

CURRICULUM VITAE (CV)



Mohammad Sal Moslehian

(Last Updated March 2020)

(I) Personal Data

Name: Mohammad

Surname: Sal Moslehian

(Abbreviation: M. S. Moslehian)

Birthday: 21 March 1966

Place of birth: Mashhad, Iran

Nationality: Iranian

Title of M.Sc Thesis: Quasi States on C^* -Algebras

M.Sc. Supervisor: Professor Assadollah Niknam

Duration of M.Sc. study: September 1989-September 1991

Title of Ph.D Dissertation: Homology and Local Cohomology for Banach Algebras

Ph.D. Supervisor: Professor Assadollah Niknam

Duration of Ph.D. study: September 1996-February 1999

Present job: Full Professor of Mathematics

Current appointment: Full-time Permanent

Mail address: Department of Pure Mathematics, Faculty of Math. Sciences, Ferdowsi University of Mashhad, P. O. Box 1159, Mashhad 91775, Iran.

Spouse's name: Maryam Amyari (Associate Professor in Mathematics: Functional Analysis)

Children: Anahita Sal Moslehian and Arash Sal Moslehian

E-mail: moslehian@um.ac.ir, moslehian@yahoo.com, moslehian@member.ams.org

Home: <http://www.um.ac.ir/~moslehian/>

Tel-Fax: 0098-51-38817375 **Tel-Office:** (+98)(51)(38806202) **Mobile:** +98-9151140894

Google Scholar: <https://scholar.google.com/citations?hl=en&user=9kb-JFgAAAAJ>

Publons: <https://publons.com/researcher/2816981/mohammad-sal-moslehian/>

Mendeley: <https://www.mendeley.com/profiles/mohammad-sal-moslehian/?orcidImportStatus=orcid-import-success>











ORCID: orcid.org/0000-0001-7905-528X

Google Scholar: <https://scholar.google.com/citations?user=9kb-JFgAAAAJ&hl=en&authuser=2>





Google Scholar: Citations: 4619 h-index: 32 i10-index: 112	Mendeley: Documents:188 Citations: 2312 Co-authors: 143 h-index: 23	Publons: Documents: 192 Citations: 2179 h-index: 22	MathSciNet Documents: 242 Citations: 1422
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(II) List of Publications:













Ten selected Papers













-  H.G. Dales and M.S. Moslehian, Stability of mappings on multi-normed spaces, *Glasgow Math. J.* 49 (2007), no.2, 321-332.
-  J.S. Matharu and M.S. Moslehian, Gruss inequality for some types of positive linear maps, *J. Operator Theory* 73 (2015), no. 1, 265-278.
-  V. Manuilov, M.S. Moslehian, Q. Xu, Douglas factorization theorem revisited, *Proc. Amer. Math. Soc.* 148 (2020), no 3, 1139-1151.
-  M.S. Moslehian, Conditionally positive definite kernels in Hilbert C*-modules, *Positivity* 21 (2017), no. 3, 1161--1172.
-  M. Joita and M.S. Moslehian, A Morita equivalence for Hilbert C*-modules, *Studia Math.* 209 (2012), no. 1, 11-19.
-  M. Amyari, M. Chakoshi and M.S. Moslehian, Quasi-representations of Finsler modules over C*-algebras, *J. Operator Theory* 70 (2013), no. 1, 181-190.
-  M. Mirzavaziri and M.S. Moslehian, Automatic continuity of σ -derivations on C*-algebras, *Proc. Amer. Math. Soc.* 134 (2006), no. 11, 3319-3327.
-  M.S. Moslehian and H. Najafi, Around operator monotone functions, *Integral Equations Operator Theory* 71 (2011), no. 4, 575-582.
-  V. Manuilov, M.S. Moslehian, Q. Xu, Douglas factorization theorem revisited, *Proc. Amer. Math. Soc.* 148 (2020), no 3, 1139-1151.
-  M.S. Moslehian and Gh. Sadeghi, A Mazur-Ulam theorem in non-Archimedean normed spaces, *Nonlinear Anal. (TMA)* 69 (2008), no. 10, 3405-3408.












