADSOHI, *Numerical Solvability of a Class of Volterra-Hammerstien Integral Equations with Noncompact Kernels*, **J. Appl. Math.** 2, 171-181 (2005). **MR.** 2006k:65388
- [27] M. HADIZADEH and M. ASGARI, *An Efficient Numerical Approximation for the Linear Class of mixed Integral Equations*, **Appl. Math. Comput.** 167, 1090-1100 (2005).

(2004)

- [28] M. HADIZADEH, A. R. ZOKAYI and P. DARANIA, *On the Discrete Group Analysis for Solving some Classes of the Emden-Fowler Equations*, **Appl. Math. Research eXpress** 5, 169-178 (2004).
- [29] M. HADIZADEH and R. AZIZI, *A Reliable Computational Approach for Approximate Solution of Hammerstien Integral Equations of mixed Type*, **Int. J. Computer Math.** 81(7), 889-900 (2004).
- [30] M. HADIZADEH and A. R. ZOKAYI, *Concerning the Action of an Invertible Point Transformation on a Class of Ordinary Differential Equations*, **Appl. Math. Comput.** 147, 347-353 (2004). **MR.** 2004i:34105, **Zbl.** 1035.65069

(2003)

- [31] M. HADIZADEH, *Posteriori Error Estimates for the Nonlinear Volterra-Fredholm Integral Equations*, **Computers Math. Applic.** 45 (4-5), 677-687 (2003). **MR.** 2004b:65211, **Zbl.** 02017219
- [32] M. HADIZADEH and A. H. AMIRASLANI, *Numerical Computation of the Nonlinear Feedback Operators for the Nonquadratic Time-variant Optimal Control Problems*, **Appl. Math. Comput.** 144, 159-168 (2003). **MR.** 2004d:93049, **Zbl.** 1023.65062
- [33] A. R. ZOKAYI and M. HADIZADEH, *On the Volterra-Hammerstien Integral Equations of mixed Type with Exponential Nonlinearity*, **Italian J. Pure and Appl. Math.** 14, 9-21 (2003). **MR.** 2005f:45011

(1999)

- [34] M. HADIZADEH and K. MALEKNEJAD, *A New Computational Method for Volterra-Fredholm Integral Equations*, **Computers. Math. Applic.** 37 (9) 1-8 (1999). **MR.** 2000a:45027, **Zbl.** 0940.65151
- [35] M. HADIZADEH and K. MALEKNEJAD, *The Numerical Analysis of Adomian Decomposition Method for some Nonlinear Turbulent Diffusion Problems*, **Nonlinear Studies** 6 (1), 85-89 (1999). **MR.** 2000b:65237, **Zbl.** 0960.65112
- [36] M. HADIZADEH and K. MALEKNEJAD, *Algebraic Nonlinearity in Volterra-Hammerstien Equations*, **J. Sci. I. R. Iran** 10 (1), 57-62 (1999).

(1998)

- [37] K. MALEKNEJAD and M. HADIZADEH , *A Bound for Adomian Decomposition Series for some Nonlinear Volterra Integral Equations*, **Bull. Iranian Math. Soc.** 24 (1), 47-59 (1998).
- [38] K. MALEKNEJAD and M. HADIZADEH , *Numerical Study of Nonlinear Integro-differential Equations by Adomian Method*, **J. Sci. I. R. Iran** 9 (1), 51-58 (1998).
- [39] M. HADIZADEH and K. MALEKNEJAD, *On the Decomposition Method to the Heat Equation with Nonlinear and Nonlocal Boundary Conditions*, **Kyberentes - Int. J. Sys. Math.** 27 (4), 426-434 (1998). **Zbl.** 0934.65112

(1997)

- [40] M. HADIZADEH and K. MALEKNEJAD, *The Numerical Analysis of Adomian Decomposition Method for Volterra Integral and Integro-differential Equations*, **Int. J. Engng. Sci.** 8 (2a), 33-48 (1997).
- [41] K. MALEKNEJAD and M. HADIZADEH, *A Note on A Nonlinear Problem in Cell Membrane Theory*, **Nonlinear Anal. TMA** 30 (6), 3947-3950 (1997). **Zbl.** 0892.92002

Submitted Papers

- [1] N. MOATAMEDI, M. HADIZADEH and M. R. PEYGHAMI, *A Nonlinear Integral Model of Optimal Replacement: Numerical viewpoint.*

