

# Farshid Khojasteh

## Curriculum Vitae

+98(918)864-3203  
fr\_khojasteh@yahoo.com  
DOB: October 27, 2018



### Academic Addresses

- 2006-2019 **Department of Mathematics, Arak Branch, Islamic Azad University, Arak, Iran.**
- 2013-2019 **Young Researcher and Elite Club, Arak Branch, Islamic Azad University, Arak, Iran.**

### Education

- 1999–2003 **University of Kurdistan, Sanandaj, Iran, Bachelors of Science, Pure Mathematics.**
- 2003–2006 **Kharazmi University, Tehran, Iran, Master of Science, Mathematical Analysis.**
- 2006–2011 **Science and Research Branch, Islamic Azad University, Tehran, Iran, Philosophy Doctor, Mathematical Analysis.**

### Academic Awards

- Top Paper of 2012, in Applied Mathematics Letters, Farshid Khojasteh, Vladimir Rakočević, Some new common fixed point results for generalized contractive multi-valued non-self-mappings, Applied Mathematics Letters. (2012), 287-293.
- 2010-2011 **Recognized as the Best Researcher, Islamic Azad University, Arak Branch.**
- 2012-2013 **Recognized as the Best Researcher, Islamic Azad University, Arak Branch.**
- 2014-2015 **Recognized as the Best Researcher, Islamic Azad University, Arak Branch.**
- 2017-2018 **Recognized as the Best Researcher, District 5 of Islamic Azad University.**
- 2013-2014 **Farshid Khojasteh has been capable of receiving the Best Researcher Award among Islamic Azad Universities in Markazi province of Iran, THE BEST RESEARCHER.**

### Skills & Abilities

- Programming Languages: MAPLE, MATLAB, C++
- Software: PHOTOSHOP, LATEX, MS WORD, MS EXCEL

### Publications

- Articles **Refereed Articles Accepted and published Journals, Total: 37.**
- 2010 **F. Khojasteh, Z. Goudarzi, A. Razani, (ISI), Some Fixed Point Theorems of Integral Type Contraction in Cone Metric Spaces, Fixed Point Theory and Applications, Volume 2010, Article ID 189684, 13 pages (Doi:10.1155/2010/189684).**
- 2010 **F. Khojasteh, A new fixed point theorem in cone metric space and its application, Mathematics Scientific Journal, 6 (2010), 43-49.**

