

دکتر مریم ربیعی کلوزی:

- 1) Ahmadi D. & Rabii M., *A combinatorial model for the dynamics of the family $z(z^n - b)$* , Proc. Of the 26-th Annual Iranian mathematics conference, Kerman, Iran, (1995).
 - 2) Rabii M., *Local connectedness of the Julia set of the family $z^m(z^n - b)$* . Ergodic theory and dynamical system. 18, 457-470 (1998).
 - 3) Rabii M., *The Riemann mapping for the family $z^m(z^n - b)$, $m \neq n$* . Scientia Iranica, Vol. 7, No. 1, 57-61 (2000).
 - 4) Akbari M. & Rabii M., *Hyperbolicity of the family $f_c(x) = c(x - \frac{x^3}{3})$* . Iranian Journal of Mathematical Sciences and Informatics, Vol. 6. No. 1, 53-58 (2011).
 - 5) Rabii M. *The repelling periodic points of rational functions*. Proc. Of the 42-th Annual Iranian mathematics conference, Rafsanjan, Iran, 1271-1274 (2011).
- (۶) مریم ربیعی. «حساب نزد اهل نجوم: رساله ای در حساب شصت گانی». تاریخ علم، ۴۰-۱۷، بهار و تابستان ۱۳۹۱.
- 7) Rabii M. *The combinatorial model of the multibrot set for d=4*. Proc. Of 7-th Seminar on Geometry and Topology, Tehran, Iran, 203-208 (2014).
 - 8) Rabii M. *On the dynamics of the family $ax^d(x-1) + x$* . The 11-th Seminar of Differential Equations and Dynamical systems. Damghan, Iran, 23-25 (2014).
- (۱۰) منیره اکبری و مریم ربیعی "مجموعه ژولیای چند جمله‌ای های چبیشف. فرهنگ و اندیشه ریاضی، شماره ۵۴، ۷۵-۶۵. بهار ۱۳۹۳.
- 11) Akbari M. & Rabii M., *Real cubic polynomial with a fixed point of multiplicity two*. Indagationes Mathematicae, vol. 26. 64-74 (2015).
 - 12) Akbari M. & Rabii M., *The extended real line as a Julia set*. Bull. Korean Math. Soc vol. 52, 1107-1112 (2015).
 - 13) "THE TOPOLOGICAL ENTROPY OF A FAMILY OF CUBIC POLYNOMIALS", with Monire Akbari, INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS, 2007467, NO: 9, VOL: 26, 2016.

۱۴) “عکس قضیه شارکوفسکی ”، منیره اکبری، فرهنگ و اندیشه ریاضی، ۹۷۹، ۶۶، ۴۵۰۰۰۹۷۹، VOL: 39، NO: ۲۰۲۰.

.۱۳۳-۱۱۵

15) “ON THE DYNAMICS OF A GENERALIZED LOGISTIC FUNCTION”, with Monire Akbari, Mathematical Reports, 2011258, NO: 4, VOL: 23, 2021, 373-382.

16) (مقاله در کنفرانس)، “on the dynamics of the family $a^x d(x^{-1})^x$ ”, Seminar of differential equation and dynamical systems, 11493.

دکتر یدالله اردوانی:

مقالات چاپ شده و در حال چاپ

- 1) An application of rationalized Haar functions for variational problems, Applied Mathematics and Computation, 122 (2000) 353-364.
- 2) Solution of differential equations via rationalized Haar functions, Mathematics and Computers in Simulation, 56(2001) 235-246.
- 3) Solution of nonlinear Volterra-Hammerstein integral equations via rationalized Haar functions, Mathematical Problems in Engineering, 7(2001) 205-219.
- 4) Solution for a classical problem in the calculus of variations via rationalized Haar functions, Kybernetica, 37 (5), (2001) 575-583.
- 5) A rationalized Haar functions method for nonlinear Fredholm-Hammerstein integral equations, Intern. J. Computer Math. 79(3) (2002) 333-343.
- 6) Linear quadratic optimal control problems with inequality constraint via rationalized Haar functions, Dynamics of Continuous, Discrete and Impulsive Systems, Series B: Applications & Algorithm 12 (2005) 761-773.
- 7) Solutions of nonlinear Volterra-Fredholm Hammerstein integral equations via rationalized Haar functions, Applied Mathematics and Computation, 180 (2006) 436-443.
- 8) An Application of hybrid of Hartley functions for variational problem, Journal of Science Teacher Training University, 5(4) (2006) 155-164.
- 9) Numerical solution of linear time-varying differential equations using the hybrid of block-pulse and rationalized Haar functions, Journal of Vibration and Control, 12 (2006) 1081-1092.

- 10) Solution of nonlinear Volterra-Fredholm- Hammerstein integral equations via a collocation method and rationalized Haar functions, *Applied Mathematics Letters*, 21 (2008) 4-9.
- ۱۱) حل معادلات انتگرال فردholm همرشتاین با استفاده از توابع هایبرید بلاک-والش، مجله علوم دانشگاه الزهراء، جلد ۲۱، شماره ۱، سال ۱۳۸۷، صفحه ۸۶-۸۷.
- 12) A collocation method for solving nonlinear differential equations via hybrid of rationalized Haar functions, *Journal of Science Teacher Training University*, Vol. 7, No.3 (2007) 223-232.
- ۱۳) مقایسه روش‌های هایبرید لزاندر و هایبرید تیلور در حل معادلات انتگرال-دیفرانسیل آمیخته غیر خطی همرشتاین، مجله علوم دانشگاه الزهراء، جلد ۲۲، شماره ۲، سال ۱۳۸۸، صفحه ۵۲-۶۴.
- 14) Hybrid of rationalized Haar functions method for mixed Hammerstein integral equations, *Amirkabir /MISC/vol. 41/No. 2/(2009)* 53-57.
- 15) Numerical solution of nonlinear Volterra-Hammerstein integral equations using the hybrid of block-pulse and rationalized Haar functions, *Applied Mathematical Sciences*, Vol. 2, 2008,no. 51, 2531-2541.
- 16) Time variant linear systems with time varing delays, Eight Seminar of Differential Equations Dynamical Systems and Their Applications, Isfahan University of Technology, Isfahan, Iran Julay 19-24, 2008, 233-237.
- 17) Solution of Fredholm-Hammerstein integral equations with Walsh-hybrid functions, *International Mathematical Forum*, Vol. 4, 2009,No. 20, 969-976.
- 18) Delay-dependent robust asymptotically stable for linear time variant systems, *Amirkabir /MISC/vol. 41/No. 1/(2009)* 35-40.
- 19) Numerical solution of nonlinear integro-differential equations by using Legendre orthogonal polynomials, *Amirkabir Journal of Science & Technology*, 70 (2009) 27-32.
- 20) An application of Walsh function for Fredholm-Hemmerstein integro differential equations, *International Journal of Contemporary Mathematical Sciences*, Vol. 5, 2010, no. 22, 1055-1063.
- 21) Approximate solution of nonlinear Fredholm integro differential equations with time delay by using Taylor method, *J. Sci. Tarbiat Moallem University*, vol. 9, No. 1, (2011) 73-84.
- 22) Direct Walsh hybrid method for variational problems, *International Journal of Nonlinear Scienec*, Vol. 11, no. 1, (2011)114-120.
- 23) Approximate solutions of differential equations by using the Bernstein polynomials, *ISRN Applied Mathematics*, Vol. 2011(2011), Article ID 787694, 16 page.

- 24) Delay dependent α -stable linear systems with multiple time delays, Contemporary Engineering Sciences, Vol. 4, no. 4,(2011) 165-167.
- 25) Hybrid functions approach for nonlinear constrained optimal control problems, Communications in Nonlinear Science and Numerical Simulations,Vol. 17, Issu 1,(2012) 1831-1843.
- 26) Optimal control for delay systems by using a hybrid functions approximation, J Optim Theory Appl (2012) 153:338-356
DOL: 10.1007/s10957-011-9932-1.
- 27) Application of the Bernstein polynomials for solving the nonlinear Fredholm integro differential equations, Journal of Applied Mathematics & Bioinformatics, Vol. 1, No. 2, (2011) 13-31
- 28) Numerical solution of two-dimensional nonlinear Volterra integral equations by the Legendre polynomials, Journal of Science Teacher Training University, Vol. 11, No. 2 (2012) 195-210.
- 29) Stability and numerical solution of time variant linear systems with delay in both the state and control, Iranian Journal of Mathematical Sciences and Informatics, Vol. 7, No. 1, (2012) 43-57.
- 30) Direct method for variational problems by hybrid of block-pulse and Bernoulli polynomials, Romanian Journal of Mathematics and Computer Science, Vol. 1, (2012) 1-17.
- 31) A second Chebyshev polynomial approach for the wave equation subject to an integral conservation condition, Journal of Information and Computing Science,Vol. 7, No. 3 (2012) 163-167.
- 32) A sinc-collocation method for second-order boundary value problems of nonlinear integro-differential equation, Accepted by Journal of Information and Computing Science, Vol. 7, No. 2, (2012) 151-160.
- 33) Numerical solution of the delay differential equations of pantograph type via Chebyshev polynomials, Journal of Communications in Nonlinear Science and Numerical Simulation, 7 (2012) 4815-4830. (Hot paper and most downloaded)
- ۳۴) روش هم محلی چند جمله ایهای لزاندر برای تقریب جواب معادلات انتگرال-دیفرانسیل فردھلم خطی با تاخیرزمانی، نشریه علوم دانشگاه تربیت معلم، جلد ۱۲، شماره ۱، سال ۱۳۹۱، صفحه ۲۸۰-۲۶۹.
- 35) Hybrid functions approach for optimal control of systems described by integro-differential equations, Applied Mathematical Modelling, 37 (2012) 3355-3368.
- 36) Numerical solution of a class of two-dimensional nonlinear Volterra integral equations using Legendre polynomial, Journal of Computational and Applied Mathematics, 242 (2013) 53-69.

37) Numerical solution of two-dimensional integral-algebraic systems using Legendre functions, *Numerical Analysis and Applied Mathematics ICNAAM 2012* AIP Conf. Proc. 1479, 246-249 (2012); doi: 10.1063/1.4756109

© 2012 American Institute of Physics 978-0-7354-1091-6/\$30.00

38) Legendre expansion methods for the numerical solution of nonlinear 2D Fredholm integral equations of the second kind, *Journal of Applied Mathematics and Informatics*, 31(2013), No. 5-6. pp. 609-612.

39) Tau numerical solution of the Volterra-Fredholm Hammerstein integro-differential equations with the Bernstein multi-scaling functions, *Journal of Information and Computing Science*, Vol. 8, No. 4,(2013) 243-255.

40) Solving Fredholm integral equations with Bernstein multi-scaling functions, *Jounal of Science Kharazmi University*, Vol. 13, No. 2(2013) 305-320.

41) On spectral method for Volterra functional integro-differential equations of neutral type, *Numerical Functional Analysis and Optimization*, 35(2), (2014)223-239.

42) Hybrid functions approach for duffing equation, *Physica Scripta*, 88(2013) 025002 (Bpp).

43) Numerical solution of Volterra-Fredholm-Hammerstein integral equations by the Tau method with the Bernstein multi-scaling functions, *The International Journal of Nonlinear Science*, Vol. 20, No. 3(2015) 179-192.

44) Numerical solution of the nonlinear Fredholm-Volterra-Hammerstein integral equations via Bessel functions, *Journal of Information and Computing Science*, Vol. 9, No. 2 (2014) 123-131.

45) An application of Bessel function for solving nonlinear Fredholm-Volterra- Hammerstein integro-differential equations, *Journal of Science Kharazmi University* Vol. 13, No. 2(2013) 347-362.

46) Solving fractional nonlinear Fredholm Integro-differential equations via hybrid of rationalized Haar functions, *Journal of Information and Computing Science*, Vol. 9, No. 3 (2014) 169-180.

47) Application of the second-kind Chebyshev polynomials for the nonlinear age-structured population models, *U.P.B.Sci. Bull., Series A*, Vol. 77(2015) 155-166.

48) Bernolulli wavelet operational matrix of fractional order Integration and its applications in solving the fractional order differential equations, *Applied Mathematical Modeling*, 38(2014) 6038-6051.

49) Numerical solution of fractional Volterra integro- differential equations via the rationalized Haar functions, *Journal of Science Kharazmi University* Vol. 14, No. 3(2014) 211-224.

- 50) Exponential stability of linear systems with multiple time delays, Journal of Science Kharazmi University,(accepted)
- 51) A numerical solution for fractional optimal control problems via Bernoulli polynomial, Journal of Vibration and Control, Vol. ,(2015) 1-15.
- 52) Bernoulli wavelets method for solution of fractional differential equations in a large interval, Journal of Science Kharazmi University,(accepted)
- 53) Numerical solution of two-dimensional nonlinear Volterra integral equations using Bernstein polynomials, Journal of Information and Computing Science, Vol. 10, No. 3 (2015) 178-188.
- 54) Solving nonlinear two-dimensional Volterra integral equations of the first-kind using the bivariate shifted Legendre functions, International Journal of Mathematical modelling & Computations, Vol. 5, No. 3 (2015) 219-230.
- 55) Application of the hybrid functions to solve neutral delay functional differential equations, International Journal of Computer Mathematics,(Accepted)
- 56) Numerical solution of two-dimensional nonlinear Volterra integro- differential equations by Tau method, Journal of Information and Computing Science, Vol. 11, No. 2, (2016) 101-110.
- 57) Application of the Bessel-Hybrid functions for the linear Fredholm-Volterra integro-differentail equations, Romanian Journal of Mathematics and Computer Science, Vol. 5 (2015), issue 2, 164-177.
- 58) Hybrid of Rationalized Haar Functions Method for Solving Differential Equations of Fractional Order, International Journal of Mathematical modelling & Computations, (Accepted)
- 59) Fractional-order Bernoulli wavelets and their applications, Applied Mathematical Modelling, (Accepted)
- 60) A new operational matrix based on Bernoulli wavelets for solving fractional delay differential equations, Numerical Algorithm, (Accepted)
- 61) Numerical solution of fractional pantograph differential equations by using generalized fractional-order Bernoulli wavelet, Journal of Computational and Applied Mathematics, (Accepted, Jun 2016)
- 62) Numerical Solution of Linear Fredholm-Volterra Integro- Differential Equations of Fractional Order, World Journal of Modelling and Simulation, (Accepted, Jun 2016)
- 63) “A hybrid functions approach for the Duffing equation”, with S Mashayekhi and M Razzaghi, PHYSICA SCRIPTA, 2013215, NO: 88, (2013), 1-8.

- 64) "Numerical Solution of Two-dimensional Nonlinear Volterra Integro-differential Equations by Tau Method", with Faeze Safari, Journal of Information and Computing Science, 16, NO: 2, VOL: 11, 2016, 101-110.
- 65) "An efficient approximate method for solving delay fractional optimal control problems", with Parisa Rahimkhani and Esmail Babolian, NONLINEAR DYNAMICS, 2012350, NO: 16, 2016.
- 66) "An effcient approximate method for solution of the heat equation using Laguerre-Gaussians radial functions", with Marziyeh Khaksarfard and Esmail Babolian, Computational Methods for Differential Equations, 450000021, NO: 2, VOL: 4, 2016, 323-334.
- 67) "The Boubaker polynomials and their application to solve fractional optimal control problems", with Kobra Rabiea and Babolian Esmaeil, NONLINEAR DYNAMICS, 2012350, NO: 2, VOL: 88, 2017, 1013-1026.
- 68) "Fractional-order Legendre wavelets and their applications for solving fractional-order di erential equations with initial/boundary conditions", with Parisa RahimKhani and and Esmail Babolian, Computational Methods for Differential Equations, 450000021, NO: 2, VOL: 5, 2017, 117-140.
- 69) "Fractional-order Bernoulli functions and their applications in solving fractional FredholemVolterra integro-differential equations", with Parisa RahimKhani and and Esmail Babolian, APPLIED NUMERICAL MATHEMATICS, 2000667, VOL: 122, 2017, 66-81.
- 70) "کاربرد چند جمله ای های برنولی در حل معادلات انتگرال-دیفرانسیل کسری"؛ کبری ربیعی، پدافند الکترونیکی و سایبری، ۱۰۳-۱۱۰، ۲۰۱۷، NO: 1، ۴۵۰۰۰۰۳۷.
- 71) "Application of fractional0order Bernoulli functions for solving fractional Riccati diffrential equation", with Parisa RahimKhani and and Esmail Babolian, International Journal of Nonlinear Analysis and Applications, 450000060, NO: 2, VOL: 8, 2017, 277-292.
- 72) "The Taylor wavelets method for solving the initial and boundary value problems of Bratu0type equations", with Elgham K.dayati and Mohsen Razaghi, APPLIED NUMERICAL MATHEMATICS, 2000667, VOL: 128, 2018, 205-216.
- 73) "Numerical Solution of 1D and 2D Fractional Optimal Control of System via Bernoulli Polynomials", with Kobra Rabiyi and Esmail Babolian, International Journal of Applied and Computational Mathematics, 300038691, NO: 1, VOL: 4, 2018.
- 74) "Muntz Legendre wavelet operational matrix of fractional0order integration and its applications for solving the fractional pantograph differential equations", with Parisa RahimKhani and Esmail Babolian, NUMERICAL ALGORITHMS, 2012464, NO: 4, VOL: 77, 2018, 1283-1305.
- 75) "Fractional-order LegendreLaguerre functions and their applications in fractional partial differential equations", with Haniye Dehestani and Mohsen Razaghi, APPLIED MATHEMATICS AND COMPUTATION, 2000658, VOL: 336, 2018, 433-453.