Conference Proceddings and Talks

- [1] *Numerical solution of Hammerstien integral equations by collocation method*, 26th Annual Iranian Mathematics Conference (1995), University of Kerman.
- [2] *Application of the Adomian decomposition method for integro-differential equations*, 27th Annual Iranian Mathematics Conference (1996), University of Shiraz.
- [3] *A note on a nonlinear problem in cell membrane theory*, (with K. Maleknejad) World Congress of Nonlinear Analysts (1996), Athens, Greece.
- [4] *Time discretization scheme for integro-differential equations of parabolic type*, (with K. Maleknejad and B. Tabrizian) 28th Annual Iranian Mathematics Conference (1997), University of Tabriz, Iran.
- [5] *On the decomposition methods in scientific computing*, 3rd Seminar and 24th Competition among Iranian Univ. Students (2000), K. N. Toosi Univ. of Tech.

- [6] *On the weakly singular Volterra-Hammerstien integral equations with noncompact kernels*, The 5th Seminar of Differential Equations and Dynamical Systems (2002), University of Guilan, Rasht.
- [7] *On the discrete group analysis for some classes of Emden-Fowler equations*, (with A. R. Zokayi and P. Darania) The 5th Seminar of Differential Equations and Dynamical Systems (2002), University of Guilan, Rasht.
- [8] *On the efficient discretization for the noncompact behaved kernels of the nonlinear integral equations*, 36th Annual Iranian Mathematics Conference (2005), University of Yazd, Iran.
- [9] *The product integration schemes for weakly singular integral equations*, 37th Annual Iranian Mathematics Conference (2006), University of Azarbaijan, Tabriz, Iran. (Invited Speaker)
- [10] *Representation of solution for the nonlinear operator equations in the reproducing kernel Hilbert spaces*, 16th Seminar on Math. Anal. Applic. (2007), Ferdowsi University of Mashhad, Iran. (Invited Speaker)
- [11] *Numerical modeling of the virtual virus propagation process in computer networks*, (with N. Shayanfar) 38th Annual Iranian Mathematics Conference (2007), University of Zanjan.
- [12] *Integral-Algebraic equations of index-2: Modelling and numerical aspects*, (with F. Ghoreishi and S. Pishbin) 38th Annual Iranian Mathematics Conference (2007), University of Zanjan.
- [13] *A verified solution for a class of nonlinear Volterra integral equations*, (with S. Yazdani) 8th Seminar of Differential Equations, Dynamical Systems and Their Applications (2008), Isfahan University of Technology, Isfahan.
- [14] *A numerical approach based on new orthogonal polynomials for weakly singular integral equations*, (with M. Rasty) 39th Annual Iranian Mathematics Conference (2008), University of Kerman.
- [15] *Interval Solutions for Dynamical Model of a Chemical Reactor*, (with S. Yazdani and F. Ghoreishi) The 2nd Conference and Workshop on Mathematical Chemistry SCWMC09 (2009), Kashan University, Iran.
- [16] *Computer algebraic efficiency of matrix polynomials for system of integral equations*, (with N. Shayanfar) International Symposium on Symbolic and Algebraic Computation (ISSAC 2009), Seoul, Korea.
- [17] *On the Relation between Matrix Polynomial Equations and Bivariate Operator Systems*, (with N. Shayanfar) 40th Annual Iranian Mathematics Conference (2009), Sharif University of Technology, Tehran, Iran.
- [18] *On the approximate solution of nonlinear integral algebraic equations of index-1*, (with F. Ghoreishi and S. Pishbin) 4th Iranian Conference on Applied Mathematics (2010), Zahedan, Iran.
- [19] *On the Approximate solution of integral equations on polygons in \mathbb{R}^2* , (with N. Masoudipour) 41th Annual Iranian Mathematics Conference (2010), University of Urmia.
- [20] *Concerning the Smith form of matrix polynomials for solution of nonlinear system of integral equation*, (with N. Shayanfar) 41th Annual Iranian Mathematics Conference (2010), University of Urmia.
- [21] *Solving Hertz contact problem using polynomial matrices*, (with N. Shayanfar) Mathematical Modelling in Engineering Human Behaviour (2011), Valencia, Spain.
- [22] *The numerical solvability of weakly singular integral-algebraic equations of index-1*, (with F. Ghoreishi and S. Pishbin) 42 Annual Iranian Mathematics Conference (2011), University of Rafsanjan, Iran.
- [23] *Numerical method for an optimal repair replacement model in mathematical economics*, (with M. R. Peighami and N. Moatamedi) 3rd Conference on Financial Mathematics Applications (2013), Semnan University, Iran.
- [24] *A generalization of multistep collocation methods for Two-dimensional Volterra equations*, (with R. Hoseinzadeh and S. Pishbin) 44th Annual Iranian Mathematics Conference (2013), Ferdowsi University of Mashhad, Iran.