- 2010 **F. Khojasteh, A. Razani**, *Fixed point theorem for  $\rho$ -asymptotic contractions of Meir-Keeler type in modular spaces*, *Mathematics Scientific Journal* , 5 (2010), 31-40.
- \* 2011 **S. Moradi, F. Khojasteh**, (ISI), *Endpoints of multi-valued generalized weak contraction mappings*, in *Nonlinear Analysis Theory Methods & Applications*, 74 (2011), 2170- 2174.
- 2011 **F. Khojasteh, A. Razani, S. Moradi**, (ISI), *A fixed point of generalized TF-contraction mappings in cone metric spaces*, *Fixed Point Theory and Applications*, 2011, (2011)14 (Doi:10.1186/1687-1812-2011-14).
- \* 2012 **F. Khojasteh, V. Rakochevic**, (ISI), *Some new common fixed point results for generalized contractive multi-valued non-self-mappings*, *Applied Mathematics Letter*, 25 (2012), 287-293.
- \* 2013 **F. Khojasteh, A. Razani**, (ISI), *Fixed point theorems for single-valued and multi-valued mixed monotone operators of Meir-Keeler type*, *Nonlinear and Convex Analysis*, Vol.14, No.2 (2013), 343-350.
- 2013 **F. Khojasteh**, (ISI), *Some new results for single-valued and multi-valued mixed monotone operators of Rhoades type* *Fixed Point Theory and Applications*, 2013 (2013)73 (Doi:10.1186/1687-1812-2013-73).
- 2013 **Erdal Karapinar, F. Khojasteh**, (ISI),  *$\theta$ -metric space: A Generalization*, *Mathematical Problems in Engineering*, Volume 2013 (2013), Article ID 504609, 7 pages (Doi:10.1155/2013/504609).
- \* 2014 **M. Abbas, F. Khojasteh**, (ISI), *Common  $f$ -endpoint for hybrid generalized multi-valued contraction mappings*, *RACSAM(2014)* (DOI 10.1007/s13398-012-0107-1).
- 2014 **F. Khojasteh H. H. Alsulami, E. Karapinar, A. Roldan**, (ISI), *A proposal to the study of contractions in quasi metric spaces*, *Discrete Dynamics in Nature and Society*, Accepted.
- 2014 **F. Khojasteh, Wei-Shih Du, Yung-Nan Chiu**, (ISI), *Some generalizations of Mizoguchi-Takahashi's fixed point theorem with new local constraints*, *Fixed Point Theory and Applications* (Doi:10.1186/1687-1812-2014-31).
- 2014 **F. Khojasteh, Wei-Shih Du**, (ISI), *New Results and Generalizations for Approximate Fixed Point Property and Their Applications*, *Abstract and Applied Analysis*, Volume 2014, Article ID 581267, 9 pages (Doi:10.1155/2014/581267).
- 2014 **M. Abbas, F. Khojasteh**, (ISI), *Common approximate  $T$ -endpoint property of multi-valued mappings*, *Nonlinear and Convex Analysis*, Accepted.
- 2014 **F. Khojasteh, S. Moradi**, (ISI), *Endpoints of  $\varphi$ -weak and generalized  $\varphi$ -weak multi-valued contractive mappings*, *Filomat*, 26 (4) (2015), 725-732.
- 2014 **F. Khojasteh, M. Abbas, S. Costache**, (ISI), *Two new types of fixed point theorems in complete metric spaces*, *Abstract and Applied Analysis* Volume 2014, Article ID 325840, 5 pages (Doi:10.1155/2014/325840).
- 2014 **Ravi P. Agarwal, Hamed H. Alsulami, Erdal Karapinar, Farshid Khojasteh**, (ISI), *Remarks on Some Recent Fixed Point Results on Quaternion-Valued Metric Spaces*, *Abstract and Applied Analysis* Volume 2014, Article ID 171624, 8 pages (Doi:10.1155/2014/171624).
- \* 2015 **F. Khojasteh, S. Shukla, S. Radenovic**, (ISI), *A new approach to the study of fixed point theory for simulation functions*, *Filomat* 29:6 (2015), 1189-1194 DOI 10.2298/FIL1506189K.
- 2015 **Mojgan Javahernia, Abdolrahman Razani, Farshid Khojasteh**, (ISI), *Common fixed point of the generalized Mizoguchi-Takahashi's type contractions*, *Fixed Point Theory and its Applications*. 2015 (2015) (Doi: 10.1186/1687-1812-2014-195).
- \* 2015 **S. A. Al-Mezel, H. H. Alsulami, E. Karapinar, F. Khojasteh**, (ISI), *A note on fixed point results in complex-valued metric spaces*, *Journal of inequality and its Applications*, 2015:33, (Doi:10.1186/s13660-015-0550-6).