- 76) "Numerical approach based on fractional-order Lagrange polynomials for solving a class of fractional differential equations", with Sedighe Saber Mahani and Sohrabali Yusefi, COMPUTATIONAL and APPLIED MATHEMATICS, 2003711, VOL: 37, 2018, 3846-3868.
- 77) "Fractional-order Boubaker functions and their applications in solving delay fractional optimal control problems", with Kobra Rabiyi and Esmail Babolian, JOURNAL OF VIBRATION AND CONTROL, 2010526, VOL: 24, 2018, 3370-3383.
- 78) "A numerical technique for solving fractional variational problems by MntzLegendre polynomials", with Parisa Rahimkhani, Journal of Applied Mathematics and Computing, 2516908, VOL: 58, 2018, 75-94.
- 79) "Space-time radial basis function collocation method for one-dimensional advection-diffusion problem", with Marzie Khaksarifad and Mir Sajjad Hashemi and Kobra Karimi, Computational Methods for Differential Equations, 450000021, NO: 4, VOL: 6, 2018, 426-437.
- 80) "Application of Mntz-Legendre polynomials for solving the Bagley-Torvik equation in a large interval", with Parisa Rahimkhani, sema journal, 413, NO: 3, VOL: 75, 2018, 517-533.
- 81) "A Numerical Scheme for Solving Nonlinear Fractional Volterra Integro-Differential Equations", with Parisa Rahimkhani and Esmail Babolian, Iranian Journal of Mathematical Sciences and Informatics, 450000106, NO: 2, VOL: 13, 2018, 111-132.
- 82) "Numerical Studies for Fractional Pantograph Differential Equations Based on Piecewise Fractional-Order Taylor Function Approximations", with Parisa Rahimkhani, Iranian Journal of Science and Technology Transaction A-Science, 2007994, VOL: 42, 2018, 2131-2144.
- 83) "Fractional-Order Legendre Functions and Their Application to Solve Fractional Optimal Control of Systems Described by Integro-differential Equations", with Kobra Rabiyi and Esmail Babolian, ACTA APPLICANDAE MATHEMATICAE, 2005595, VOL: 158, 2018, 87-106.
- 84) "Boubaker hybrid functions and their application to solve fractional optimal control and fractional variational problems", with Kobra Rabiyi, Applications of Mathematics, 2000646, VOL: 63, 2018, 541-567.
- 85) "Numerical solution a class of 2D fractional optimal control problems by using 2D Mntz-Legendre wavelets", with Parisa Rahimkhani, OPTIMAL CONTROL APPLICATIONS and METHODS, 2012687, VOL: 39, 2018, 1916-1934.
- 86) "Rational Wavelets and Their Application for Solving the Heat Transfer Equations in Porous Medium", with Parisa Rahimkhani, International Journal of Applied and Computational Mathematics, 300038691, VOL: 4, 2018.
- 87) "A numerical scheme based on Bernoulli wavelets and collocation method for solving fractional partial differential equations with Dirichlet boundary conditions", with Parisa

Rahimkhani, NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, 2012470, NO: 1, VOL: 35, 2019, 34-59.

88) "حل عددی مسائل کنترل بهینه کسری تأخیری با استفاده از توابع کلاهی بهبود یافته", نعمتی سمیه, پژوهش های ریاضی, ۲۴۱-۲۵۸, ۲۰۱۹, VOL: 4, NO: 2, ۴۵۰...۴۶۰.

89) "An approximate method for solution of nonlocal boundary value problems via Gaussian radial basis functions", with Marzie Khaksarifad and Esmail Babolian, sema journal, 413, NO: 1, VOL: 76, 2019, 123-142.

90) "Generalized fractional-order Bernoulli-Legendre functions: an effective tool for solving two-dimensional fractional optimal control problems", with Parisa Rahimkhani, MA JOURNAL OF MATHEMATICAL CONTROL AND INFORMATION, 2007144, NO: 1, VOL: 36, 2019, 185-212.

91) "The Bernoulli Wavelets Operational Matrix of Integration and its Applications for the Solution of Linear and Nonlinear Problems in Calculus of Variations", with Elham K. Hedayati and Mohsen Razaghi, APPLIED MATHEMATICS AND COMPUTATION, 2000658, VOL: 351, 2019, 83-98.

92) "Numerical solution of nonlinear mixed Fredholm-Volterra integrodifferential equations of fractional order by Bernoulli wavelets", with Elham K. Hedayati and Mohsen Razaghi, Computational Methods for Differential Equations, 450000021, NO: 2, VOL: 7, 2019, 163-176.

93) "An improved composite collocation method for distributed-order fractional differential equations based on fractional Chelyshkov wavelets", with Parisa Rahimkhani and Pedro Lima, APPLIED NUMERICAL MATHEMATICS, 2000667, VOL: 145, 2019, 1-27.

94) "Fractional-order Lagrange polynomials: An application for solving delay fractional optimal control problems", with Sedighe Sabermahani and Sohrabali Yousefi, TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, 2016074, NO: 11, VOL: 41, 2019, 2997-3009.

95) "A fast numerical algorithm based on the Taylor wavelets for solving the fractional integro-differential equations with weakly singular kernels", with Elham K. Hedayati, MATHEMATICAL METHODS IN THE APPLIED SCIENCES, 2011247, NO: 13, VOL: 42, 2019, 4427-4443.

96) "A numerical technique for solving various kinds of fractional partial differential equations via Genocchi hybrid functions", with Hanie Dehestani and Mohsen Razaghi, Revista de la Real Academia de Ciencias Exactas Fisicas y Naturales Serie A-Matematicas, 2014435, VOL: 113, 2019, 3297-3321.

97) "On the applicability of Genocchi wavelet method for different kinds of fractional-order differential equations with delay", with Hanie Dehestani and Mohsen Razaghi, NUMERICAL LINEAR ALGEBRA WITH APPLICATIONS, 2012468, VOL: 26, 2019, 1-29.

- 98) "Solving fractional pantograph delay differential equations via fractional-order Boubaker polynomials", with Kobra Rabiei, ENGINEERING WITH COMPUTERS, 2003446, NO: 4, VOL: 35, 2019, 1431-1441.
- 99) "Hybrid functions for numerical solution of fractional Fredholm-Volterra functional integro-differential equations with proportional delays", with Hanie Dehestani and Mohsen Razaghi, INTERNATIONAL JOURNAL OF NUMERICAL MODELLING-ELECTRONIC NETWORKS DEVICES AND FIELDS, 2007699, NO: 5, VOL: 32, 2019, PP: e2606.
- 100) "Convergence Analysis of Spectral Method for Neutral Multi-pantograph Equations", with Salme Sedaghat and Somayye Nemati, Iranian Journal of Science and Technology Transaction A-Science, 2007994, NO: 5, VOL: 43, 2019, 2261-2268.
- 101) "Fibonacci wavelets and their applications for solving two classes of time-varying delay problems", with Sedighe Sabermahani and Sohrabali Yousefi, OPTIMAL CONTROL APPLICATIONS and METHODS, 2012687, NO: 41, 2019, 1-22.
- 102) "Application of the modified operational matrices in multiterm variable-order time-fractional partial differential equations", with Hanie Dehestani and Mohsen Razaghi, MATHEMATICAL METHODS IN THE APPLIED SCIENCES, 2011247, NO: 18, VOL: 42, 2019, 7296-7313.
- 103) "Fractional-order Bessel functions with various applications", with Hanie Dehestani and Mohsen Razaghi, Applications of Mathematics, 2000646, VOL: 64, 2019, 637-662.
- 104) "کنترل کلاسی از سیستم های مرتبه کسری با تاخیر در یک ناحیه مشخص", نرگس طهماسبی و حجت الله احسانی طهرانی، مکانیک سازه ها و شاره ها، ۱۲۳۹، ۴۵۰۰۱۲۳۹، NO: 3، VOL: 9، ۲۰۱۹، ۵۱-۶۳.
- 105) "Approximate solution of nonlinear fractional integro-differential equations using fractional alternative Legendre functions", with Parisa Rahimkhani, JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, 2008709, VOL: 365, 2020, PP: 112365.
- 106) "Numerical Technique for Solving Fractional Generalized Pantograph-Delay Differential Equations by Using Fractional-Order Hybrid Bessel Functions", with Hanie Dehestani and Mohsen Razaghi, International Journal of Applied and Computational Mathematics, 300038691, NO: 1, VOL: 6, 2020.
- 107) "A Novel Lagrange Operational Matrix and Tau-Collocation Method for Solving Variable-Order Fractional Differential Equations", with Sedighe Sabermahani and Pedro lima, Iranian Journal of Science and Technology Transaction A-Science, 2007994, VOL: 44, 2020, 127-135.

- 108) "Fractional-order general Lagrange scaling functions and their applications", with Sedighe Sabermahani and YousefAli Sohrabi, BIT NUMERICAL MATHEMATICS, 2001165, VOL: 60, 2020, 101-128.
- 109) "Fractional-order Fibonacci-hybrid functions approach for solving fractional delay differential equations", with Sedighe Sabermahani and Sohrabali Yousefi, ENGINEERING WITH COMPUTERS, 2003446, NO: 2, VOL: 36, 2020, 795-806.
- 110) "Two dimensional Muntz Legendre hybrid functions theory and applications for solving fractional order partial differential equations", with Sedighe Sabermahani and Sohrabali Yousefi, COMPUTATIONAL and APPLIED MATHEMATICS, 2003711, VOL: 39, 2020.
- 111) "The bivariate Muntz wavelets composite collocation method for solving spac time fractional partial differential equations", with Parisa Rahimkhani, COMPUTATIONAL and APPLIED MATHEMATICS 2003711, VOL: 39, 2020.
- 112) "Fractional-order Bessel wavelet functions for solving variable order fractional optimal control problems with estimation error", with Hanie Dehestani and Mohsen Razaghi, INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE, 2007827, NO: 6, VOL: 51, 2020, 1032-1052.
- 113) "Computational method for generalized fractional Benjamin-Bona-Mahony-Burgers equations arising from the propagation of water waves", with Hanie Dehestani and Mohsen Razaghi, SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, 2014765, VOL: 45, 2020.
- 114) "A new operational matrix based on Boubaker wavelet for solving optimal control problems of arbitrary order", with Kobra Rabiei, TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, 2016074, NO: 10, VOL: 42, 2020, 1858-1870.
- 115) "Fractional-Order Genocchi-Petrov-Galerkin Method for Solving Time-Space Fractional Fokker-Planck Equations Arising from the Physical Phenomenon", with Hanie Dehestani and Mohsen Razaghi, International Journal of Applied and Computational Mathematics, 300038691, VOL: 6, 2020.
- 116) "Hybrid Taylor and block-pulse functions operational matrix algorithm and its application to obtain the approximate solution of stochastic evolution equation driven by fractional Brownian motion", with Nasrin Samadyar and Farshid Mirzayi, Communications in Nonlinear Science and Numerical Simulation, 2001911, VOL: 90, 2020, PP: 105346.
- 117) "The couple of Hermite-based approach and Crank-Nicolson scheme to approximate the solution of two dimensional stochastic diffusion-wave equation of fractional order", with Nasrin Samadyar and Farshid MirZayi, ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS, 2003433, VOL: 118, 2020, 285-294.

- 118) "Application of fractional Gegenbauer functions in variable-order fractional delay-type equations with non-singular kernel derivatives", with Hanie Dehestani and Mohsen Razaghi, CHAOS SOLITONS and FRACTALS, 2004733, VOL: 140, 2020, PP: 110111.
- 119) "Numerical Solution of Volterra-Hammerstein Delay Integral Equations", with Parisa Rahimkhani, Iranian Journal of Science and Technology Transaction A-Science, 2007994, VOL: 44, 2020, 445-457.
- 120) "Numerical solution of fractional partial differential equations by using radial basis functions combined with Legendre wavelets", with Parisa Rahimkhani, Journal of Mathematical Modeling, 300038844, NO: 4, VOL: 8, 2020, 435-454.
- 121) "A new operational matrix of Müntz-Legendre polynomials and Petrov- Galerkin method for solving fractional Volterra-Fredholm integro differential equations", with Sedighe Sabermahani, Computational Methods for Differential Equations, 450000021, NO: 3, VOL: 8, 2020, 408-423.
- 122) "Numerical Solution of Fractional Optimal Control Problems with Inequality Constraint Using the Fractional-Order Bernoulli Wavelet Functions", with Forugh valian and Mohammad Ali Vali, Iranian Journal of Science and Technology-Transactions of Electrical Engineering, 2007996, VOL: 44, 2020, 1513-1528.
- 123) "The novel operational matrices based on 2D-Genocchi polynomials: solving a general class of variable-order fractional partial integro-differential equations", with Hanie Dehestani and Mohsen Razaghi, COMPUTATIONAL and APPLIED MATHEMATICS, 2003711, VOL: 39, PP: 259, 2020.
- 124) "NUMERICAL SOLUTION OF VARIABLE-ORDER TIME FRACTIONAL WEAKLY SINGULAR PARTIAL INTEGRO-DIFFERENTIAL EQUATIONS WITH ERROR ESTIMATION", with Hanie Dehestani and Mohsen Razaghi, Mathematical Modelling and Analysis, 2011249, VOL: 25, 2020, 680-701.
- 125) "Combination of Lucas wavelets with Legendre-Gauss quadrature for fractional Fredholm-Volterra integro-differential equations", with Hanie Dehestani and Mohsen Razaghi, 2008709, VOL: 382, 2021, PP: 113070.
- 126) "Numerical investigation of distributed-order fractional optimal control problems via Bernstein wavelets", with Parisa Rahimkhani, OPTIMAL CONTROL APPLICATIONS and METHODS, 2012687, NO: 1, VOL: 42, 2021, 355-373.
- 127) "توابع کاردینال هرمیت و کاربرد آنها در حل مسأله کنترل بهینه کسری تأخیری", با همکاری فائزه سادات یوسفی، پدافند الکترونیکی و سایبری، ۳۷۰، ۴، ۴۵۰۰۰۰۳۷۰، VOL: 8، NO: 4، ۱۶۰-۱۵۳ و ۲۰۲۱.
- 128) "A novel direct method based on the Lucas multiwavelet functions for variable?order fractional reaction?diffusion and subdiffusion equations", with Hanie Dehestani and Mohsen

Razaghi, NUMERICAL LINEAR ALGEBRA WITH APPLICATIONS, 2012468, NO: 2, VOL: 28, 2021.

129) “یک روش عددی بر اساس ماتریس عملیاتی برای حل معادلات دیفرانسیل تاخیری کسری ”، با همکاری رحیم خانی پریسا، پژوهش های ریاضی، ۴۵۰۰۰۴۶۰، VOL: 6, NO: 4, ۵۹۲-۵۷۹.

130) “Modified wavelet method for solving fractional variational problems”, with Hanie Dehestani and Mohsen Razaghi, JOURNAL OF VIBRATION AND CONTROL, 2010526, VOL: 27, 582-596, 2021.

131) “General Lagrange-hybrid functions and numerical solution of differential equations containing piecewise constant delays with bibliometric analysis”, with Sedighe Sabermahani, APPLIED MATHEMATICS AND COMPUTATION, 2000658, VOL: 395, 2021, PP: 125847.

132) “Orthonormal Bernoulli wavelets neural network method and its application in astrophysics”, with Parisa Rahimkhani, COMPUTATIONAL and APPLIED MATHEMATICS, 2003711, VOL: 40, 2021.

133) “An improved numerical technique for distributed order time-fractional diffusion equations”, with Hanie Dehestani and Mohsen Razaghi, NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, 2012470, VOL: 37, 2021, 2490-2510.

134) “A computational method based on Legendre wavelets for solving distributed order fractional differential equations”, with Parisa Rahimkhani, Journal of Mathematical Modeling, 300038844, NO: 3, VOL: 9, 2021, 501-516.

135) “Solving of partial differential equations with distributed order in time using fractional-order Bernoulli-Legendre functions”, with Parisa Rahimkhani, Computational Methods for Differential Equations, 450000021, NO: 3, VOL: 9, 2021, 799-817.

136) “Fibonacci wavelets and Galerkin method to investigate fractional optimal control problems with bibliometric analysis”, with Sedighe Sabermahani, JOURNAL OF VIBRATION AND CONTROL, 2010526, NO: 15-16, VOL: 27, 2021, 1778-1792.

137) “Pseudo-operational matrix method for the solution of variable-order fractional partial integro-differential equations”, with Hanie Dehestani and Mohsen Razaghi, ENGINEERING WITH COMPUTERS, 2003446, NO: 3, VOL: 37, 2021, 1791-1806.

138) “Modified wavelet method for solving multitype variable-order fractional partial differential equations generated from the modeling of phenomena”, with Hanie Dehestani and Mohsen Razaghi, mathematical sciences, 2232353, 2021.

139) “A modified numerical algorithm based on fractional Euler functions for solving time-fractional partial differential equations”, with Hanie Dehestani, INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, 2007525, NO: 10, VOL: 98, 2078-2096, 2021.