Research Papers













-  R. Eskandari, M. Frank; V. Manuilov, M.S. Moslehian, Extensions of the Lax--Milgram theorem to Hilbert C^* -modules, *Positivity* (to appear).
-  M.S. Moslehian, Approximate n -idempotents and Generalized Aluthge Transform, *Aequationes Math.* (to appear).
-  M.S. Moslehian, Gh. Sadeghi, and M. Pliev, Inequalities for acceptable noncommutative random variables, *Infin. Dimens. Anal. Quantum Probab. Relat. Top.* (to appear).
-  A. Dadkhah and M.S. Moslehian, Non-linear positive maps between C^* -algebras, *Linear Multilinear Algebra* (to appear).
-  M. Ghaderi Aghideh, J. Rooin, and M.S. Moslehian, Improved inequalities for operator space numerical radius, *Math. Rep.* (to appear).
-  M. Kian, M.S. Moslehian, Y. Seo, Variants of Ando--Hiai inequality for operator power means, *Linear Multilinear Algebra* (to appear).
-  S. Rajabi, J. Rooin, and M.S. Moslehian, p -Angular distance orthogonality, *Aequationes Math.* 94 (2020), 103-121.
-  S. Rajabi, J. Rooin, and M.S. Moslehian, Extension of Dunkl-Williams inequality and characterizations of inner product spaces, *Rocky Mountain J. Math.* 49 (2019), no. 8, 2755--2777.
-  A. Zamani, M.S. Moslehian, M.T. Chien, and H. Nakazato, Norm-parallelism and the Davis--Wielandt radius of Hilbert space operators, *Linear Multilinear Algebra* (2019), no. 11, 2147--2158.
-  A. Talebi, M.S. Moslehian and Gh. Sadeghi, Etemadi and Kolmogorov inequalities in noncommutative probability spaces, *Michigan Math. J.* 68 (2019), no. 1, 57--69.












-  A. Zamani and M.S. Moslehian, An extension of orthogonality relations based on norm derivatives *Q. J. Math.* 70 (2019), no. 2, 379--393.
-  M.S. Moslehian, A. Dadkhah, and K. Yanagi, Noncommutative versions of inequalities in quantum information theory. *Anal. Math. Phys.* 9 (2019), no. 4, 2151-2169.
-  M. Ghaderi Aghideh, M.S. Moslehian, and J. Roojin, Sharp Inequalities for the Numerical Radius of Block Operator Matrices, *Anal. Math.* 45 (2019), no. 4, 687--703.
-  M.S. Moslehian, A. Zamani, and A. Zamani, Approximately angle preserving mappings, *Bull. Aust. Math. Soc.* 99 (2019), no. 3, 485--496.
-  M.S. Moslehian and A. Talebi, A variance bound for a general function of independent noncommutative random variables, *Quaest. Math.* 42 (2019), no. 3, 307--318.
-  A. Talebi, M.S. Moslehian, and Gh. Sadeghi, A representation of noncommutative BMO spaces, *Statist. Probab. Lett.* 153 (2019), 65--70.
-  A. Talebi, M.S. Moslehian, Non-commutative Stein inequality and its applications, *Comm. Statist. Theory Methods* 48 (2019), no. 7, 1611--1620.
-  W. Luo, M. S. Moslehian, and Q. Xu, Halmos' two projections theorem for Hilbert C^* -module operators and the Friedrichs angle of two closed submodules. *Linear Algebra Appl.* 577 (2019), 134--158.
-  M.S. Moslehia, M. Kian, Q. Xu, Positivity of 2x2 block matrices of operators, *Banach J. Math. Anal.* 13 (2019), no. 3, 726--743.
-  M. S. Moslehian, H. Najafi, and M. Kian, An operator inequality for bounded linear maps between C^* -algebras, *Bull. Malay. Math. Sci. Soc.* (2019), no. 5, 2135--2149.
-  T. Bottazzi, C. Conde, M.S. Moslehian, P. Wojcik, and A. Zamani, Orthogonality and parallelism of operators on various Banach spaces, *J. Aust. Math. Soc* 106 (2019), no. 2, 160--183.












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-  X. Fang, M. S. Moslehian, and Q. Xu, On majorization and range inclusion of operators on Hilbert C^* -modules, *Linear Multilinear Algebra* 66 (2018), no. 12, 2493--2500.
-  R. Eskandari, X. Fang, M. S. Moslehian, and Q. Xu, Positive solutions of the system of operator equations $A_1X=C_1$, $XA_2=C_2$, $A_3XA^{*3}=C_3$, and $A_4XA^{*4}=C_4$ in Hilbert C^* -modules, *Electron. J. Linear Algebra* 34 (2018), 381-388.
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-  M.S. Moslehian, A. Zamani and M. Dehghani, Characterizations of smooth spaces by ρ^* -orthogonality, *Houston J. Math.* 43 (2017), no. 4, 1187-1208.
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-  M. Aldaz, S. Barza, M. Fujii and M.S. Moslehian, Advances in Operator Cauchy-Schwarz inequalities and their reverses, *Ann. Funct. Anal.* 6 (2015), no. 3, 275-295.
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Translations