- 2016 **Hamed H Alsulami, Ravi Agarwal, Erdal Karapinar, Farshid Khojasteh, (ISI)**, A short note on  $C^*$ -valued contraction mappings, *Journal of Inequalities and Applications*, 2016:50 (2016) (<https://doi.org/10.1186/s13660-016-0992-5>).
- 2016 **F. Khojasteh, E. Karapinar, H. Khandani, (ISI)**, Some applications of Caristi's fixed point theorem in metric spaces, *Fixed Point Theory and Applications*, 2016:16 (2016) (DOI 10.1186/s13663-016-0501-z).
- \* 2016 **F. Zarinfar, F. Khojasteh, S. M. Vaezpour, (ISI)**, A New Approach to the Study of Fixed Point Theorems with  $w$ -Distances via  $R$ -Functions, *Journal of Function Spaces* Volume 2016, Article ID 6978439, 9 pages (Doi: 10.1155/2016/6978439).
- 2016 **F. Khojasteh, A. F. R. Lopez de Hierro**, The Study of manageable functions and approximate fixed point property with their application, *Commun. Nonlinear Anal.* 1 (2016), 8-15.
- \* 2017 **E. Karapinar, F. Khojasteh, (ISI)**, An approach to best proximity points results via simulation functions, *Journal of Fixed Point Theory Applications*, 19(3) (2017), 1983-1995. (DOI 10.1007/s11784-016-0380-2).
- \* 2018 **F. Zarinfar, S. M. Vaezpour, F. Khojasteh, (ISI)**, Generalization of Darbos Fixed Point Theorem via  $SR_\mu$ -Contractions with Application to Integral Equations. *FILOMAT*, 32(1) (2018), 55-69.
- \* 2018 **F. Khojasteh, A. F. Roldan, S. Moradi, (ISI)**, On quasi-contractive multi valued mappings' open problem in complete metric spaces. *Mathematical Methods in Applied Science*, Volume 41, Issue 17, Special Issue: CMMSE 2017,30 November 2018, Pages 7147-7157 (DOI:10.1002/mma.4729).
- 2018 **Farshid Khojasteh, Mujahid Abbas**, A Counterexample of Lim's Open Problem. *Journal of Fixed Point Theory and Applications*, Under Review.
- 2018 **B. Alqahtani, E. Karapinar, F. Khojasteh**, Extended strong  $b$ -metric spaces with some fixed point results, *Bulletin of Mathematical Analysis and Applications*, Volume 10 Issue 3(2018), 25-35..
- 2018 **Sh. Ghasemzadehdibagi, M. Asadi, S. Haghayeghi And F. Khojasteh, (ESCI)**, A new three-step iteration method for  $\alpha$ -nonexpansive mappings and variational inequalities, *Journal Of Mathematical Analysis*, 9(3), 38-46.
- \* 2019 **F. Khojasteh, H. Khandani, (ESCI)**, Scrutiny of Some Fixed Point Results by  $S$ -operators without Triangular Inequality, *Mathematica Slovaca*, Accepted.
- 2018 **K. Sitthithakerngkiet, S. Komal, Dh. Gopal, F. Khojasteh, P. Kumam, (ISI)**, The approximate solution for generalized proximal contractions in complete metric spaces, *Thai Journal of Mathematics: 200-212* Special Issue: Annual Meeting in Mathematics 2018 .
- 2019 **GH. Heidari, A. Farajzadeh, M. Azhini, F. Khojasteh, (ESCI)**, Description of GF-manageable functions and its consequences in multi-valued contraction, *Conference FPTA Paper*, Accepted.
- 2019 **Gh. Heidari, A. Farajzadeh, M. Azhini, F. Khojasteh, (ESCI)**, A new common fixed point theorem for Suzuki generalized  $(\psi - \varphi)$ -weak contractions in ordered metric spaces, *Thai Journal of Mathematics*, Accepted.
- 2019 **Gh. Heidari, A. Farajzadeh, M. Azhini, F. Khojasteh, (ESCI)**, A new common fixed point theorem for Suzuki type contractions via generalized  $\psi$ -simulation functions, *Sahand Communication in Mathematical Analysis*, Vol. 16 No. 1 (2019), 129-148, Doi: 10.22130/scma.2018.78315.359.
- 2019 **S. Pourrazi, F. Khojasteh, M. Javahernia, H. Khandani, (ESCI)**, On non-triangular metric and  $JS$ -metric spaces and related consequences via  $\widehat{Man}(\mathbb{R})$ -contractions, *Journal of Mathematical Analysis* , 10(1) (2019), 31-39..
- \* 2019 **S. Pourrazi, F. Khojasteh, M. Javahernia, H. Khandani, (ISI)**, An affirmative answer to quasi-contraction's open problem under some local constraints in  $JS$ -metric spaces, *Mathematical Modeling and Analysis*, 24(3), 445-456. <https://doi.org/10.3846/mma.2019.027>.

- \* 2019 **Erdal Karapinar, Farshid Khojasteh, Zoran Mitrovic, (ESCI)**, A proposal for re-visiting Banach and Caristi type in b-metric spaces, *Mathematics* 2019, 7(4), 308; <https://doi.org/10.3390/math7040308>.
- \* 2019 **Chi-Ming Chen, Gholamreza Heidary Joonaghany, Erdal Karapinar and Farshid Khojasteh, (SCIE)**, On Bilateral Contractions, *Mathematics*, 7(6), 538; <https://doi.org/10.3390/math7060538>.
- \* 2019 **Erdal Karapiner, Farshid Khojasteh and Wasfi Shatanawi, (SCIE)**, Revisiting Ciric-Type Contraction with Caristi's Approach, *Symmetry*, 11(6), 726; <https://doi.org/10.3390/sym11060726>.