- 140) "General Lagrange scaling functions: application in general model of variable order fractional partial differential equations", with Sedighe Sabermahani and Hosein Hasani, COMPUTATIONAL and APPLIED MATHEMATICS, 2003711, VOL: 40, 2021.
- 141) "Developing the discretization method for fractal?fractional two?dimensional Fredholm-Volterra integro?differential equations", with Hanie Dehestani, MATHEMATICAL METHODS IN THE APPLIED SCIENCES, 2011247, NO: 18, VOL: 44, 2021, 14256-14273.
- 142) "An efficient approach based on Legendre-Gauss-Lobatto quadrature and discrete shifted Hahn polynomials for solving Caputo-Fabrizio fractional Volterra partial integro-differential equations", with Hanie Dehestani, JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, 2008709, VOL: 403, 2022, PP: 113851.
- 143) "A spectral framework for the solution of fractional optimal control and variational problems involving Mittag-Leffler nonsingular kernel", with Hanie Dehestani, JOURNAL OF VIBRATION AND CONTROL, 2010526, VOL: 28, 2022, 260-275.
- 144) "A Spectral Approach for Time-Fractional Diffusion and Subdiffusion Equations in a Large Interval", with Sedighe Sabermahani and Hosein Hasani, Mathematical Modelling and Analysis, 2011249, NO: 1, VOL: 27, 2022, 19-40.
- 145) "Fractional-Lucas optimization method for evaluating the approximate solution of the multi-dimensional fractional differential equations", with Sedighe Sabermahani and Hosein Hasani, ENGINEERING WITH COMPUTERS, 2003446, NO: 1, VOL: 38, 2022, 481-495.
- 146) "Numerical solution for a class of fractional optimal control problems using the fractional-order Bernoulli functions", with Forugh Valian and Mohammadali Vali, TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL, 2016074, NO: 8, VOL: 44, 1635-1648, 2022.
- 147) "Touchard wavelet technique for solving time-fractional Black-Scholes model", with Farshid Nurian and mehrdad Lakestani and Sedighe Sabermahani, COMPUTATIONAL and APPLIED MATHEMATICS, 2003711, NO: 4, VOL: 41, 2022, 1-19.
- 148) "Application of Two-Dimensional Fibonacci Wavelets in Fractional Partial Differential Equations Arising in the Financial Market", with Sedighe Sabermahani and Parisa Rahimkhani, International Journal of Applied and Computational Mathematics, 300038691, NO: 3, VOL: 8, 2022.
- 149) "Numerical solution of variable order fractional differential equations by using shifted Legendre cardinal functions and Ritz method", with Faeze sadat Yousefi and Sohrabali Yousefi, ENGINEERING WITH COMPUTERS, 2003446, VOL: 38, 2022, 1977-1984.

150) "Numerical Evaluation of Variable-Order Fractional Nonlinear Volterra Functional-Integro-Differential Equations with Non-singular Kernel Derivative", with Hanie Dehestani, Iranian Journal of Science and Technology Transaction A-Science, 2007994, VOL: 46, 2022, 405-419.

151) "Composition of Euler Scaling Functions with the Optimization Method for Fractional Hyperbolic and Reaction-Diffusion Equations with Nonlocal Boundary Conditions", with Hanie Dehestani, NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, 2012465, NO: 7, VOL: 43, 816-837, 2022.

دکتر علی مردان شاهرضايی:

الف: مقالات چاپ شده در مجلات:

- 1) A. Shidfar, A.M. Shahrezaee and M.Gorshasbi , A method for solving an inverse biharmonic problem, *J. math. Anal. Appl.* **302**(2005)457-462.
- 2) A.M. Shahrezaee and M. Rostamian, Determination of a source term and boundary heat flux in an inverse heat equation, *J. Inf. Com. Sci.* **8(2)**(2013)103-114.
- 3) A.M. Shahrezaee, A boundary integral method for solving inverse elliptic problem, *Sout. Asi. Bull. Math.* **33** (5) (2009) 929-935 .
- 4) A. Mohebbi, Z. Asgari and A.M. Shahrezaee, Fast and high accuracy numerical methods for the solution of nonlinear Klein-Gordon equations, *Z. Naturforsch.* **66a** (2011)735-744
- 5) F. Davoodi, A. Abbas Nejad, A.M. Shahrezaee and M. J. Maghrebi, Control parameter estimation in a semi- linear parabolic inverse problem using a high accurate method, *Appl. Math. Com.* **218**(2011)1798-1807.
- 6) A.M. Shahrezaee and M. Hoseini Nia, Solution of some parabolic inverse problems by Adomian decomposition method, *Appl. Math.Sci.* **5(80)**(2011)3949-3958.
- 7) A. Shidfar and A.M. Shahrezaee, A method for solving an inverse biharmonic problem, *Amirkabir J. Sci. Tech.* **14(53)**(2003)20-25.
- 8) A. Shidfar and A.M. Shahrezaee, Existence, uniqueness, and unstability results for an inverse heat conduction problem, *Int. J. Appl. Math.* **9(3)**(2002)253-258.
- 9) A.M. Shahrezaee, A meshless method for solving an inverse time-dependent heat source problem, *J.Sci. Kharazmi uni.*, accepted for publication.

- 10) F. Parzlivand and A.M. Shahrezaee, Identifying an unknown coefficient in the reaction-diffusion equation using He's VIM, *Int. J. Inf. Com. Sci.*, accepted for publication
- 11) M. Rostamian and A. M. Shahrezaee, A meshless method for numerical solution of inverse reaction-diffusion-convection problem, *J. Adv. Res. Appl. Math.* 13(2)(2013)363-372.
- 12) M. Rostamian and A.M. Shahrezaee, The VIM for solving a nonlinear inverse parabolic problem, *J. Inf. Com. Sci.*, accepted for publication.

۱۳) سهیلا بداغی و علی مردان شاه رضایی، مقایسه دو روش برای حل یک مسئله معکوس سهموی با پارامتر کنترلی، *مجله علوم دانشگاه خوارزمی*(تربیت معلم)، جلد ۱۰- شماره ۱، بهار ۱۳۹۱، ۶۶۳-۶۷۲

۱۴) معصومه حسینی نیا و علی مردان شاه رضایی، حل برخی مسائل معکوس سهموی به روش تجزیه آدومیان، *محله علوم دانشگاه خوارزمی*(تربیت معلم)، جلد ۱۲- شماره ۱، زمستان ۱۳۹۱، ۳۲۶-۳۱۳

۱۵) عبدالله شیدفر و علی مردان شاه رضایی، روش جوابهای بنیادی برای حل عددی مسائل بایهارمونیک سه بعدی، *محله‌ی بین المللی علوم مهندسی*، ۱۳۷۸، صفحه ۱۴-۱، دانشگاه علم و صنعت ایران.

۱۶) علی مردان شاه رضایی، ارایه الگوریتم برای تعیین خطای قطع موضعی؛ سازگاری و تقلیل خطا در روش‌های تفاضلی برای حل عددی معادلات دیفرانسیل با مشتقات جزئی سهموی بدون استفاده از بسط تیلور، *محله علوم پایه دانشگاه الزهرا(س)*، جلد ۲۲-شماره ۲-۱۳۸۸

۱۷) علی مردان شاه رضایی، مباحثی در معادلات با مشتقات جزئی مرتب زوج(بیضوی)، *محله علوم پایه دانشگاه الزهرا(س)*، ۱۳۹۰

ب: مقالات چاپ شده در کنفرانس‌ها:

- 18) A. Shidfar and A. M. Shahrezaee, An inverse nonlinear biharmonic problem, Proceedings of 3rd Iranian Mathematics Conference, University of Tehran, pp. 116-121, 2000.
- 19) A. Shidfar and A. M. Shahrezaee, Biharmonic Fundamental Solution of some Bending Problems, Proceeding of 32nd Iranian Mathematics Conference 27-30 Aug. 2001.
- 20) A.M. Shahrezaee and E. Kheradmand, Numerical method for solving one space dimensional fourth order non homogeneous inverse parabolic problem,
- 21) M. Hoseine Nia and A.M. Shahrezaee, Solution of some inverse heat conduction problem with unknown boundary conditions by Adomian decomposition method and differential transform method,

- 22) F. Davoodi , A.M. Shahrezaee and A. Abbas Nejad, Compact finite difference scheme for the solution of parabolic inverse problems, 1st international symposium on computing in science & engineering, 2010.
- 23) F. Parzlivand and A.M. Shahrezaee, USE OF RADIAL BASIS FUNCTIONS METHOD FOR SOLVING TWO-POINT BOUNDARY VALUE PROBLEMS AND COMPARISON WITH OTHER METHODS,
- 24) The 10th Seminar on Differential Equations, 2013, pp. 183-186
- 25) M. Rostamian and A. M. Shahrezaee, The method of fundamental solutions to the one-dimensional reaction-diffusion equation, The 10th Seminar on Differential Equations, 2013, pp. 198-201 .

(۲۶) عبداله شیدفر، مهدی بیدآبادی، علی مردان شاه رضائی و محمد صدیقی، حل مساله معکوس هدایت گرمایی بر روی دماغه شاتل، دومین کنفرانس علمی کاربردی سازمان صنایع هوافضا، تهران، ۱۳۸۱

(۲۷) عبداله شیدفر و علی مردان شاه رضائی، مقاوم سازی در صنعت، دانشگاه تبریز(امین کنفرانس ریاضی)، ۱۳۷۶

(۲۸) عبداله شیدفر و علی مردان شاه رضائی، مسائل معکوس با یهارمونیک غیرخطی سه بعدی ، دانشگاه علم و صنعت ایران(۲ امین کنفرانس ریاضی کاربردی)، ۱۳۸۱

(۲۹) فهیمه داوودی، علی مردان شاهرضائی و علی عباس نژاد، حل مساله معکوس سهموی با استفاده از یک روش عددی با دقت بالا، هشتمین سمینار معادلات دیفرانسیل، سیستم‌های دینامیکی و کاربردهای آن، اصفهان، ۱۳۸۷،

ج : ارائه پوستر یا خلاصه مقاله چاپ شده در کنفرانس‌ها:

(۳۰) علی مردان شاهرضائی و معصومه حسینی نیا ، حل برخی مساله هدایت گرمایی معکوس ناهمگن باتابع کنترلی مجهول به دو روش تجزیه آدمیان و تبدیل مشتق، چهارمین همایش سالانه ریاضی دانشگاه پیام نور، اردبیل، ۱۳۹۰

(۳۱) علی مردان شاهرضائی و معصومه حسینی نیا ، حل برخی مسائل معکوس سهموی با شرایط کرانه‌ای مجهول به روش‌های تجزیه آدمیان و تبدیل مشتق ، چهارمین همایش سالانه ریاضی دانشگاه پیام نور، اردبیل، ۱۳۹۰

(۳۲) الهام خردمند نژاد و علی مردان شاه رضائی، حل عددی مساله سهموی ناهمگن غیرخطی مرتبه‌ی چهارم، هشتمین سمینار معادلات دیفرانسیل، سیستم‌های دینامیکی و کاربردهای آن، اصفهان، ۱۳۸۷،

(۳۳) زهرا محمدی و علی مردان شاه رضائی، روش‌هایی برای حل عددی یک مساله تشعشع گرمایی معکوس ناهمگن، اولین مدرسه تابستانی علوم بین رشته‌ای، شیراز، ۱۳۸۶

(۳۴) عطیه پیچکا و علی مردان شاه رضائی، نامساوی پیچشی معکوس و کاربردهای آن در مسائل منبع حرارتی معکوس، ۳۸ امین کنفرانس ریاضی ایران، زنجان، ۱۳۸۶

(۳۵) فهیمه داوودی، علی مردان شاهرضائی و علی عباس نژاد، بررسی اثر موقعیت قرارگیری سنسور در حل مسائل معکوس سهموی، چهارمین کنفرانس ریاضی کاربردی، ایران، زاهدان، ۱۳۸۸

- 36) F. Davoodi, A. Abbas Nejad, M. J. Maghrebi and A.M. Shahrezaee, Effect of sensor location on the solution of parabolic inverse problems, 3th International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2009 , 2009-06-22 .
- 37) “one-dimensional nonlinear IHCP using a meshless method”, with Farzane porzlivand, Journal of Advanced Research in Scientific Computing, NO: 3, VOL: 6, (2014), 23-38.
- 38) “The use of radial basis functions for the solution of a partialdifferential equation with an unknown time-dependent coefficient”, with Farzane porzlivand, Journal of Information and Computing Science, 16, NO: 9, VOL: 4, (2014), 298-309.
- 39) “A Meshless Method for the Numerical Solution of aTwo-Dimension IHCP”, with Farzane porzlivand, Advances in Numerical Analysis, 113, (2014), 1-10.
- 40) “Identifying an Unknown Coefficient inthe Reaction-Diffusion Equation Using He s VIM”, with Farzane porzlivand, Advances in Numerical Analysis, 113, (2014), 1-8.
- 41) “The VIM for solving a nonlinear inverse parabolic problem”, with M Rostamiyan, Journal of Information and Computing Science, 16, NO: 2, VOL: 9, (2014), 106-112.
- 42) “The Application of the Variational Iteration Method for Solving the Problem of Diffusion of Oil and Water in Underground Reservoirs”, with Farzane porzlivand, International Bulletin of Water Resources Development, 117, NO: 5, VOL: 2, (2015), 148-154.
- 43) “Snowmelt Mathematical Modeling as a Surface Water Resource”, with Masume Sayadi, International Bulletin of Water Resources Development, 117, NO: 3, VOL: 1, (2015), 76-87.
- 44) “Numerical solution of an inverse reaction diffusion problem via collocation method based on radial basis functions”, with Farzane porzlivand, APPLIED MATHEMATICAL MODELLING, 2000656, NO: 39, (2015), 3733-3744.
- 45) “Gaussian radial basis functions for the solution of an inverse problem of mixed parabolic-hyperbolic type”, with Farzane porzlivand, EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, 153, NO: 2, VOL: 8, (2015), 239-254.

- 46) "Application of HPM for determination of an unknown function in a semi-linear parabolic equation", with Malihe Rostamiyan, Journal of Information and Computing Science, 16, NO: 2, VOL: 10, (2015), 114-123.
- 47) "Application of homotopy perturbation and Adomian composition methods for solving an inverse heat problem", with Farzaneh porzlivand, Journal of Information and Computing Science, 16, NO: 2, VOL: 10, (2015), 137-147.
- 48) "Numerical solution of an inverse problem of mixed parabolic-hyperbolic type using a meshless method", with Farzaneh porzlivand, Journal of Advanced Research in Scientific Computing, 263, NO: 4, VOL: 7, 2015, 34-46.
- 49) "A meshless method to the solution of an ill-posed problem", with Malihe Rostamian, Journal of Inverse and Ill-Posed Problems, 2009328, NO: 24, VOL: 5, 2016, 583-597.
- 50) "Application of MVIIM to analysis an ill-posed problem", with Taraneh Tajvidi, International Journal of Applied Mathematics, 300016026, NO: 3, VOL: 29, 2016, 301-308.
- 51) "A meshless method to the numerical solution of an inverse reaction-diffusion- convection problem", with Malihe Rostamian, INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, 2007525, NO: 2, 2016, 1-23.
- 52) "Application of Meshless Methods for Solving an Inverse Heat Conduction Problem", with Malihe Rostamian, EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, 153, NO: 9, VOL: 1, 2016, 64-83.
- 53) "An inverse problem of identifying the coefficient of semilinear parabolic equation", with Farzaneh porzlivand, پژوهش های ریاضی, 450000460, NO: 2, VOL: 1, 2016, 79-88.
- 54) "A modified VIM for solving an inverse heat conduction problem", with Malihe Rostamian, پژوهش های ریاضی, 450000460, NO: 2, VOL: 1, 2016, 89-104.
- 55) "THE USE OF INVERSE QUADRATIC RADIAL BASIS FUNCTIONS FOR THE SOLUTION OF AN INVERSE HEATPROBLEM", with Farzaneh porzlivand, Bulletin of the Iranian Mathematical Society, 450000017, NO: 5, VOL: 42, 2016, 1127-1142.
- 56) "A meshless method for solving 1D time-dependent heat source problem", with Malihe Rostamian, INVERSE PROBLEMS IN SCIENCE AND ENGINEERING, 2007952, VOL: 26, 2017, 51-82.

دکتر شهناز طاهری:

- 1) Taheri Sh., Simkhah Asil M., “q- Laplace Transform”, Advances in pure Mathematics, 2016, 6, 16-20.
- 2) Shafeii R., Behmardi D., Taheri Sh. “ Definite polynomials and the composition conjecture”, Journal of Advanced Research in Dynamical and Control Systems, 2014, vol. 7, Issue. 1, pp.1-9.
- 3) Shafeii R., Behmardi D., Taheri Sh. “Monodromy Group of Polynomials and Application in Differential equation”, The 10th Seminar on Differential Equations and Dynamic Systems, Babolsar, Iran, 2013.
- 4) Taheri Sh., Tang Qi, Zhang Kewei, "Young measure solutions and instability of the one-dimensional Perona-Malik equation" in Journal of Mathematical Analysis and Applications, 2005, 467-490.
- 5) Taheri, Sh., "The Periodic Solutions of a Non-Linear Non-Autonomous Second Order System of Equations", Iranian Journal of Science & Technology, Shiraz University, Shiraz, Iran, 2002.
- 6) Taheri, Sh., "Existence of Periodic Solution for a Linear Non-Autonomous First Order System of Equations", The First Seminar of Differential Equations and Dynamical Systems, Zanjan, Iran, 1996.
- 7) Taheri, Sh., "Existence of a Periodic Solution for certain Non-Linear and Non-Autonomous Fourth Order O.D.E.", The 27th Annual Iranian Mathematics Conference-Shiraz University, Shiraz, Iran, 1996.
- 8) Taheri, Sh., "A periodic Solution for Certain Non-Linear Third Order O.D.E.", The 25th Annual Iranian Mathematics conference, Sharif University, Tehran, Iran, 1994.