Student Advising

Ph.D Students

- [1] N. SHAYANFAR, (2007-2012) (Now postdoctoral fellow at Universidad de Sevilla, Spain)
Ph.D. Thesis: *"On the Generalization of the Canonical forms of Matrix Polynomials for the Solution of Systems of Operator Equations: Theoretical and Numerical Aspects"*
- [2] S. PISHBIN, (joint with Dr. F. Ghoreishi) (2008-2012) (Now assistant professor in Urmia University)
Ph.D. Thesis: *"Numerical Analysis of the Semi-Explicit Integral-Algebraic Equations"*
- [3] N. MOATAMEDI, (joint with Dr. M. R. Peighami) (October 2008) (In Progress).
- [4] R. HEKMATI, (October 2013) (In Progress).

M.Sc. Students

- [1] A. H. AMIRASLANI, (2001) (Now assistant professor in the University of Hawaii, Maui college, USA)
M.Sc. Dissertation: *"Synthesis of Time-variant Optimal Control Problems with Nonquadratic Criteria"*
(Joint with Dr. S. M. Moghadas).
- [2] A. R. HADIPOUR, (2001) M.Sc. Dissertation: *"Numerical Solution of Hammerstien Integral Equations by ID-Wavelet Method"* (Joint with Prof. B. Mehri).
- [3] M. MOHAMADSOHI, (2002) M.Sc. Dissertation: *"Product Integration Methods for the Volterra-Hammersitien Integral Equations with Noncompact Kernels"*.
- [4] R. AZIZI, (2003) (Now faculty member in the IAE University of Karaj)
M.Sc. Dissertation: *"Some Computational Procedures for Approximate Solutions of the Volterra-Hammerstein Integral Equations of mixed type"*.
- [5] M. ASGARI, (2003) (Now faculty member in the IAE University of Gorgan)
M.Sc. Dissertation: *"Numerical Solution of a Linear class of Volterra-Fredholm Integral Equations by the Bivariate Chebyshev Collocation Method"*.
- [6] L. OMID, (2004) M.Sc. Dissertation: *"Computational Methods for Nonlinear Two-dimensional Volterra Integral Equations of the First kind"*.
- [7] A. JAFARI, (2004) (Now assistant professor in the IAE University of Khalkhal)
M.Sc. Dissertation: *"Integral Inequalities and their Applications"*.
- [8] N. MOATAMEDI, (2005) (Now Ph.D. student in K. N. Toosi Univ. of Tech.)
M.Sc. Dissertation: *"Differential Transformation Approach for Numerical Solution of Integral Equations"*.
- [9] GH. KAZEMI, (2005) (Now faculty member in the IAE University of Shirvan)
M.Sc. Dissertation: *"Sinc Collocation Methods for Volterra-Fredholm Integral Equations"*.
- [10] R. HEIDARY, (2005) M.Sc. Dissertation: *"Spectral Methods for the Numerical Analysis of Nonlinear Volterra-Hammerstein Integral Equations"* (Joint with Dr. F. Ghoreishi).
- [11] S. ANDERIANSE, (2006) M.Sc. Dissertation: *"The Numerical Implementation of Wlash Functions for Two-dimensional Integral Equations"*.
- [12] S. SEYED ALAEI, (2006) (Now Ph.D. student in Instituto Superior Tcnico, Portugal)
M.Sc. Dissertation: *"Pseudospectral Methods for Numerical Solution of Integral Equations"* (Joint with Dr. F. Ghoreishi).
- [13] M. AVAJI, (2006) M.Sc. Dissertation: *"Some New Fast Iterative Methods for Integral Equations"*.