## International Conferences

- 2013 **International Conference of Fixed Point Theory and its Application, Galatasaray University, Istanbul, Turkey.**  
Invited Speaker
- 2016 **International Conference on Differential Geometry, Algebra and Analysis (ICDGAA-16), Delhi, India.**  
Invited Speaker
- 2017 **Mathematical Methods in Engineering, Cankaya University, Ankara, Turkey.**  
Invited Speaker
- 2017 **19th International Conference Computational And Mathematical Methods In Science And Engineering (CMMSE) 2017, Spain, Cadiz.**  
Invited Speaker
- 2017 **International, Society for Analysis, its Applications and Computation (ISSAC) 2017, Linnaeus University, Vaxjo, Sweden.**  
Invited Speaker

## Coursework

- 2011 M. SC. **(since 2011)**, *Real Analysis, Banach Algebra, C\*-Algebra.*  
and Ph.D. *Functional Analysis*  
Courses
- 2006 B. SC. **(since 2006)**, *Mathematical Analysis 1,2,3, Calculus 1,2,3, Ordinary Differential Equations.*  
Courses *Mathematics Basics*

## Academic Teaching Experience

- Visiting Professor **Arak University, 2010-2012.**
- Lecturer **Islamic Azad University, Science and Research Branch, Tehran, 2012 up to now.**
- Visiting Professor **Amirkabir University of Technology, 2012-2015.**
- Lecturer **Islamic Azad University, Arak Branch, 2009 up to now.**
- Visiting Professor **Technical University of Arak, 2010-2012.**

## Special Experience

- Since 2018 **Editor in Chief of Communications in Nonlinear Analysis**, [www.cna-journal.com](http://www.cna-journal.com).
- Since 2017 **Editorial Board of Research in Fixed Point Theory and Application**, <http://www.researchinthefixedpointtheory.com/editorial-board/>.

Since 2009 **Executive Editor of Theory of Approximation and Applications(TAA)**, <http://msj.iau-arak.ac.ir>.

Since 2015 **Executive Editor of Advances in Mathematical Finance and its Applications(AMFA)**, <http://amfa.iau-arak.ac.ir>.

## Languages

English **Advanced Level and Fluent**

Persian **Native Speaker**

## Graduated and Under Graduation Students

- 2012 **Sonya Hosseini**, M. Sc. Grade, On the block GMRES Method with deflated restarting, Arak Science and Research Branch, Islamic Azad University.  
(Graduated)
- 2013 **Saeed Rabbani Ju**, M. Sc. Grade, Theory of integral-valued data envelopment analysis under alternative returns to scale axioms, Arak Branch, Islamic Azad University.  
(Graduated)
- 2013 **Mojgan Javahernia**, Ph.D. Grade, Existence of fixed point for generalized contraction, Karaj Branch, Islamic Azad University, Karaj, Iran.  
(Under Graduation)
- 2016 **Ali Nemati**, M.Sc. Grade, Student understanding of integral symbolic forms via cognitive resources, Arak Branch, Islamic Azad University.  
(Graduated)
- 2017 **Elham Adiban**, M. Sc. Grade, Influence parameters on the concept of infinity understanding, Arak Branch, I.A. Univ..  
(Graduated)
- 2017 **Mahmood Asgari Nejad**, M. Sc. Grade, Influence parameters on the concept of infinity Integrals' understanding, Arak Branch, Islamic Azad University.  
(Graduated)
- 2018 **Farzad Zarinfar**, Ph. D. Grade , Characterization of nonlinear contractions in metric spaces and its application to solve the integral equations, Science and Research Branch, Islamic Azad University, Tehran, Iran .  
(Graduated)
- 2018 **Gholamreza Heydari**, Ph. D. Grade, Generalization of some fixed point theorems for single and multi-valued weak contractions in metric-type spaces with auxiliary functions and new means, Science and Research Branch, Islamic Azad University.  
(Under Graduation)
- 2018 **Sanaz Pourrazi**, Ph. D. Grade, Fixed points of generalized single valued and multi valued mappings in metric type spaces Shabestar Branch, Islamic Azad University.  
(Under Graduation)