دکتر احسان منبتبی:

- (۱) چگونه می توان لم فارکاوش را اثبات کرد؟ / فرهنگ و اندیشه ریاضی، ۴۴ (بهار ۱۳۸۹)
- (۲) یک مدل برنامه ریزی عدد صحیح برای توبولوژی های روی یک مجموعه متناهی/با حمید ترابی اردکانی، چهارمین کنفرانس ریاضی کاربردی ایران، دانشگاه سیستان و بلوچستان، زاهدان، ایران، ۱۹-۲۱ اسفند ۱۳۸۸
- (۳) مدل مکان یابی نصب دوربین های کنترل سرعت در راههای برون شهری / با علی فاضلی فرو سید محمد سید حسینی، یازدهمین کنفرانس بین المللی مهندسی حمل و نقل و ترافیک، مرکز همایش های بین المللی برج میلاد، تهران، ایران، ۱۳۹۰ اسفند

- 4) Uncapacitated facility location problem with self-serving demands, ORiON, Vol. 29, No. 2, 2013, pp. 169–180
- 5) Emergency Location Problems with an M/G/k Queueing System, with F. Moeen Moghaddas and H. Taghizadeh K., Iranian Journal of Operations Research, Vol. 4, No. 1, 2013, pp. 1-13
- 6) CONTEXTUAL IMAGE CLASSIFICATION APPROACH FOR MONITORING OF AGRICULTURAL LAND COVER BY SUPPORT VECTOR MACHINES AND MARKOV RANDOM FIELDS, with H. Vahidi, ISPRS 2nd International Conference on Sensors and Models in Photogrammetry and Remote Sensing, Tehran, Iran, October 2013.
- 7) An application of a Lagrangian-type relaxation for the uncapacitated facility location problem, Journal of Industrial and Applied Mathematics, Vol. 31, 2014, pp. 483-499
- 8) On a class of subadditive duals for the uncapacitated facility location problem, with H. Taghizadeh K. Applied Mathematics and Computation, Vol. 251, 2014, pp. 118-131.
- 9) “Comparison Between the Economic-Statistical Design of Double and Triple Sampling X barX Control Charts”, with Sadeghpour Gildeh Bahram and Iziy Azamsadat, Stochastics and Quality Control, 300040433, VOL: 32, 2017, 1-13.
- 10) “Upgrading min-max spanning tree problem under various cost functions”, with Sepasian Ali Reza, THEORETICAL COMPUTER SCIENCE, 2015911, VOL: 704, 2017, 87-91.
- 11) “BI-OBJECTIVE AGE-BASED PRODUCTION-DISTRIBUTION PLANNING FOR PERISHABLE PRODUCTS”, with Z. Alipour and F. Julay and N Zaerpour, INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, 2007644, NO: 2, VOL: 27, 2020, 229-244.
- 12) “General lot-sizing and scheduling for perishable food products”, with Z. Alipour and F. Julay and N Zaerpour, RAIRO-OPERATIONS RESEARCH, 2014043, VOL: 54, 2020, 913-931.
- 13) “Bi-objective optimization problems with two decision makers: refining Pareto-optimal front for equilibrium solution”, with M. Saniyi monfared and Mahsa Mahdipour Azar, OR SPECTRUM, 2012698, VOL: 42, 2020, 567-584.
- 14) “Comparison between two methods of the economic-statistical design of profile monitoring under the double sampling scheme”, with Azamsadat Eizi and Bahram Sadeghpour Gildeh, JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, 2010127, VOL: 91, 2020, 1-22.

- 15) "Mathematical modeling of finite topologies", with Hamid T.Ardakani, Carpathian Mathematical Publications, 300039428, NO: 2, VOL: 12, 2020, 434-442.
- 16) "Pareto-optimal equilibrium points in non-cooperative multi-objective optimization problems, with Atefeh R.Kafshgar and Mohammadali S.Monfared, EXPERT SYSTEMS WITH APPLICATIONS, 2003409, VOL: 178, PP: 114995, 2021.
- 17) "Non-cooperative Two-Player Games and Linear Bi-Objective Optimization Problems", with Mahsa M.Azar and Mohammadali S.Monfared, COMPUTERS and INDUSTRIAL ENGINEERING, 2003766, PP: 107665, 2021.

دکتر ناهید سنجاری فارسی پور:

- 1) Optimum Test for Comparison of two Inverse Gaussian Shape Parameters. *Calcutta Statistical Association Bulletin*, 37, Sep. & Dec., 1998, Nos. 147-148, pp 233-236. (with A. Parsian)
- 2) On the Minimaxity of Pitman Type Estimator Under a Linex Loss Function. *Communication in Statistics- Theory Meth.*, 1993, 22(1), 97-113. (with A. Parsian)
- 3) On the Admissibility and Inadmissibility of Estimators of Scale Parameters Using an Asymmetric Loss Function. *Communication in Statistics- Theory and Methods*, 1993, 22(10) , 2877-2901.(with A. Parsian)
- 4) Estimation of Parameters of Exponential Distribution in the Truncated Space Using Asymmetric Loss Function. *Statistical Papers*, 1997, 38,423-443. (with A. Parsian)
- 5) Estimating the Mean of Inverse Gaussian Distribution with Known Coefficient of Variation Under Entropy Loss. *Journal of Sciences, IROI*, 1997,8(1), 61-65.
- 6) Ridge Estimation of Independent Normal Mean Under Linex Loss. *Pakistan Journal of Statistics*, 1997, 13(3), pp 219-222.
- 7) Estimating the Normal Despersion Matrix and the Precision Matrix Under Asymmetric Loss Function. *Proceeding of 28th AIMC, Tabriz University*, 1997, March 2831, pp 489-493.

- 8) Estimation of the Parameters in the Fisher Nile's Problem Under Entropy Loss Function. *Calcutta Statistical Association Bulletin*, 1996, 46, March & June, Nos. 181-182, pp 29-33.
- 9) Estimation of the Parameters in the Fisher Nile's Problem Under Entropy Loss Function. *Proceeding of 26th AIMC, Kerman University*, 1995, March 28-31, pp 369-371.
- 10) Risk Unbiased Equivariant Estimation of a Common Normal Mean Vector Under Linex Loss Function. *Iranian Journal of Science & Technology*, 23, 2, 1999, pp 1-6.
- 11) Equivariant Estimation of the Percentiles Under a Linex Loss Function. *Calcutta Stat. Assoc. Bulletin*, 48, 1998, pp 139-143.
- 12) Some Aspects on Evaluating the Chosen Population. *Pakistan Journal of Statistics*, 14(3), 1998, pp 217-221.
- 13) Estimation of the Mean of the Selected Population Using Asymmetric Loss Function. *Metrika* (1999), 50, 89-107. (with A. Parsian)
- 14) Estimating $tr(\Sigma)$ and $det(\Sigma)$ Under Linex Loss Function. *Pak. J. Statist.* 1999, 15(2), 101-107. (with N. Abbasi)
- 15) Estimation of the Pareto Parameter Under Entropy Loss. *Calcutta Statistical Association Bulletin*, 47, 1997, 153-166. (with A. Parsian)
- 16) Admissible Estimates of Parameters in Truncated Space Under Linex Loss. Proceeding of the 30th Iranian International Conference on Mathematics, 1-4 July 1999, Ardabil.
- 17) Bayes Estimation of the Parameters of a Doubly Truncated Normal Distribution. *Jour. Inst. Maths. & Comp. Sciences*, 11(2), 2000, 149-157. (with A. Jahedi)
- 18) Multiparameter Estimation in Truncated Power Series Distribution Under Weighted Square Error Loss. *ISTATISTIK/JTSA*, 2000, 3.(with A. Jahedi)
- 19) Improving Upon Inadmissible Estimators in the Inverse Gaussian Distribution. Proc. *ICCS-VI, Lahore Pakistan*. August 27-31, 1999, 11, 201-205.
- 20) On Improved Estimators of the Generalized Variance. Proc. of 53th Session of the *ISI, Seoul, Korea*, August 22-29, 2001, 1, 59-60.
- 21) Improved Estimator of the Variance in the Linear Model. Proc. of *Caesar, Rome* 7-June-2001.

- 22) Admissibility of Estimators in the Non-regular Family Under Entropy Loss Function. Statistical Papers, 44, 249-256, 2003.
- 23) The Best Invariant Estimation in Multivariate Distributions. Pak. J. Statist., 19(2), 227-230, 2003.
- 24) Improved Estimator of the Variance in the Linear Model. Journal of Science, IROI,13(3),267-269, 2002.
- 25) Estimation of the Parameter of a Bernulli Distribution using a Balanced Loss Function. The Korean Communications in Statistics, 9(3), 889-899, 2002.(with A. Asgharzadeh)
- 26) Bayesian Multivariate Normal Analysis under Balanced Loss Function. Pak. J. Statist. 19(2), 231-240, 2003.(with A. Asgharzadeh)
- 27) On The Admissibility of Estimators of the Common Mean of Two Normal Populations Under Symmetric and Asymmetric Loss Function. South African Statisti. J. 36,39-54, 2002.(with A. Asgharzadeh)
- 28) On the Estimation of the Pareto Parameter Under Entropy Loss Function. Journal of Applied Statistical Science, 11(1), 91-99, 2002.
- 29) Pitman Nearness Comparison of Estimators of Parameters of Exponential Distribution in the Truncated Space. Journal of Applied Statistical Science. 11(3), 187-194, 2002.
- 30) Admissibility of The Minimum Risk Scale Equivariant Estimator in The Problem of Nile. Calcutta Statistical Association Bulletin. 53, 253-259, 2002.
- 31) Estimation of Scale Parameter in Continuos Population. Proc. Of the
- 32) 6th International Statistics Conf. August 23-25, 2002, Tarbiat Modaress Univ.
- 33) Consistency and Modeling Covariates in Multipath Change-Point Problems.Proc. of 7th Iranian Statistical Conf. Allameh Tabatabaie Univ.
- 34) A Note on the U-Statistics. Pak. Journal of Statistics. Vol.20(2), 241-243, 2004.(with N. Abbasi)
- 35) A Sample Coverage approach for estimating the size of the Population with application to death undercount. Koomesh, Journal of Semnan Univ. of Medical Science. Autumn 2003&winter 2004, Vol 5, No. 1&2, 37-44.(with E. Taghados, A. Kazemnejad, S. Faghihzadeh, A. Abadi)

- 36) Admissible Estimation of a one parameter nonregular family of absolutely continuous distributions. Proc. 6th International Statistics conf. August 23-25, 2002. Tarbiat Modaress Univ.
- 37) Estimation of a normal mean relative to balanced loss function. Statistical Papers , 2004, 45,279-286.(with A. Asgharzadeh)
- 38) Minimax Estimation of a bounded binomial parameter. Pak. J. Statist., 2004, 20(3), 329-334.(with D. Ghazvininejad)
- 39) Admissible Estimation in an one Parameter family of absolutely continuous distribution. Statistical Papers, 48, 337-345(2007).
- 40) Estimation of a Gamma Scale Parameter under Asymmetric Squared Log Error Loss. Comm. In Statist. 2005. (with H. Zakerzadeh)
- 41) Sequential Point Estimation of a Function of the Scale Parameter in a New Family of Distributions. J. Prob. and Stat. Science, 4(2), 1-14, 2006.(with E. Mahmoodi)
- 42) Estimation of the Exponential mean time to failure under a weighted balanced loss function. Statistical Papers, 2008, 49, 121-132.(with A. Asgharzadeh)
- 43) Estimation of Generalized Variance under an asymmetric Loss Function. Squared Log Error Loss. Communication in Statistics, Theory-Method, 35,571-581,2006.(with H. Zakerzadeh)
- 44) On the Bayes Estimation of General Half Normal Distribution. Calcutta Statistical Association. 58,37-51, 2006. (with A. Rasouli)
- 45) Minimax Estimation of Scale Parameter in a Family of Transformed Chi-Square Distribution under Asymmetric Squared Log Error and Mlinex losses. Journal of Science (IROI), 17(3), 253-258. 2008. (with E. Mahmoodi)
- 46) Exact likelihood inference based on an unified hybrid censored sample from the exponential distribution. Journal of Statistical Computation and Simulation,2008.78,475-488.
a. (With A. Rasouli and Balakrishna)
- 47) Estimation of the multivariate normal mean under the extended balanced loss function. International Journal of Statistics and Systems.3,(2),2008.(with A. Asgharzadeh).

(۴۸) روش گرافیکی برای انتخاب بهینه کسر نمونه.اندیشه آماری -سال سیزدهم-شماره اول-۶۸-۷۵. (با اکرم فخاری

(۴۹) تجزیه تابع چگالی متقاضن دو بعدی. اندیشه آماری-سال سوم-شماره دوم-۵۲-۵۵. (با هدیه جعفر پور)

.۵۰) ایجاد روش‌های مقدماتی در استنباط توزیع گاما. اندیشه آماری-سال سوم شماره دوم-۲۱-۳۰.

- 51) Admissible estimates of parameters in truncated space under linex loss. Proc. of 30th Iranian International conference of mathematics. 1-4 july 1999. Ardabil.
- 52) Properties of Skew t-Normal distribution and modeling of shadegan wetland pollution data. Proceedings of the 10th Iranian statistical conference . Tabriz, iran, 164-174.2010.(with Kheradmandi and Mohammadzadeh)
- 53) Generalization of the skew t-normal distribution and their properties. Journal of science, IROI, 22(2),355-368(2010). (with Kheradmandi and Mohammadzadeh)
- 54) Properties of skew t-normal distribution and modeling of pollution data of shadegan wetland. Journal of statistical sciences. 3(1),47-58, 2009.(with kheradmandi)
- 55) Conditional Maximum Likelihood and Interval Estimation for Two Weibull Populations under Joint Type -II Progressive Censoring. Communications in Statistics- Theory and Methods, 40,2117-2135,(2011).
- ۵۶) تعمیمی از توزیع چوله‌تی نرمال و مدل بندی میزان آلودگی به نیکل در تالاب شادگان. نشریه علوم دانشگاه تربیت معلم. (با محسن محمدزاده و آمنه خردمندی) و ۱۳۹۱ و ۲۰۱۱
- ۵۷) مقایسه میانگین مربعات خطأ در میان برآوردهای واریانس با ضریب تغییرات معلوم در توزیع چوله – نرمال. (با نجمه رشیدی و آرش پیشdest) Submitted for publication (2013)
- 58) Bayesian Estimation of $P(X>Y)$ based on Record data.(2013) Submitted
(با هاجر ریاحی)
- ۵۹) برآورد پارامترهای توزیع کاپا به روش بیز و ماکسیمم در سنتماتی با استفاده از تقریب لیندلی تحت تابع زیان های متقارن و نامتقارن . (با زینب روحی) (2013)submitted
- 60) Best Equivariant Estimator of Extream Quantiles in the Multivariate Lomax Distribution. (2015) Open Journal of Statistics, 5,350-354.
- 61) Estimation of Scale Parameter under a Bounded Loss Function. (2016) Journal of Sciences IROI, 27(2),169-173.
- 62) Bayes and Invariant Estimation of Parameters under a Bounded Asymmetric Loss Function.(2016). Journal of Advanced Statistics,1(2), 62-69.

(۶۳) "استنباط درستنماهی و بیزی مدل تبیش-نیرو بر اساس داده های رکوردی در خانواده های نرخ خطر متناسب و معکوس" ، علوم آماری، ۲۲۳۰.۸۶۳، VOL: 7، NO: 2، ۲۰۱۳، ۲۳۷.

64) "Best Equivariant Estimator of Extreme Quantiles in the Multivariate Lomax Distribution", open journal of statistics, 191, NO: 5, (2015), 350-354.

(۶۵) "مقایسه میانگین مربعات خطای برآوردگرهای انقباضی واریانس توزیع چوله-نرمال با ضریب تعییرات معلوم" ، نجمه رشیدی و پیشیدست آرش، گستره علوم آماری، ۱.۲۸۶، ۲۰۱۵، VOL: 1، NO: ۱، ۴۳-۴۸.

66) "Estimating the Common Mean of k Normal Populations with known Variance", with Akbar Asgharzade, International Journal of Statistics and Probability, 308, NO: 4, VOL: 6, 2017, 70-79.

67) "The Bayes Estimate of Scale Parameter from Two-Parameters Weibull Distribution", with Zohre Kamyab, Journal of advances in Mathematics and Computer Science, 193, NO: 1 NO: 1, 2021, 1-17.

(۶۸) «خانواده توزیع های واibel تعمیم یافته ترکیبی با توزیع دوجمله ای منفی بریده در صفر»، با همکاری طارمی بهرام و آوجی محسن، علوم آماری، ۲۲۳۰.۸۶۳، VOL: 15، NO: 1، ۲۰۲۱، ۱-۲۹.