- [14] N. SHAYANFAR, (2007) M.Sc. Dissertation: *"The Application of Delay Integral Equations in Virus Propagation Process"*.
- [15] M. SARBOLAND, (2007) (Now Ph.D. student in K. N. Toosi Univ. of Tech.)
M.Sc. Dissertation: *"Using Radial Basis Functions for Partial Differential Equations"* (Joint with Dr. A. AminAtaie).
- [16] M. PAZOUKI, (2008) (Now faculty member in TU Clausthal, Germany)
M.Sc. Dissertation: *"Numeric-Analytic Solutions of Nonlinear Operator Equations in RKHSs"*.
- [17] S. PISHBIN, (2008) M.Sc. Dissertation: *"Numerical solution of Integral-Algebraic Equations"* (Joint with Dr. F. Ghoreishi).
- [18] M. RASTY, (2009) (Now Ph.D. student in RWTH Aachen University, Germany)
M.Sc. Dissertation: *"New Orthogonal Polynomials and their Applications for Nonlinear Weakly Singular Integral Equations"*.
- [19] M. GHASEMI, (2009) M.Sc. Dissertation: *"Convergence Analysis of Chebychev Collocation Method for Integral Equations"*.
- [20] E. MIRSHEKARI, (2009) (Now Ph.D. student in the University of Saskatchewan, Canada)
M.Sc. Dissertation: *"Differential Quadrature Methods and their Applications for Integro-differential Equations"*.
- [21] M. KHASI, (2010)(Now Ph.D. student in Iran Univ. of Science and Tech.)
M.Sc. Dissertation: *"The Numerical Analysis of the State Dependent Delay Integral Equations"* (joint with Dr. F. Ghoreishi).
- [22] S. YAZDANI, (2010) M.Sc. Dissertation: *"Interval Analysis for Solving Operator Equations"* (joint with Dr. F. Ghoreishi).
- [23] S. EBRAHIMZADEH, (2010) (Now Ph.D. student in Iran Univ. of Science and Tech.)
M.Sc. Dissertation: *"The Method of Computing Optimal Control of Volterra Integral Equations"* (joint with Dr. M. R. Peighami).
- [24] N. MASOUDIPOUR, (2011) M.Sc. Dissertation: *"Numerical Integration over Polygons and its Applications for Multivariable Integral Equations"*.
- [25] N. KHANJARY, (2010) M.Sc. Dissertation: *"More on the Teoplitz Matrix Method for Solution of Integral Equations"*.
- [26] M. ZAMANI, (2011) M.Sc. Dissertation: *" Some Economical Models and Related Integral Equations"* (joint with Dr. F. Ghoreishi).
- [27] Z. AMIRHOSSieni, (2011) M.Sc. Dissertation: *" Differential Algebraic Equations and its Applications in Optimal Control Problems"* (joint with Dr. M. R. Peighami).
- [28] M. REZA BEYKI, (2011) M.Sc. Dissertation: *"The Spline Quasi-Interpolants for Weakly Singular Integral Equations"*.
- [29] F. GOUDARZI, (2011) M.Sc. Dissertation: *"Verified Solutions of the Operator Equations and their Numerical Treatments"* (joint with Dr. F. Ghoreishi).
- [30] F. TAHERI, (2011) M.Sc. Dissertation: *"L-Orthogonal Polynomials and their Applications for Integral Equations"*.
- [31] J. AGHDAMI, (2012) M.Sc. Dissertation: *"On the Quadratic Integral Equations and Their Applications"*.
- [32] P. RAZI, (2012) M.Sc. Dissertation: *"Application of Linear Multistep Initial and Boundary Value Methods for Operator Equations"*.
- [33] A. GHOLAMI MOGHADAM, (2013) M.Sc. Dissertation: *"On A Moving Mesh Method for Solving Partial Integro-Differential Equations"*.

- [34] R. HOSSEINZADEH, (2013) M.Sc. Dissertation: *"Multistep Collocation Methods and its Application for Integral Equations"*.
- [35] B. REZAIE, (2013) M.Sc. Dissertation: *"Fast Numerical Methods for Two-Dimensional Fredholm Integral Equations of the Second Kind"*.
- [36] R. MAHMOUDI (In Progress).
- [37] D. CHEHELMIRAN (In Progress).
- [38] M. FARAHANI (In Progress).
- [39] P. AMIRI (In Progress).
- [40] A. GHAEDI (In Progress).

(Last Modified: December 2013)