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- R. Hersh, Independent thought, translated into Persian by M.S. Moslehian and F. Rahbarnia, *J. Math. thought and culture of Iranian Math. Soc.*, Vol 21, No. 2, 2002.
- H. Euler, A history of $2+2=5$, translated into Persian by M.S. Moslehian, *Roshd-e Amouzeshe-e Riazi*, No. 62, 2001.
- P.R. Halmos, How to be a mathematician, translated into Persian by M.S. Moslehian, *Roshd-e Amouzeshe-e Riazi*, No. 57, 2000.
- H. Wang, What is the mathematics? (a part of the article entitled "Theory and practice in Mathematics"), translated into Persian by M.S. Moslehian, *J. Math. thought and culture of Iranian Math. Soc.*, No. 20, 1998.
- R. Hersh, Let's teach philosophy of mathematics, translated into Persian by M.S. Moslehian, *Nashr-e riazi*, Vol.7, No. 1, 1995.

Books

- A. Niknam and M.S. Moslehian, *Topology*, Ferdowsi Univ. Press, Mashhad, 2005.
- M.S. Amer Paihan and M.S. Moslehian, *Who is the Winner? (Math. & Election)*, Sokhan Gostar Inc., Mashhad, 2005.
- M.S. Moslehian, *Philosophy of Mathematics*, Vazhegan Kherad, Mashhad 2005.
- M.S. Moslehian and M. Mirzavaziri, *Pre-Calculus*, Electronic, Mashhad 2009.

(III) Participation in International Conferences and Workshops

1. The International Congress of Mathematicians, Berlin-Germany, 1998.
2. The 8th Conference of International Linear Algebra Society, Barcelona-Spain, 1999, a talk on "Contractibility of incidence algebras of upper triangular matrices".
3. The First Workshop on Algebra, Tarbiat Modarres Univ., Tehran-Iran, 1996.
4. The First Workshop on C*-algebras, Ferdowsi Univ., Mashhad-Iran, 2001, a lecture on "Hilbert C*-modules".
5. Balticon2001, Odense-Denmark, 2001, a talk on "Biprojective Banach algebras".
6. The International Congress of Mathematicians, Beijing-China, 2002, a talk on "Characterization of closed ideals of $C(X)$ ".
7. The Second Workshop on C*-algebras, Ferdowsi Univ., Mashhad-Iran, 2003, a lecture on "Automatic continuity".
8. Topological Algebras, their applications and related topics, Bedlewo-Poland, 2003, a talk on "Cohomology of triangular Banach algebras".
9. The 20th International Conference on Operator Theory, Timisoara, Romania, June 30 - July 5, 2004, a talk on "n-homomorphisms".
10. Banach Algebras and their Applications, Bordeaux, France – 3-13 Jul., 2005, a talk on "Hyers-Ulam Stability in Hilbert C*-module".
11. The 5th International Conference on Topological Algebras and Applications (ICTAA 2005), University of Athens, Athens, Greece, June 27-July 1, 2005, a talk on "Hyers-Ulam-Rassias stability of derivations"

12. Workshop on Functional Analysis, University of Leeds, Leeds, UK, 4-7 Jul., 2006.
13. Conference on Banach Algebras, Universite Laval, Quebec, Canada, 4-12 Jul., 2007.
14. Conference on Inequalities and Applications '07, De La Motte Castle, Noszvaj, Hungary, 9-15 Sep., 2007.
15. Mathematical Inequalities and Applications 2008, Conference in honour of Prof. Josip Pečarić on the occasion of his 60th birthday, Trogir - Split, Croatia, 8-14 Jun., 2008.
16. Workshop on Operator Theory and Operator Algebras, Osaka, Japan, 20-22 Nov., 2008.
17. Mathematical Inequalities and Applications 2010, Lahore, Pakistan, 7-13 Mar., 2010.
18. The conference Operators, Spaces, Algebras, Modules, Zagreb, Croatia, 1-4 Mar., 2010.
19. The International Congress of Mathematicians, Hyderabad, India, 19-27 Aug., 2010.
20. Mathematical Inequalities and Nonlinear Functional Analysis with Applications, Jinju, Korea, 25-29 Jul., 2012.
21. Research on Structures of operators via methods in geometry and probability theory, Kyoto, Japan, 5-7 Nov., 2012.
22. The 4th International Workshop on Matrix Analysis and Applications, Konya, Turkey, 2-5 July 2013.
23. International Conference on Matrix Analysis and Applications, Shanghai, China, 27-29 December 2013.
24. The International Congress of Mathematicians, Seoul, Korea, August 13–21, 2014.
25. Conference on Operator Algebras and Applications, Cheongpung, Korea, August 8-12, 2014.
26. Noncommutative Probability Theory and Related Topics, March 9-17, 2016, Cheongju, Korea.
27. The 7th joint International Conference of the Georgian Mathematical Union and Georgian Mechanical Union, Sep. 5-9, 2016, Batumi, Georgia.
28. International Workshop on Algebra, Analysis and Operator Theory, Vladikavkaz, Russia, Feb. 9-10, 2017.
29. The Workshop on matrices and operators, Shanghai, China, June 9-14, 2017.
30. The International Congress of Mathematicians, Rio de Janeiro, Brazil, August 1–9, 2018.