دکتر زاهده اژدری:

- 1) Zahedeh Azhdari & Mehri Akhavan-Malayeri, On Inner Automorphisms And Central Automorphisms Of Nilpotent Group Of Class 2, Journal Of Algebra And Its Applications Vol. 10, No. 6 (2011) 1283-1290.
- 2) Zahedeh Azhdari & Mehri Akhavan-Malayeri, On Automorphisms Fixing Certain Groups, Journal Of Algebra And Its Applications, Vol. 12, No. 2 (2013) 1250163(17 pages).
- 3) Zahedeh Azhdari, On Certain Automorphisms Of Nilpotent Groups, Mathematical Proceedings of the Royal Irish Academy 113A (2013), 5-17.

- 4) Zahedeh Azhdari & Mehri Akhavan-Malayeri, Some New Results On Central Automorphisms Of Infinite Groups, Southeast Asian Bulletin of Mathematics (2013) 37: 15–22.
- 5) Zahedeh Azhdari & Mehri Akhavan-Malayeri, On Pointwise Inner Automorphisms of Nilpotent Groups of Class 2, J. Sci. Kharazmi University Vol. 13, No. 2 (2013),285-294.
- 6) Zahedeh Azhdari & Mehri Akhavan-Malayeri, On Inner Automorphisms And Certain Central Automorphisms Of Groups, Indian Journal of Pure and Applied Mathematics. Vol. 45, No. 3 (2014), 377-394.
- 7) Zahedeh Azhdari, Central Automorphisms And Inner Automorphisms In Finitely Generated Groups, Communications in Algebra, DOI: 10.1080/00927872.2015.1033715.
- 8) “Equality of derival automorphisms and certain automorphisms in finitely generated groups”, JOURNAL OF ALGEBRA AND ITS APPLICATIONS, 2008297, NO: 5, VOL: 18, 2018, PP: 1950088-1-1950088-14.
- ۹) «بررسی رابطه بین خودریختی های مشتق با برخی خودریختی های خاص در گروه های متناهی مولد»، Iranian Journal of Mathematical Sciences and Informatics .۲۰۲۱،۱۷-۲۵،VOL: 15،NO: 3،۴۵...۱۰۶

ارائه سخنرانی

- 1) On central automorphisms fixing certain subgroups elementwise, Fourth Group Theory Conference of Iran, 7-9 March 2012.
- 2) On inner automorphisms and central automorphisms of groups fixing the certain subgroups, 22nd Iranian Algebra Seminar, 31th Jan - 2nd Feb 2012.
- 3) Certain subgroup of automorphisms, Alzahra University, December 3, 2013.

دکتر ترانه تجویدی:

- (1) ترانه تجویدی- «تأثیر پارامتر نگاشت در حل معادلات دیفرانسیل در بازه نیمه متناهی»
نهمین سمینار معادلات دیفرانسیل و سیستم های دینامیکی- دانشگاه مدنی آذربایجان تیرماه ۱۳۹۱
- (2) ترانه تجویدی و ایرج دریابر-«لزوم ایجاد نگرش علمی در استراتژی حمل زنجیره تامین ایران خودرو»
پنجمین کنفرانس بین المللی انجمن ایرانی تحقیق در عملیات- دانشگاه مدنی آذربایجان ۱۳۹۱
- 3) M. Hashemi Rad and T. Tajvidi, " Improvement sufficient frontier in Data Envelopment Analysis"
چهل و پنجمین کنفرانس ریاضی ایران- دانشگاه سمنان- شهریور ۹۳(با دانشجوی ارشد)
- (4) غزاله علامه، مریم اسماعیلی و ترانه تجویدی «توسعه چندین مدل قیمت گذاری در زنجیره تامین سبز تحت ریسک با رویکرد نظریه بازی ها»
نشریه مدیریت صنعتی- دانشگاه تهران-زمستان ۹۳ ص ۷۸۹-۷۶۷
- 5) M. Esmaeili, Gh. Allameh & T. Tajvidi, "Using game theory for analysing
pricing models in closed-loop supply chain from short- and longterm
perspectives",
International Journal of Production Research, 2015
DOI: 10.1080/00207543.2015.1115907
- 6) T. Tajvidi & A. M. Shahrezaee ,“Application of MVIM to analysis an ill-posed problem“,
International Journal of Applied Mathematics,2016, Vol.29, No. 3
- 7) “Application of MVIIM to analysis an ill-posed problem”, with Taraneh Tajvidi, International
Journal of Applied Mathematics, 300016026, NO: 3, VOL: 29, 2016, 301-308.

8) “Improvement Eff Improvement Efficient Frontier in Data Envelopment Analysis”, with Masoumeh Hashemi rad, چهل و پنجمین کنفرانس ریاضی ایران, 11719.

دکتر بتول گنجی صفار:

- (۱) چکیده مقاله در هشتمین کنفرانس آمار ایران (دانشگاه شیراز ۳۱ مرداد تا ۲ شهریور ۱۳۸۵)
- (۲) مقاله: در مجله علوم پایه دانشگاه الزهرا (س) تحت عنوان " زیر مدول‌های چسبیده یک مدول "
- 3) “ON HYPER EQ – ALGEBRAS” , Italian journal of Pure and applied Mathematics, N.31-2013(77-96)
- 4) “States on EQ-algebras” , journal of Intelligent and Fuzzy Systems, N.29-2015(209-221)
- 5) “Filter theory on good hyper EQ-algebras”, with Rajabali Borzui, Annals of the University of Craiova, Mathematics and Computer Science Series, 2502348, NO: 43, VOL: 2, 2016, 243-258.
- 6) “EQ-MODULES”, Mathematica Slovaca, 2011235, NO: 6, VOL: 70, 2020, 1317-1332.
- 7) “Fuzzy n-fold obstinate and maximal (pre)filters of EQ-algebras”, Journal of Algebraic Hyperstructures and Logical Algebras, 587, NO: 1, VOL: 2, 2021, 83-98.
- 8) “Construction of (n -Fold) EQ-Algebras by Using Fuzzy n-Fold Filters”, with G. Muhiuddin and M. Aaly Kologani, R. A. Borzooei, New Mathematics and Natural Computation, 2524158, NO: 17, VOL: 1, 2021, 1-25.

دکتر نسرین سلطانخواه:

- 1) begin{normalsize}
With E.S. Mahmoodian. On the existence of (v,k,t) trades. Australas. J. Combin., 6 (1992), 279-291.
- 2) On directed trades. Australas. J. Combin., 11 (1995), 59-66.
- 3) Directed quadruple designs. Combin., Advances, (1995), 277-291, Math. Appl., 329, Kluwer Academic Publishers. Dordrecht, 1995. C.J. Colbourn and E.S. Mahmoodian (eds.),
- 4) With E.S. Mahmoodian. Intersecton of directed quadruple systems. J. Utilitas Math., 47 (1995), 161-165.
- 5) With E.S. Mahmoodian. Intersection of $2-(v,4,1)$ directed designs. J. of combin. Math. and combin. computing, 20 (1996), 225-236.
- 6) With M. Behzad and E.S. Mahmoodian. Defining sets in total coloring of graphs. Proceedings of 28th AIMC, Tabriz University, March 28-31, 1997, 521-526.
- 7) With E.S. Mahmoodian and Anne P. Street. On the defining set of directed designs. Australas. J. Combin., 19(1999), 179-190.
- 8) With B. Omoomi. Minimum defining number of some regular graphs. Tech. Rep. IPM-2000-334.
- 9) With E.S. Mahmoodian. A linear algebraic apparoach to directed designs. Australas. J. Combin., 23(2001) 119-134.
\item
- 10) With E.S. Mahmoodian. On defining numbers of k -chromatic k -regular graphs. ARS Combinatoria, 76 (2005), 257-276.
- 11) With B. Omoomi and E.S. Mahmoodian. Smallest defining number of s -regular k -chromatic graphs: $\$r \neq k\$$. ARS Combinatoria, 78 (2006), 211-223.
- 12) With A. Daneshgar and H. Hajiabolhassan. Defining number and circular colouring of graphs. Discrete Mathematics, 307 (2007), 173-180.
- 13) With B. Omoomi. Construction regular graphs with smallest defining number. ARS Combinatoria, 91 (2009), 19-31.
- 14) With M. Askari Forooshani. On the non-existence of some Steiner $t-(v,k)$ trades of certain volumes. Utilitas Mathematica, 79 (2009), 277-285.

- 15)On total domination numbers of grid graphs. *Int. J. of Contemp. Math. Sciences* Vol. 4, No. 6, (2009), 253-257.
- 16)Results on total domination and total restrained domination in grid graphs. *Int. Math. Forum*, Vol. 5, No. 7, 2010, 319-332.
- 17)On the total subdivision numbers of grid graphs. *Int. J. of Contemp. Math. Sciences* Vol. 5, No. 49, (2010), 2419-2432.
- 18)F. Amirzade and N.Soltankhah. Super-simple 2-(v,5,1) directed designs and their smallest defining set. *Australas. J. Combin.*, 54 (2012), 85-106.
- 19)With S. Ahmadi. The intersection problem for 2-(v,5,1) directed block designs. *Discrete Mathematics*, 312, (2012), 3251-3264.
- 20) With S. Rashidi. On the possible volume of three way trades. *Electronic Notes in Discrete Mathematics*, 43, (2013), 5-13.
- 21)With S. Rashidi. On the possible volume of μ -(v,k,t) trades. *Bull. Iranian Math. Soc.*, 40 (2014), 1387-1401.
- 22)With F. Moazami. On the biclique cover of the Complete graph, *Graphs and Combinatorics*, 30 (2014), 48-57.
- 23) F. Amirzade. Smallest defining sets of super-simple 2-(v,4,1) directed designs. *Utilitas Mathematica*, 96 (2015), 331-344.
- 24)With M. Boostan , S. Golalizadeh and N. Soltankhah. Super-simple 2-(v,4,2) directed designs and a lower bound for the minimum size of their defining set, *Discrete Applied Mathematics*, 201 (2016), 14-23.
- 25)With H. Amjadi, N. Shajarisales, and M.Tahvilian. On the spectrum of r-orthogonal Latin squares of different orders, *transactions on Combinatorics*, Vol 5, No 2, (2016), 41-51.
- 26) With H. Hossienzadeh. Perfect Codes, Irredundance and Subdivision in Graphs. *Bull. Iranian Math. Soc.*, (to appear), 2015.
- 27) With F. Moazami and S. Basiri. A note on d-biclique cover. *Utilitas Mathematica*, (to appear), 2014.
- 28) With S. Rashidi. On the 3-way (v,k,t) Steiner trades, *Discrete Mathematics*, , (to appear), 2016. (submitted).
- 29) With S. Rashidi. the 3-way intersection problem for S(2,4,v) designs. *Utilitas Mathematica*, (to appear), 2014.

- 30) With H. Amjadi. On the existence d-homogeneous 3-way Steiner trades, *Utilitas Mathematica*, (to appear), 2015.
- 31) With H. Hossienzadeh. On domination, irredudant and matching numbers in graphs, (submitted).
- 32) With F. Amirzadeh. Super-simple directrd group divisible designs with block size four and index 1 and their smallest defining sets, (submitted)
- 33) With H. Amjadi. The 3-way intersection problem to Kirkman tripe systems, (submitted)
\end{normalsize}
- 34) “perfect cods irredundance and subdivisionin graphs”, with Hamide Hoseinzade sereshki, *Bulletin of the Iranian Mathematical Society*, 450000017, (2014).
- 35) “Super-simple (v 4 2) directed designs and a lower bound for the minimum size of their defining set”, with Mahsa Bustan and Somayye Golali zade, *DISCRETE APPLIED MATHEMATICS*, 2002281, VOL: 98, 2016, 14-23.
- 36) “TOTAL PERFECT CODES OO-IRREDUNDANT AND TOTAL SUBDIVISION IN GRAPHS”, with Hamide Hoseinzade sereshki, *Bulletin of the Iranian Mathematical Society*, 450000017, NO: 3, VOL: 42, 2016, 499-506.
- 37) “The 3-Way Intersection Problem for Kirkman Triple Systems”, with Haniye Amjadi, *GRAPHS AND COMBINATORICS*, 2006526, VOL: 33, 2017, 673-687.
- 38) “The 3-wayintersection problem S(24v) designs”, with Saeede Rashidi, *UTILITAS MATHEMATICA*, 2016392, VOL: 102, 2017, 169-187.
- 39) “RP2 a high-performance data center network architecture using projective planes”, Kashefi Amir Hosein, Mohammad-Khanli Leyli, *Cluster Computing-The Journal of Networks Software Tools and Applications*, 2004313, 2017, 1-15.
- 40) “On the Existence of d-Homogeneous \$\$\mu\$\$ -Way (v, 3, 2) Steiner Trades”, with Somayye Golali zade, *GRAPHS AND COMBINATORICS*, 2006526, NO: 2, VOL: 35, 2019, 471-478.
- 41) “The minimum possible volume size of mu0way (vkt) trades”, with Somayye Golali zade, *UTILITAS MATHEMATICA*, 2016392, VOL: 111, 2019, 211-224.
- 42) “Some Algebraic Hyperstructures Related to Zero Forcing Sets and Forcing Digraphs”, with Masoume Golmohammadian and M. M. Zahedi, *JOURNAL OF ALGEBRA AND ITS APPLICATIONS*, 2008297, VOL: 50, 2019, 1-19.

43) "On the Relationship Between the Zero Forcing Number and Path Cover Number for Some Graphs", with Zeynab Montazeri, Bulletin of the Iranian Mathematical Society, 450000017, VOL: 44, 2020, 1-12.

44) "On the Volume of 3-Way Trades for Trees with up to Three Edges", with Narjeskhatun Khademian, Iranian Journal of Science and Technology Transaction A-Science, 2007994, NO: 18, VOL: 5, 2020.

45) "The 3-way flower intersection problem for Steiner triple systems", with Hanie Amjadi, DISCRETE MATHEMATICS AND THEORETICAL COMPUTER SCIENCE, 2002285, NO: 1, VOL: 22, 2020, 1-14.

46) "k-FORCING NUMBER FOR THE CARTESIAN PRODUCT OF SOME GRAPHS", with Zeynab Montazeri, Contributions to Discrete Mathematics, 2024300, NO: 1, VOL: 16, 2021, 89-97.

47) «چالش ها و محورهای راهبردی اولویت دار نخبگان سلامت», با همکاری و پاسالار پروین و حسینی معصومه و شیخ الاسلام زاده مینا، فرهنگ و ارتقای سلامت، ۱۴۴۹، ۱، ۲۰۲۱، ۱۷-۱۲. VOL: 13. NO: 1.

48) "Revisiting k-tuple Dominating Sets with Emphasis on Small Values of k", with Babak Samadi and Doost Ali Mojdeh, Bulletin of the Malaysian Mathematical Sciences Society, 2004989, 2022.

49) «یک طرح جدید رمزنگاری بصری بر اساس تریدهای اشتاینری»، رشیدی سعیده، علوم و فناوری های پدافند نوین، ۳۴۵-۳۵۶، ۲۰۲۲. VOL: 12. NO: 4، ۴۵۰۰۰۹۵۱

50) "On the Volume of u-way G-trade", with Narjeskhatun Khademian, Iranian Journal of Mathematical Sciences and Informatics, 450000106, NO: 1, VOL: 17, 2022, 153-163.

51) "A Completion of the Spectrum of 3-Way \$(v,k,2)\$ Steiner Trades", with Saeedeh Rashidi, ACTA APPLICANDAE MATHEMATICAE, 2005595, VOL: 180 2022, 1-17.

52) سمنیار ریاضیات گستته و کاربردهای آن، "ageneralization of trades" (مقاله در کنفرانس)، 11745.

دکتر صدیقه شمس:

1) "Mellin transform Application In Accelerated failure rate models", Pakistan Journal of Applied sciences, NO: 2, VOL: 2, (2001), 76-78.

2) "Some properties of the Frecehit upper – Bound", with siamak nurbaluchi, Calcutta Sttistical Association Bulleetin, NO: 201, VOL: 51, (2001), 73-85.

- 3) "Properties of Certain Class of Mixture Distributions", COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, 2004850, VOL: 36, (2007), 229-233.
- 4) "A convergent Iterative procedure", COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, 2004850, NO: 1, VOL: 39, (2010), 1026-1037.
- 5) "Maximum of second-order Taylor Approximation of Entropy", Applied Mathematical Sciences, 2502633, NO: 64, VOL: 5, (2011), 3191-3200.
- 5) "بهینه سازی برخی فاکتورهای کشت سویه بومی زانتومونوس کامپستریک بی ۸۲، به روش تاگوچی برای تولید صمغ میکروبی زانتان"، دکتر محمد رضا صعودی و مرضیه عزیزی، زیست شناسی ایران، ۴۵۰۰۰۸۴۹، VOL: 2 .NO: 24 ،۱۹۴-۲۰۷، (۲۰۱۱).
- 6) "A copula-Garch Model of Conditional Dependence- Estimating Tehran Market Stock Exchange Value at Ris", with Fatemeh K Haghghi, Journal of statistical and Economic methods, NO: 2, VOL: 2, (2013), 39-50.
- 7) "Copula approach for modeling oil and gold prices and exchange rate co-movements in Iran", with Masume Zarshenash, International Journal of Statistics and Applications, 109, NO: 3, VOL: 4, (2014), 172-175.
- 8) "The Copula approach to sample selection model for dependence structure between participation and inc", with Soghra Rezaee, International Journal of Statistics and Economics, 100, NO: 2, VOL: 14, (2014), 105-113.
- 9) "تابع کاپولا در تشخیص خوشه های زلزله" ، علامه زاده مصطفی، پژوهشنامه زلزله شناسی و مهندسی زلزله، ۴۵۰۰۰۵۵۸، VOL: 76 .NO: 2 .۱-۱۰ .۲۰۱۷
- 10) "بررسی تاثیر نوسانات درآمدی بر اولویت های فرهنگی و غیر فرهنگی خانوارهای شهری و روستایی با استفاده از تابع مفصل" ، مریم آهنگری، علوم آماری، ۲۲۳۰۸۶۳، VOL: 13 .NO: 1 .۱۵-۳۸ .۲۰۱۹
- 11) "Copula Density Estimation of Iranian household Income and Expenditure by using Selection Method", with Hadis Rashidi and Hila Rezayi, American Journal of Mathematics and Statistics, 7, NO: 4, VOL: 9, 2019, 160-164.
- 12) "Analysis of Spatial Data with Chi-Square Copula", with Ronak Jamshidi, علوم آماری, 2230863, VOL: 13, 2020, 363-384.

دکتر کامران دیوانی آذر:

- 1) "INTEGRAL CLOSURE AND IDEAL TOPOLOGIES IN MODULES", COMMUNICATIONS IN ALGEBRA, NO: 11, VOL: 29, (2001), 5239-5250
- 2) "On associated and attached prime ideals of certain modules", COLLOQUIUM MATHEMATICUM, 2004505, NO: 1, VOL: 89, (2001), 147-157

- 3) "Ideal topologies local cohomology and connectedness", with SCHENZEL P., MATHEMATICAL PROCEEDINGS OF THE CAMBRIDGE PHILOSOPHICAL SOCIETY, 2011256, NO: 2, VOL: 131, (2001), 211-226
- 4) "The Lichtenbaum-Hartshorne theorem for generalized local cohomology and connectedness", with Naghipour Reza and Tousi Massoud, COMMUNICATIONS IN ALGEBRA, 2001904, NO: 8, VOL: 30, (2002), 3687-3702
- 5) "A new definition of associated prime ideals", with Tousi Massod, Italian Journal of Pure and Applied Mathematics, 2516172, NO: 8, (2002), 1-14
- 6) "Associated primes of local cohomology modules of weakly Laskerian modules", with Mafi Amir, COMMUNICATIONS IN ALGEBRA, 2001904, NO: 2, VOL: 34, (2006), 681-690
- 7) "Hopfian and Co-Hopfian modules over commutative rings", with Mafi Amir, Vietnam Journal of Mathematics, 2533368, NO: 3, VOL: 35, (2007), 1-9
- 8) "A duality theorem for generalized local cohomology", with Chardin Marc, PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY, 2013615, NO: 8, VOL: 136, (2008), 2749-2754
- 9) "The finiteness dimension of local cohomology modules and its dual notion", with Asgharzadeh Mohsen and Tousi Massod, JOURNAL OF PURE AND APPLIED ALGEBRA, 2009965, NO: 3, VOL: 213, (2009), 321-328
- 10) "Vanishing of the top local cohomology modules over Noetherian rings", PROCEEDINGS OF THE INDIAN ACADEMY OF SCIENCES-MATHEMATICAL SCIENCES, 2013636, NO: 1, VOL: 119, (2009), 23-35
- 11) "Finileness properties of formal local cohomology and Cohen-Macaulayness", with Asgharzadeh Mohsen, COMMUNICATIONS IN ALGEBRA, 2001904, NO: 3, VOL: 39, (2011), 1082-1103
- 12) "Generalized local cohomology modules and homological Gorenstein dimensions", with Hajikarimi Alireza, COMMUNICATIONS IN ALGEBRA, 2001904, NO: 6, VOL: 39, (2011), 2051-2067
- 14) "Cofiniteness of generalized local cohomology for one-dimensional ideals", with Hajikarimi Alireza, CANADIAN MATHEMATICAL BULLETIN-BULLETIN CANADIEN DE MATHEMATIQUES, 2004289, NO: 1, VOL: 55, (2012), 81-87.
- 15) "Local homology and Gorenstein flat dimension", with Mohammadi Aghjeh Mashhad Fatemeh, JOURNAL OF ALGEBRA AND ITS APPLICATIONS, 2008297, NO: 2, VOL: 11, (2012), 1-8.

- 16) "A unified approach to formal local cohomology and local Tate cohomology", with Asqharzadeh Divaani-Aazar, OCKY MOUNTAIN JOURNAL OF MATHEMATICS, 2014674, NO: 2, VOL: 44, (2014), 349-365.
- 17) "Almost complete intersections and Stanley's conjecture", with Bandari Somayeh and Soleyman Jahan Ali, Kodai Mathematical Journal, 2010681, NO: 2, VOL: 37, (2014), 396-404.
- 18) "Gorenstein homology relative pure homology and virtually Gorenstein rings", with Mohsen Asgharzadeh and Zareh-Khoshchehreh Fatemeh, JOURNAL OF PURE AND APPLIED ALGEBRA, 2009965, NO: 12, VOL: 218, (2014), 2356-2366.
- 19) "Gorenstein injective envelopes of Artinian modules", with Nikkhah Babaei Massoumeh, COMMUNICATIONS IN ALGEBRA, 2001904, NO: 11, VOL: 42, (2014), 4635-4643.
- 20) "On the existence of certain modules of finite Gorenstein homological dimensions", with Tousi Massod and Mohammadi Aghjeh Mashhad Fatemeh, COMMUNICATIONS IN ALGEBRA, 2001904, NO: 4, VOL: 42, (2014), 1643-2014.
- 21) "Pretty cleanliness and filter-regular sequences", with Ali Soleyman Jahan and Somayeh Bandari, CZECHOSLOVAK MATHEMATICAL JOURNAL, 2003511, NO: 4, VOL: 139, (2014), 933-944.
- 22) "A Criterion for Dualizing Modules", with Masume Nikkhah and masoud tusi, Tokyo Journal of Mathematics, 2024090, NO: 1, VOL: 38, (2015), 1-9.
- 23) "Local homology finiteness of Tor modules and cofiniteness", with H. Faridian and M. Tousi, JOURNAL OF ALGEBRA AND ITS APPLICATIONS, 2008297, VOL: 16, 2017.
- 24) "Weakly Laskerian rings versus Noetherian rings", with Kamal Bahmanpour, RENDICONTI DEL SEMINARIO MATEMATICO DELLA UNIVERSITA DI PADOVA, 2014149, VOL: 138, 2017, 239-256.
- 25) "Stable under specialization sets and cofiniteness", with H. Faridian and M. Tousi, JOURNAL OF ALGEBRA AND ITS APPLICATIONS, 2008297, VOL: 18, 2018, PP: 1950015-1-1950015-22.
- 26) "The derived category analogues of Faltings Local-global Principle and Annihilator Theorems", with Majid Rahro Zargar, JOURNAL OF ALGEBRA AND ITS APPLICATIONS, 2008297, VOL: 18, 2018, PP: 1950140-1-1950140-16.

- 27) "Local homology, Koszul homology and Serre classes", with Hossein Faridian and Massoud Tousi, ROCKY MOUNTAIN JOURNAL OF MATHEMATICS, 2014674, VOL: 48, 2018, 1841-1869.
- 28) "Cohomological dimension and relative Cohen-Macaulayness", with Akram Ghanbari Doust and Massoud Tousi and Hossein Zakeri, COMMUNICATIONS IN ALGEBRA, 2001904, VOL: 47, 2019, 5417-5427.
- 29) "On the new intersection theorem for totally reflexive modules", with Fatemeh Mohammadi Aghjeh Mashhad and Ehsan Tavanfar and Massoud Tousi, Collectanea Mathematica, 2001882, NO: 3, VOL: 71, 2020, 369-381.
- 30) "A new outlook on cofiniteness", with Hossein Faridian and Massoud Tousi, Kyoto Journal of Mathematics, 2010740, VOL: 60, 2020, 1033-1045.
- 31) "Characterizing certain semidualizing complexes via their Betti and Bass numbers", with Kousar A.Dezfuli and Massoud Tousi, COMMUNICATIONS IN ALGEBRA, 2001904, 2022, 1-13.
- 32) "Modules whose finiteness dimensions coincide with their cohomological dimensions", with Akram Ghanbari Doust and Massoud Tousi and Hossein Zakeri, JOURNAL OF PURE AND APPLIED ALGEBRA, 2009965, VOL: 226, PP: 106900, 2022.

دکتر مرضیه اسکندری:

- 1) "On the number of guards in 0000", with Ali mohaddes and Bahram sadeghi, WORLD APPLIED SCIENCES JOURNAL, 2016732, NO: 10, VOL: 10, (2010), 1255-1263
- 2) "The illumination of polygonal regions with modem", with Mahsa shimayi and Ali mohaddes, CSI Journal on Computer Science and Engineering, 2418400, NO: 2, VOL: 8, (2010), 21-28
- 3) "Near - pole polar diagram of 0000", with Bahram sadeghi and Maryam Tahmasbi, Journal of Computational Science, 2024460, NO: 3, VOL: 3, (2011), 127-131
- 4) "Modeling the competitive", International Journal of Computer Information Technologies (IJOCIT), 125, NO: 1, VOL: 1, (2013), 24-36.
- 5) "(n 1 1 a)- center problem", with Ali Mhaddes and Pardis Kavand, Amirkabir International Journal of Modeling, Identification, Simulation and Control, 2417860, (2015).

- 6) "Gamma-GUARDING OF ORTHOGONAL POLYGONS", with Parisa Hadi, International Journal of Applied Mathematics, 300016026, NO: 1, VOL: 29, 2016, 97-104.
- 7) "On The Illumination of Polygons by 60-Floodlights", with Marziye Darvishvand, International Journal of Research Studies in Computer Science and Engineering (IJRSCSE), 240, NO: 1, VOL: 3, 2016, 1-6.
- 8) "S-visibility problem in VLSI chip design", with Mahdiye yeganeh, Turkish Journal of Electrical Engineering and Computer Sciences, 2016249, NO: 5, VOL: 25, 2017, 3960-3969.
- 9) "Intelligent application for Heart disease detection using Hybrid Optimization algorithm", with Zeynab Hoseyni, Journal of Algorithms and Computation, 450000129, NO: 1, VOL: 51, 2019, 15-27.
- 10) "جانمایی رقابتی تسهیلات با بازی ورنوی وزن دار تک دوری", با همکاری زینب حسنی، پژوهش های ریاضی، ۴۷-۵۶، ۲۰۲۰ .VOL: 6 .NO: 1 ،۴۵۰۰۰۴۶.
- 11) "On Inducing n-gons", with Marjan Abedin and Ali Mohaddes, The ۲۳rd Canadian Conference on Computational Geometry, 8914.
- 12) "weak matching points with triangles", with Fatemeh Panahi and davoood Mansour and Ali Mohaddes, the ۲۳th Canadian Conference on Computational Geometry, 9465.

دکتر مهری اخوان ملایری:

- 1) Zahedeh Azhdari & Mehri Akhavan-Malayeri, On Inner Automorphisms And Central Automorphisms Of Nilpotent Group Of Class 2, Journal Of Algebra And Its Applications Vol. 10, No. 6 (2011) 1283-1290.
- 2) "Commutators and squares in free groups and free nilpotent groups", Southeast Asian Bulletin of Mathematics, VOL: 36, (2012), 1-10.
- 3) "Commuting Automorphisms of p-Groups with Cyclic Maximal Subgroups", with Fatemeh Vosooghpour and Zeinab Kargarian, Communications of the Korean Mathematical Society, 2506987, NO: 4, VOL: 28, (2013), 643-647 .
- 4) Zahedeh Azhdari & Mehri Akhavan-Malayeri, Some New Results On Central Automorphisms Of Infinite Groups, Southeast Asian Bulletin of Mathematics (2013) 37: 15–22.

- 5) "On Commuting Automorphisms of p-Groups", with Fateme Vosugh Puryazdchi, COMMUNICATIONS IN ALGEBRA, 2001904, NO: 4, VOL: 41, (2013), 1292-1299.
- 6) Zahedeh Azhdari & Mehri Akhavan-Malayeri, "On Pointwise Inner Automorphisms of Nilpotent Groups of Class 2", J. Sci. Kharazmi University Vol. 13, No. 2 (2013), 285-294.
- 7) Zahedeh Azhdari & Mehri Akhavan-Malayeri, "On Inner Automorphisms And Certain Central Automorphisms Of Groups", Indian Journal of Pure and Applied Mathematics. Vol. 45, No. 3 (2014), 377-394.
- 8) "On commutator length of certain p-groups", Southeast Asian Bulletin Of Mathematics, 235, VOL: 39, (2015), 453-459.
- 9) "Some remarks on commuting fixed point free automorphisms of groups", Journal of Science Kharazmi University, 2231125, NO: 2, VOL: 1, 2016, 1-6.
- 10) "On commutators in p-groups of maximal class and some consequences", Mathematical Reports, 2011258, NO: 3, VOL: 20, 2018, 285-290.
- 11) "Commuting automorphisms of finite 2-groups of almost maximal class, I", with Nazila Azimi Shahrabi and Fatemeh Vosughpur Yazdchi, JOURNAL OF ALGEBRA AND ITS APPLICATIONS, 2008297, VOL: 18, 2019, PP: 1950208.
- 12) "Commuting automorphisms of finite 2-groups of almost maximal class, II", with Nazila Azimi Shahrabi, JOURNAL OF ALGEBRA AND ITS APPLICATIONS, 2008297, 2021, 1-17.
- 13) "On commuting automorphisms and central automorphisms of finite 2-groups of almost maximal class", with Nazila Azimi Shahrabi, Ricerche di Matematica, 2529195, 2021, 1-15.
- 14) (مقاله در کنفرانس), "The problem of expressibility in some products of groups", The Third Biennial International Group Theory Conference Mashhad ۱۴-۱۵, 11617.

دکتر مهدی علی محمدی:

- 1) "Some new results on unimodality of generalized order statistics and their spacings", with Mohammad Hossein Alamatsaz, STATISTICS and PROBABILITY LETTERS, 2015493, VOL: 81, (2011), 1677-1682.
- (2) "خواص توزیع های تک مدی و برخی کاربردهای آن", مهدی علی محمدی و محمد حسین علامت ساز، اندیشه آماری، ۴۷-۶۲، ۲۰۱۱، VOL: 16 .NO: 1، ۳۲۳۰۰۵۴۰.
- 3) "SOME CONVEXITY PROPERTIES OF THE DISTRIBUTION OF LOWER k-RECORD VALUES WITH EXTENSIONS", with Mohammad Hossein Alamatsaz and Erhard Cramer, PROBABILITY IN THE ENGINEERING AND INFORMATIONAL SCIENCES, 2013594, VOL: 28, (2014), 389-399.
- 4) "Discrete strong unimodality of order statistics", with Mohammad Hossein Alamatsaz and Erhard Cramer, STATISTICS and PROBABILITY LETTERS, 2015493, VOL: 103, 2015, 176-185.
- 5) "Convolutions and generalization of logconcavity: Implications and applications", with Mohammad Hossein Alamatsaz and Erhard Cramer, NAVAL RESEARCH LOGISTICS, 2012074, VOL: 63, 2016, 109-123.
- 6) "Some new results on likelihood ratio ordering and aging properties of generalized order statistics", with Maryam Esna-Ashari and Erhard Cramer, COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, 2004850, VOL: 49, 2020, 1-25.
- 7) "On dispersive and star orderings of random variables and order statistics", with Maryam Esna-Ashari and Erhard Cramer, STATISTICS and PROBABILITY LETTERS, 2015493, VOL: 170, 2021, PP: 109014.
- 8) "Likelihood ratio comparisons and logconvexity properties of p-spacings from generalized order statistics", with Maryam Esna-Ashari and Jorge Navarro, PROBABILITY IN THE ENGINEERING AND INFORMATIONAL SCIENCES, 2013594, 2021 1-20.
- 9) "HR and RHR orderings of generalized order statistics", with Maryam Esna-Ashari and Narayanaswamy Balakrishnan, METRIKA, 2011513, 2022.

دکتر سمیه جنگجوی شالدهی:

- 1) “Dynamics and topology of S-gap shifts”, with Dastjerdi Dawoud Ahmadi, TOPOLOGY AND ITS APPLICATIONS, 2016018, VOL: 159, (2012), 2654-2661.
- 2) “imputations on Sofic S-gap Shifts”, with Ahmadi Dastjerdi D., Qualitative Theory of Dynamical Systems, 2024615, VOL: 12, (2013), 393-406.
- 3) “Generalizing the asymmetric run-length-limited systems”, with Davood A.Dastjerdi, Journal of advances in Mathematics and Computer Science, 193, VOL: 4, (2014), 1134-1145.
- 4) “(S S)-gap Shifts as a Generalization of Run-length-limited Codes”, wuth Davood A.Dastjerdi, Journal of advances in Mathematics and Computer Science, 193, VOL: 4, (2014), 2765-2780.
- 5) “Equivalencies between beta-shifts and S-gap shifts”, AHMADI DASTJERDI Dawoud, Turkish Journal of Mathematics, 2016256, VOL: 39, (2015), 212-227.
- 6) “On half-synchronized systems”, Mathematica, 2522391, NO: 2, VOL: 58, 2016, 95-100.
- 7) “On closing codes”, Bulletin of the Korean Mathematical Society, 2004982, NO: 2, VOL: 55, 2018, 359-366.
- 8) “On intrinsically ergodicity of synchronized systems”, with Davood A.Dastjerdi, Journal of Statistics and Management Systems, 458, NO: 3, VOL: 22, 2019, 447-458.
- 9) “On semi-open codes and bi-continuing almost everywhere codes”, with Davood D.Ahmadi, TOPOLOGY AND ITS APPLICATIONS, 2016018, VOL: 270, 2020, PP: 106872.

دکتر فریبا عزیزی:

- 1) مدلسازی دکتر احمد پارسیان و فریبا عزیزی، ”استنباط بیزی از توزیع نمایی دوپارامتری در سانسور هیبرید نوع اول“ (مدلسازی دکتر احمد پارسیان و فریبا عزیزی، ”استنباط بیزی از توزیع نمایی دوپارامتری در سانسور هیبرید نوع اول“) 450001056, NO: 1, VOL: 2, (2012), 1-26.
- 2) “Statistical inference for masked interval data with Weibull distribution under simple step-stress test and tampered failure rate model”, with Firuzeh Haghghi and Elahe Ghadiri and Leila Torabi, Proceedings of the Institution of Mechanical Engineers Part O-Journal of Risk and Reliability, 2013660, VOL: 231, 2017, 654-665.

- 3) "Joint modeling of linear degradation and failure time data with masked causes of failure under simple step-stress test", with Firuzeh Haghghi, JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, 2010127, VOL: 88, 2018, 1603-1615.
- 4) "Statistical inference for competing risks model under progressive interval censored Weibull data", with Firuzeh Haghghi and Niloofar Tyyebi gilani, COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, 2004849, VOL: 49, 2020, 1931-1944.
- 5) "Bayesian sensitivity analysis to the non-ignorable missing cause of failure for hybrid censored competing risks data", with Elham M.Amshi and Samane E. Mahabadi, JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, 2010127, VOL: 90, 2020, 2228-2255.
- 6) "Estimation and Optimization for Step-Stress Accelerated Degradation Tests Under an Inverse Gaussian Process with Tampered Degradation Model", with Elham M.Amshi, Iranian Journal of Science and Technology Transaction A-Science, 2007994, VOL: 46, 2022, 1-12.
- 7) "Opportunistic maintenance integrated model for a two-stage manufacturing process", with Hasan Rasayi and Farnush Naderkhani, INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, 2006220, VOL: 118, 2022, 1-19.

دکتر داریوش بهمندی شریف آباد:

- 1) "COUNTEREXAMPLES IN ROTUND AND LOCALLY UNIFORMLY ROTUND NORM", with Fateme A. Heydari, Journal of Mathematical Analysis, NO: 1, VOL: 5, (2014), 11-15.
- 2) "Improvement on delay dependent absolute stability of Lurie control systemswith multiple time-delays and nonlinearities", with S Dehghan-Chenari, World Journal of Modelling and Simulation, 2533857, NO: 1, VOL: 10, (2014), 20-26.
- 3) "Definite polynomials and the composition conjecture", with Shahnaz Taheri and Raziye Shafeyi Lashgaryan, Journal of Advanced Research in Dynamical and Control Systems, 2516721, NO: 1, VOL: 7, (2014), 1-9.
- 4) "Exponential stability of linear systems with multiple time delays",with Y Ordokhani and E Taghizadeh and M Matinfar, Journal of Science Kharazmi University, 2231125, (2014),(accepted)
- 5) "On Weak-Fragmentability of Banach Spaces", with Farid Behruzi and Fateme A. Heydari, JOURNAL OF THE AUSTRALIAN MATHEMATICAL SOCIETY, 2010258, NO: 2, VOL: 97, (2014), 251-256.
- 6) "Smoothness and Rotundity in Banach Spaces", with Fateme A. Heydari and Farid Behruzi,

Journal of Science Kharazmi University, 2231125, NO: 3, VOL: 14, (2015), 201-209.

- 7) "ON THE DENSITY THEOREM FOR THE SUBDIFFERENTIAL OF CONVEX FUNCTIONS ON HADAMARD SPACES", with Mina Movahhedi and Seyyede Somayye Hoseyni, PACIFIC JOURNAL OF MATHEMATICS, 2012820, NO: 2, VOL: 276, (2015), 437-447.
- 8) "Monodromy problem for the degenerate critical points", with Razie shafeyi lashkaryan, Computational Methods for Differential Equations, 450000021, NO: 1, VOL: 3, 2015, 1-13.
- 9) "Threshold harvesting policy and delayed ratio-dependent functional response predator-prey model", with Razie shafeyi lashkaryan, Computational Methods for Differential Equations, 450000021, NO: 1, VOL: 4, 2016, 1-18.
- 13) "ON SUBDIFFERENTIAL IN HADAMARD SPACES", with Mobina Movahhedi and Majid Soleymani Damaneh, Bulletin of the Iranian Mathematical Society, 450000017, NO: 3, VOL: 42, 2016, 707-717.
- 14) "Some new families of definite polynomials and the composition conjectures", with Razie shafeyi lashkaryan, Computational Methods for Differential Equations, 450000021, NO: 3, VOL: 5, 2017, 214-223.
- 15) "BLOWING UP AND INTEGRABILITY OF HOMOGENEOUS PLANAR VECTOR FIELDS", with Razie shafeyi lashkaryan, University Politehnica of Bucharest Scientific Bulletin-Series A-Applied Mathematics and Physics, 2016351, NO: 3, VOL: 79, 2017, 139-150.
- 16) "Fragmentability and scatteredness in topological spaces", with Fateme Hwydari, Analysis Mathematica, 2005880, NO: 2, VOL: 43, 2017, 523-531.
- 17) "Discretization of a fractional order ratio-dependent functional response predator-prey model bifurcation and chaos", with Razie shafeyi lashkaryan, Computational Methods for Differential Equations, 450000021, NO: 2, VOL: 6, 2018, 248-266.
- 18) "On some inequalities for positive operators", with Leila Nasiri, Journal of Analysis, 300041214, NO: 29, 2021, 263-271.
- 19) (مقاله در کنفرانس) "A normal form Degenerate monodromic critical poi", with Razie shafeyi lashkaryan, ۹th Seminar of differential equation and dynamical systems, 10.
- 20) (مقاله در کنفرانس) "Monodromy Group of Polynomials and Application in Differential equation", with Razie shafeyi lashkaryan and Shahnaz Taheri, The ۱۰th Seminar on Differential Equations and Dynamic Systems, 769.

- 21) “Zero Duality Gap in Topological spaces”, with Mobina Movahhedi, 2nd international conference Operations research and optimization, 1285. “(مقاله در کنفرانس)

دکتر روشنگ علی محمدی:

- 1) “A SIMULATION STUDY ON ESTIMATING TIME SERIES ARIMA MODELS BY SPLINES”, International Journal of Applied Mathematics, 300016026, NO: 5, VOL: 27, (2014), 431-436.
- 2) “Estimation of Survey Accuracy for Percentile Estimators in Exponential Populations”, International Mathematical Forum, 102, NO: 29, VOL: 9, (2014), 1377-1381.
- 3) “Efficiency of respondent effect in a supervised interview - reinterview survey”, International Journal of Applied Mathematics, 300016026, NO: 2, VOL: 28, (2015), 99-105.
- 4) “بررسی عملکرد دو روش پیش بینی داده های فضایی ”، با همکاری صدیقه خندان، گستره علوم آماری، ۲۸۶، ۲، NO: 2 .۶۹-۷۴، ۲۰۱۶، VOL: 1
- 5) “ASSESSING SOME ESTIMATION CRITERIA OF MEASUREMENT ERROR FOR CATEGORICAL DATA”, International Journal of Applied Mathematics, 300016026, NO: 2, VOL: 30, 2017, 85-90.
- 6) “مقایسه ای بر دقت برآورد اسپلاینهای رویه نازک و کروی با رگرسیون چند گانه ”، مختاریبور مهرنوش، علوم دانشگاه خوارزمی، ۲۰۱۷، ۱، NO: 3 .۷۷-۸۶، ۲۲۳۱۱۲۵
- 7) «روش اسپلاین های رگرسیونی تطبیقی چند گانه (MARS) با پاسخ های فازی و کاربرد آن در پژوهش اجتماعی»، با همکاری رضائی مینا و نامداری مهشید، سیستم های فازی و کاربردها، ۱۵۳۳، ۴۵۰۰۱، ۲۰۲۱، NO: 2 .۱۹۵-۲۱۱
- 8) (مقاله در کنفرانس) «اثر دابلر و بررسیتابع چگالی طیفی سرعت نسبی از چگالی طیفی سیگنال گیرنده»، با همکاری سمية آزادی، هشتمین همایش ملی تخصصی آمار، ۱۱۳۹۷
- 9) (مقاله در کنفرانس)، «مروری بر چند روش پیش بینی و درونیابی فضایی»، هشتمین همایش ملی تخصصی آمار، ۱۱۳۹۸
- 10) (مقاله در کنفرانس)، «تابع توزیع جدید دوجمله ای مارکف»، با همکاری الهام مرادی، هشتمین همایش ملی تخصصی آمار، ۱۱۴۴۷

دکتر الهام روشن بین:

- 1) "How to Burn a Graph", with Jeannette Janssen and Anthony Bonato, Internet Mathematics, 2515867, VOL: 12, 2016, 85-100.
- 2) " Burning Graphs: A Probabilistic Perspective", with Paweł Pralat and Dieter Mitsche, GRAPHS AND COMBINATORICS, 2006526, VOL: 33, 2017, 449-471.
- 3) "Burning a graph is hard", with Stéphane Bessy and Anthony Bonato and Jeannette Janssen and Dieter Rautenbach, DISCRETE APPLIED MATHEMATICS, 2002281, VOL: 232, 2017, 73-87.
- 4) "Bounds on the burning number", with Stéphane Bessy and Anthony Bonato and Jeannette Janssen and Dieter Rautenbach, DISCRETE APPLIED MATHEMATICS, 2002281, VOL: 235, 2018, 16-22.
- 5) "Burning number of graph products", with Paweł Pralat and Dieter Mitsche, THEORETICAL COMPUTER SCIENCE, 2015911, VOL: 746, 2018, 124-135.
- 6) "A Polynomial Time Algorithm to Find the Star Chromatic Index of Trees", with Behnaz Omumi and Marziye V.Dastjerdi, ELECTRONIC JOURNAL OF COMBINATORICS, 2002452, NO: 1, VOL: 28, 2021, 1-16.

دکتر یاسمن ملکی یورتچی:

- 1) " Optimal Covariance Estimation of Discrete-Time Locally Self-Similar Processes in Time-Scale and Ambiguity Domain", COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, 2004850, 2016.
- 2) "Discretization of Continuous Time Discrete Scale Invariant Processes Estimation and Spectra", Saeed Rezakhah, JOURNAL OF STATISTICAL PHYSICS, 2010129, NO: 2, VOL: 164, 2016, 438-448.
- 3) "Scale Parameter Estimation of Discrete Scale Invariant Processes", Theory of Stochastic Processes, 2532252, NO: 1, VOL: 22, 2017, 62-69.

4) "Time-Dependent Scaling Patterns in Sarpol-e Zahab Earthquakes", with Mostafa Allamehzade , Journal of Seismology and Earthquake Engineering, 450000185, NO: 2, VOL: 20, 2018, 261-267.

5) "Optimal Scale Invariant Wigner Spectrum Estimation of Gaussian Locally Self-Similar Processes Using Hermite Functions", JOURNAL OF THEORETICAL PROBABILITY, 2010441, NO: 1, VOL: 32, 2019, 202-215.

6) "Generalized Likelihood Ratio Test for Detection of Multivariate DSI Processes", Theory of Stochastic Processes, 2532252, NO: 1, VOL: 23, 2019, 53-65.

7) "برآورد پارامتر هrstت وابسته به زمان در بزرگی زمین لرزه های کالیفرنیا", با همکاری علامه زاده مصطفی، علوم و مهندسی زلزله ، ۴۵۰۰۰۹۶۵ ، ۲۰۱۹ ، VOL: 6 ، NO: 3 ، ۲۰۱۹-۲۵ .

8) "Detection of Long-Range Correlations and Trends Between Earthquakes in California", with Mostafa Allamehzade , Journal of Seismology and Earthquake Engineering, 450000185, NO: 3, VOL: 21, 2019, 65-75.

دکتر پیام خان تیموری:

1) "Efficiently approximating color-spanning balls",with Ali Mohades and Mohammad Ali Abam and Mohammad Reza Kazemi, THEORETICAL COMPUTER SCIENCE, 2015911, VOL: 634, 2016, 120-126.

2) "Effiently computing the smallest axis-parallel squares spanning all colors", with A. Mohades and M.A. Abam and M.R. Kazemi and S. Sedighin, Scientia Iranica, 450000227, VOL: 24, 2017, 1325-1334.

3) "Approximation algorithms for color spanning diameter", with Ali Mohades and Mohammad Reza Kazemi, INFORMATION PROCESSING LETTERS, 2007288 VOL: 135, 2018 53-56.

4) "On approximability of minimum color-spanning ball in high dimensions", with Mohammad Reza Kazemi and Ali Mohades, DISCRETE APPLIED MATHEMATICS, 2002281, VOL: 272, 2019.

دکتر بیتا شمس:

1) "SibRank: Signed bipartite network analysis for neighbor-based collaborative ranking", with Saman Haratizade , PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, 2013209, VOL: 458, 2016, 364-377.

2) "Graph-based collaborative ranking", with Saman Haratizade , EXPERT SYSTEMS WITH APPLICATIONS, 2003409, VOL: 67, 2017, 59-70.

3) "IteRank: An iterative network-oriented approach to neighbor-based collaborative ranking", with Saman Haratizadeh, KNOWLEDGE-BASED SYSTEMS, 2010678, VOL: 128, 2017,102-114.

4) "Reliable graph-based collaborative ranking", with Saman Haratizade, INFORMATION SCIENCES, 2007291, VOL: 432, 2018, 116-132.

5) "Item-based collaborative ranking", with Saman Haratizade, KNOWLEDGE-BASED SYSTEMS, 2010678, VOL: 152, 2018, 172-185.

دکتر فاطمه آهنگری:

1) "Exhaustive Classification of the Invariant Solutions for a Specific Nonlinear Model Describing Near Planar and Marginally Long-Wave Unstable Interfaces for Phase Transition", COMMUNICATIONS IN THEORETICAL PHYSICS, 2004851, NO: 5, VOL: 69, 2018, 477-505.

2) "Construction of the holonomy invariant foliated cocycles on the tangent bundle via formal integrability", Turkish Journal of Mathematics, 2016256, VOL: 43, 2019, 81-102.

3) "Geometric Characterization of Totally Geodesic SODE Submanifolds", malaysian journal of mathematical sciences, 2232331, VOL: 13, 2019, 173-186.

4) "Conformal deformations of a specific class of lorentzian manifolds with non-irreducible holonomy representation", Numerical Algebra, Control and Optimization, 2524597, NO: 4, VOL: 9, 2019, 401-412.

5) (مقاله در کنفرانس) « شبیه سازی و مدلسازی پرواز هواپیما در گردباد و شناسایی مسیرهای بهینه زمانی جهت کاهش میزان مخاطرات احتمالی»، با همکاری بیدآباد بهروز، 21

6) (مقاله در کنفرانس), "Classification of the Geodesics and Noether Conservation Laws for some Specific Kaluza-Klein Solutions of Rotating Cylindrically Symmetric Fluid Models", ۲۱th IPM Physics Spring Conference, 326.

7) (مقاله در کنفرانس), "Comprehensive Geometric Investigation of Finslerian integrable Cocycles". هفتمین سمینار هندسه و توبولوژی، دانشگاه علم و صنعت ایران 377.

- 8) (مقاله در کنفرانس), “Geometric Characterization of Riemannian Foliated Cocycles via Holonomy Groups”, چهل و پنجمین کنفرانس ریاضی ایران، دانشگاه سمنان 611.
- 9) (مقاله در کنفرانس), “Identification of Completely Integrable Dynamical Systems via SODE Structure”, یازدهمین سمینار معادلات دیفرانسیل و سیستم های دینامیکی، دانشگاه دامغان 642.
- 10) (مقاله در کنفرانس), “Comprehensive Analysis of a Stochastic Continuum Equation of Ion-Sputtered Nanostructured Surfaces via Symmetries”, ۸th International Congress on Nanoscience Nanotechnology (ICNN۲۰۱۴), 11750.

دکتر مهناز نوروزی:

- 1) “Designing a secure designated server identity-based encryption with keyword search scheme: still unsolved”, with Iman Karrubi and Ziba Eslami, Annals of Telecommunications, 2000564, NO: 11, VOL: 73, 2018, 769-776.
- 2) “Comments on a chaos-based public key encryption with keyword search scheme”, with Ziba Eslami and Nasrollah Pakniyat, NONLINEAR DYNAMICS, 2012350, NO: 2, VOL: 94, 2018, 1127-1132.
- 3) “On the Security of a Privacy-Preserving Ranked Multi-Keyword Search Scheme”, With Ziba Eslami and Joonsang Baek, Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications, 2521047, NO: 1, VOL: 10, 2019, 75-85.
- 4) “Public-key encryption with keyword search: a generic construction secure against online and offline keyword guessing attacks”, With Ziba Eslami, Journal of Ambient Intelligence and Humanized Computing, 2026405, NO: 2, VOL: 11, 2020, 879-890.
- 5) “Public key authenticated encryption with keyword search: revisited”, with Ziba Eslami, IET Information Security, 2007107, NO: 4, VOL: 13, 2020, 336-342.
- 6) “Public key encryption with distributed keyword search”, With Ziba Eslami and Kobra Amirizirtol, Journal of Discrete Mathematical Sciences and Cryptography, 2517772, 2021, 1-25.

دکتر فرید بهروزی:

- 1) "A CHARACTERIZATION FOR THE SURJECTIVE ISOMETRIES BETWEEN TWO VECTOR VALUED SPACES OF CONTINUOUS FUNCTIONS", Mathematical Reports, 2011258, NO: 2, VOL: 21, 2019, 205-211.
- 2) "Ellis semigroupoid", Massoud Amini, SEMIGROUP FORUM, 2015020, 2021.
- 3) "The Furstenberg Boundary of Groupoids", Massoud Amini, SIBERIAN MATHEMATICAL JOURNAL, 2015131, VOL: 62, 2021, 773-781.

دکتر بهرام صادقی بی غم :

مقالات در کنفرانس ها

- 1) A new Heuristic approach for Art Gallery problem, 3rd Iran National Informatic Conference, Bahram Sadeghi Bigham, Sahar Badri and Nazanin Padkan, 2021.
- 2) Measurement Metrics Review for Shapes Matching based on Similarity, Scaling and Spatial Distance, Bahram Sadeghi Bigham and, Samaneh Mazaheri, 5th international conference on Contemporary issues in Data Science (CiDaS 2019), book chapter in Lecture Notes on Data Engineering and Communications Technologies.
- 3) Extracting an English-Persian Parallel Corpus from Comparable Corpora. Akbar Karimi, Ebrahim, Ansari, Bahram Sadeghi Bigham, Eleventh International Conference on Language Resources and Evaluation, LREC 2018 - 11th International Conference on Language Resources and Evaluation2019, Pages 3477-3482
- 4) Kinetic Nearest Neighbor Search in Black-Box Model, Bahram SadeghiBigham, Maryam Nezami and Marziyeh Eskandari, Iranian Conference on Computational Geometry (ICCG 2018), 63-66, Tehran, Iran, February 27, 2018
- 5) A learned soccer goalkeeper Petri net model, Gholami, Bigham, B.S, 7th Conference on Artificial Intelligence and Robotics, IRANOPEN 201723 June 2017, Article number 7956451, Pages 102-108.
- 6) one round voronoi game on grids, Rebvar Hosseini, Mehdi Khosravian, Mansoor Davoodi, Bahram Sadeghi Bigham, 32nd European Workshop on Computational Geometry, 2016, Lugano, Switzerland.
- 7) Minimum Constraint (Unit Axis Aligned Squares) Removal in Robot Motion Planning, f.noorizadeh, b_sadeghi_b, s.khodayifar, 3rd Conference on Recent Innovations in Electrical and Computer Engineering (ICEEC), 2016
- 8) A Greedy Agent-Based Resource Allocation in the Smart Electricity Markets, Armin Ghasem Azar, Mansoor Davoodi, Mohsen Afsharchi, Bahram Sadeghi Bigham, IFIP Advances in Information and Communication Technology Volume 436, 2014, Pages 150-161
- 9) The Use of Social Network Tools in Iran and the Impact of Improper Communication and Transparency of Information Security and Privacy, Arash Shaghaghi, Bahram Sadeghi Bigham, International Conference CITaDIM, 2013

- 10) Privacy in the Age of Smartphone A Study of Iranian User's Standard and Habits, Arash Shaghaghi, Bahram Sadeghi Bigham, International Conference CITaDIM, 2013.
- 11) J2ME And Mobile Database Design, Seyed Rebvar Hosseini, Lida Ahmadi, Bahram Sadeghi Bigham, Jalal Khairabadi, Armin Ghasem Azar, The Third International Conference on Contemporary Issues in Computer and Information Sciences, 2012
- 12) Selection of Effective Factors in Estimating of Customers respond to Mobile Advertising by using AHP, Mehdi Seyyed Hamzeh, Bahram Sadeghi Bigham, Reza Askari Moghadam, In 3th Conference of CICIS2012, 2012
- 13) Using Fuzzy Classification System for Diagnoses of Breast Cancer, Maryam Sadat Mahmoodi, Bahram Sadeghi Bigham, Adel Najafi, This paper is presented at In 3th Conference of CICIS2012, 2012
- 14) Tiling Finite Planes, Khairabadi, Sadeghi Bigham, Hosseini, Mohammad Alizadeh, The Third International Conference on Contemporary Issues in Computer and Information Sciences, 2012, 528-531
- 15) Solving Dominating Set Problem In Unit Disk Graphs By Genetic Algorithms, Azadeh Gholami, Mahmoud Shirazi, Bahram Sadeghi Bigham, Contemporary Issues in Computer and Information Sciences (CICIS 2012); 05/2012 , 498-503
- 16) A new fingerprint matching approach using level 2 and level 3 features. Rohollah Moosavi Tayebi, Samaneh Mazaheri, Bahram Sadeghi Bigham, Fourth International C* Conference on Computer Science & Software Engineering, C3S2E 2011, Montreal, Quebec, Canada, May 16-18, 2011, Proceedings; 01/2011, Pages 73-81.
- 17) Musical Instrument Recognition Using Artificial Neural Network, Mahmoud Shirazi, Alireza Khanteimoori, Bahram Sadeghi Bigham, The Second International Conference on Contemporary Issues in Computer and Information Sciences, 2011
- 18) Fingerprint Matching Using an Onion Layer Algorithm of Computational Geometry Based on Level 3 Features. Samaneh Mazaheri, Bahram Sadeghi Bigham, Rohollah Moosavi Tayebi, Digital Information and Communication Technology and Its Applications International Conference, Volume 166 CCIS, Issue PART 1, 2011, Pages 302-314
- 19) Forum's Information Extraction Algorithms, Saeed Sarencheh, Bahram Sadeghi Bigham, Vidiasagar Potdar, Bahman Ghandchi, Nazanin Firoozeh, Elham A. Yegane, First Meeting on "Contemporary Issues in Computer and Information Science, 2010, Page10-13.
- 20) Optimal Triangulation Using an Evolutionary Algorithm, Malihe Jahani , Bahram Sadeghi Bigham ; Abbas Askari, Proceedings - 2010 10th International Conference on Computational Science and Its Applications, ICCSA 20102010, Pages 81-85
- 21) An ant colony algorithm for the minimum weight triangulation, Jahani, M. Bigham, B. S. Askari, A, Proceedings - 2010 10th International Conference on Computational Science and Its Applications, ICCSA 20102010, Pages 81-85
- 22) An optimal solution for dynamic polar diagram, Ehsanfar, E. Bigham, B. S. Madadi, N. Proceedings of the 22nd Annual Canadian Conference on Computational Geometry, CCCG 20102010, Pages 51-54
- 23) Phishing guard and antivirus: A new approach, Sadeghi Bigham, B. Chernin, S. Madadi, A. Madadi, N. Tavajoh, P. Proceedings of the 2008 International Conference on Security and Management, SAM 20082008, Pages 309-312
- 24) Data Encryption Based On Protein Synthesis. Seyed Reza Alisobhani, Ferial Mehrabanpoor, Yaser Nosrati, Bahram Sadeghi Bigham, Proceedings of the 2008 International Conference on Genetic and Evolutionary Methods, GEM 20082008, Pages 278-283

- 25) Solving semantic problems in " chaff and winnowing" by using cryptography, Mohamadrezaei, S. Bigham, B. S. Proceedings of The 2007 International Conference on Security and Management, SAM'072007, Pages 152-156
- 26) Applications of Chaos Model in Software Development Process. Elnaz Bigdeli, Zeinab Bahmani, Bahram Sadeghi Bigham, Proceedings of the 2007 International Conference on Software Engineering Research & Practice, SERP 2007, Volume I, June 25-28, 2007, Las Vegas Nevada, USA; 01/2007

Journal Papers

- 1. Minimum Constraint Removal Problem for Line Segments is NP-hard. *arXiv preprint arXiv:2107.03140* (2021). accepted in Discrete Mathematics, Algorithms and Applications (DMAA).
- 2. [Minimum landmarks for robot localization in orthogonal environments](#), B. Sadeghi Bigham, S. Dolatikalan- A. Khastan, Evolutionary Intelligence, 2021, <https://doi.org/10.1007/s12065-021-00616-8>
- 3. [Automatic Suspicious Lesions Segmentation based on Variable-Size Windows in Mammography Images](#), Bahram Sadeghi , Meysam Karimi , Samaneh Mazaheri, *Health and Technology* 11.1 (2021): 99-110.
- 4. [GSR: geometrical scan registration algorithm for robust and fast robot pose estimation](#), F Shamsfakhr, BS Bigham, Assembly Automation, 2020.
- 5. [Polar Diagram of Points with Moving Pole](#), Sadeghi Bigham B. and Rabbani F., Journal of Information and Telecommunication Technology, 41.41 (2020): 97.
- 6. [A polynomial time algorithm for big data in a special case of minimum constraint removal problem](#), Sadeghi Bigham, B., Noorizadeh, F., Khodayifar, S. Evolutionary Intelligence, Volume 13, Issue 2, 1 June 2020, Pages 251-254
- 7. [Measuring similarity for query in geometric data](#), BS Bigham, RA Langroudi, SN Applied Sciences 1 (10), 1193 (2019)
- 8. [Selecting Smart Strategies Based on Big Data Techniques and SPACE Matrix \(FASE model\)](#), Mohammad Ali FARAJIAN , Shahriar MOHAMMADI, Bahram SADEGHI BIGHAM, Farhad SHAMS, Cumhuriyet Science Journal, Year 2019, Volume 40 , Issue 1, Pages 253 – 264
- 9. [Indoor mobile robot localization in dynamic and cluttered environments using artificial landmarks](#), Shamsfakhr, F. Sadeghi Bigham, B. Mohammadi, A. Engineering Computations (Swansea, Wales), Volume 36, Issue 2, 11 March 2019, Pages 400-419
- 10. [A Survey on Measurement Metrics for Shape Matching based on Similarity, Scaling and Spatial Distance](#), B. Sadeghi Bigham and Samaneh MAzaheri, A book Chapter in “Proceedings of the International Conference on Contemporary Issues in Data Science, Series title: Lecture Notes on Data Engineering and Communications Technologies, Springer, 2019.
- 11. [Extra: Expertise-boosted model for trust-based recommendation system based on supervised random walk](#), Moghaddam, F. B., Bigham, B. S. Computing and Informatics, Volume 37, Issue 5, November 2018, Pages 1209-1230
- 12. [Soccer Goalkeeper Task Modeling and Analysis by Petri Nets](#), Azadeh Gholami, Bahram Sadeghi Bigham, Journal of Computer & Robotics 11 (1), 2018 77-85
- 13. [A multi-objective market-driven framework for power matching in the smart grid](#), AG Azar, M Afsharchi, M Davoodi, BS Bigham, Engineering Applications of Artificial Intelligence 70, 199-215, 2018
- 14. [A learned soccer goalkeeper petri net model , Azadeh Gholami, Bahram Sadeghi Bigham, 2017 Artificial Intelligence and Robotics \(IRANOPEN\), IEEE, 102-108](#)

5. [A new image mining approach for detecting micro-calcification in digital mammograms](#), F. Moradkhani and B. Sadeghi Bigham, UAAI: Applied Artificial Intelligence, 31 (3), 411-424 | DOI: 10.1080/08839514.2017.1378082, 2017
6. [A neural network approach to navigation of a mobile robot and obstacle avoidance in dynamic and unknown environments](#), F SHAMSAKHR, BS BIGHAM, Turkish Journal of Electrical Engineering & Computer Sciences, 25 (3), 2017, 1629-1642
7. [Over-sampling via under-sampling in strongly imbalanced data](#), R. Jamili O., B. Sadeghi Bigham, International Journal of Advanced Intelligence Paradigms, Vol 9 (1), 2017, 58-66
8. [Adaptive Data Hiding Using Pixel-Value-Differencing and LSB Substitution](#), M. Khodaei, B. Sadeghi Bigham, J. Faez, Cybernetics and Systems journal, Volume 47, Issue 8, 16 November 2016, Pages 617-628
9. [The Effect of some Genetic Mutations on Endometriosis Using Data Mining Techniques](#), Bahrami L. Sadeghi Bigham B. , Kamali K., The Journal of Zanjan University of Medical Sciences, Vol. 24, No 105, 2016,: 97-106
0. [Design, Implementation and Evaluation of Multi-terminal Binary Decision Diagram based Binary Fuzzy Relations](#), Hamid Alavi Tousi, Bahram Sadeghi Bigham, Journal of Information Systems and Telecommunication, Vol. 4, No 2, 2016: 117-124
1. [ROAD ACCIDENT DATA ANALYSIS: A DATA MINING APPROACH](#) , Farzaneh Moradkhani, Bahram Sadeghi Bigham, Somaye Ebrahimkhani, Indian Journal of Scientific Research 05/2014; 3(3):437443.
2. [The Complex Case of Online Privacy for Iranian Users of Social Networks](#), Arash Shaghaghi, Bahram Sadeghi Bigham, International Journal of Computer & Information Technologies (IJOCIT), 2014,2(2), 426-440
3. [Using Voronoi Diagrams to Solve a hybrid Facility Location Problem with attentive Facilities](#), A. Didandeh, B. Sadeghi Bigham, M. Khosravian, F. Bakhshandegan, Information Sciences , Volume 234, 10 June 2013, Pages 203-216
4. [A combinatorial cooperative-tabu search feature reduction approach](#), E. Ansari, M.H. Sadreddin, B. Sadeghi Bigham, F. Alimardani, Scientia Iranica , Volume 20, Issue 3, June 2013, Pages 657-662
5. [Ten Steps for Software Quality Rating Considering ISO/IEC](#) , Bahram Sadeghi Bigham, Hassan Alizadeh, Hossein Afsari, Journal of Information Systems and Telecommunication. 09/2013; 1(3):191-195.
6. [Tiling a Rectangular Area Using a Set of Unique Squares](#) , Jalal Khairabadi, Bahram Sadeghi Bigham, Rebar Hosseini, Zohreh Mohammad Alizadeh, International Journal of Computer & Information Technologies (IJOCIT) . 11/2013; 1(2):97-105.
7. [Computer Assisted Assessment \(CAA\) and Electronic Problem Based Learning](#), Mohammad Jafarabadi Ashtian , Mansoor Nomanof, Bahram Sadeghi Bigham, Akram Madadi, Life Science Journal, Volume 10, Issue 1, March 2013, Pages 726-730
8. [Near-pole polar diagram of objects and duality](#), Bahram Sadeghi Bigham, Marzieh Eskandari, Maryam Tahmasebi , Journal of Computer Science, Volume 3, Issue 3, May 2012, Pages 127-131
9. [Computer as Mathematics Facilitator in Problem Based Learning](#), Jafarabadi Ashtian, Nomanof, Sadeghi Bigham , Journal of American Science. 01/2012; 8(9):436-441.
0. [The one-round weighted Voronoi Game](#), Zeinab Hassani, Bahram Sadeghi Bigham, Marzieh Eskandaric, AWERProcedia Information Technology & Computer Science. 01/2012
1. [Good's history and trust in electronic commerce](#). Parvin Abbasi, Bahram Sadeghi Bigham, Saeed Sarencheh, Procedia CS. Volume 3, 2011, Pages 827-832
2. [An applicable master plan to develop city's information technology infrastructure](#)., Saeed Sarencheh, Bahram Sadeghi Bigham , Procedia CS. 01/2011; 3:840-847.
3. [Fingerprint Matching Using an Onion Layer Algorithm of Computational Geometry Based on Level 3 Features](#), Samaneh Mazaheri, Bahram Sadeghi Bigham, Rohollah Moosavi Tayebi, Part of the [Communications in Computer and Information Science](#) book series (CCIS, volume 166), 2011, pp 302-314.

4. [On the Number of Guards in Sculpture Garden Problem](#), M. Eskandari, A. Mohades, B. Sadeghi Bigham , World Applied Sciences Journal. 01/2010; 10(10):1255-1263.
5. [Near Pole Polar Diagram of points and its Duality with Applications](#), Bahram Sadeghi Bigham Ali Mohades, Basic Science and Applied Engineering. 01/2010; 20(70-E):79-84.
6. [Dynamic polar diagram](#), Bahram Sadeghi Bigham, Ali Mohades, Lidia M. Ortega, Inf. Process. Lett. Volume 108, Issue 2, 31 December 2008, Pages 142-146.
7. [Polar Diagram with respect to a Near Pole](#), Bahram Sadeghi Bigham, Ali Mohades, 23rd European Workshop on Computational Geometry EWCG07, 2007, 206-209.