31. The 5th International Conference on Matrix Inequalities and Matrix Equations (MIME2019), Guilin, China June 7-10, 2019.

(IV) Career History

Position	Organization	City/Country	from(year) to (year)
Lecturer	Ferdowsi Univ. Mashhad	Mashhad/Iran	1992-1999
Asst. Prof .	Ferdowsi Univ. Mashhad	Mashhad/Iran	1999-2003
Assoc. Prof.	Ferdowsi Univ. Mashhad	Mashhad/Iran	2003-2007
Full Prof.	Ferdowsi Univ. Mashhad	Mashhad/Iran	2007-present
Vice head of Dept of Math	Ferdowsi Univ. Mashhad	Mashhad/Iran	2002-2003
Vice Dean of Faculty of Math Sci. (Administrative affairs)	Ferdowsi Univ. Mashhad	Mashhad/Iran	2003-2004
Director of Center of Excellence in Analysis on Algebraic Structures	Ferdowsi Univ. Mashhad	Mashhad/Iran	2007-Present
General Director of Graduate Studies at Ferdowsi Univ. Mashhad	Ferdowsi Univ. Mashhad	Mashhad/Iran	2008-2012
President of Research Center for Methods in Math. Education	Ferdowsi Univ. Mashhad	Mashhad/Iran	2010-2014
Director of Curriculum Development	Ferdowsi Univ. Mashhad	Mashhad/Iran	2010-2012
Vice Dean of Faculty of Math Sci. (Research affairs)	Ferdowsi Univ. Mashhad	Mashhad/Iran	2016-2018
General Director in Research at Ferdowsi Univ. Mashhad	Ferdowsi Univ. Mashhad	Mashhad/Iran	2018-Present

(V) Awards, Honors, Grants

1. Winner of the 13th Annual Iranian Student Competition in Mathematics, Iran Math. Soc., Tehran, Iran, 1989.
2. Distinguished M.Sc. Student, Ferdowsi Univ., Mashhad, Iran, 1991.
3. Obtained first class in B.Sc., Ferdowsi Univ., Mashhad, Iran, 1989.

4. Elected as a distinguished researcher among academic members of Ferdowsi University, Mashhad, December 2002.
5. Elected as a distinguished researcher in Ferdowsi Festival, Mashhad, December 2003.
6. Elected as a distinguished teacher among academic members of Ferdowsi University, Mashhad, May 2005.
7. Elected as a distinguished researcher in Basic Sciences among academic members of Ferdowsi University (and certificate from the Ministry of Science, Research and Technology), Iran, January 2007.
8. Elected as a distinguished researcher in Basic Sciences among academic members of Razavi Khorasan Province (and certificate from the governor general), Iran, January 2008.
9. A distinguished reviewer selected by FIZ Karlsruhe and European Math. Soc., 2010.
10. Elected as the best speaker in the Conference in Mathematical Inequalities and Applications, Lahore, Pakistan, 7-13 March 2010.
11. A Gold medal as the distinguished academic member in Basic Sciences among academic members of Ferdowsi University of Mashhad by Ferdowsi Academic Foundation, 2011.
12. Elected as a distinguished researcher in Basic Sciences among academic members of Razavi Khorasan Province (and certificate from the governor general), Iran, January 2016.
13. Elected as a distinguished researcher in Basic Sciences among Iranian academic members (and certificate from the vice president of Iran), Iran, December 2018.
14. Allameh Tabatabaei Prize, in Basic Sciences among Iranian academic members (and certificate from the vice president of Iran), Iran, December 2019.

(VI) Professional Memberships

Role	Organization	Office held	from (year) to (year)
Ordinary member	Amer. Math. Soc.	USA	1991-present
Ordinary member	Iranian Math. Soc.	Tehran, Iran	1983-present
Reciprocity member	London Math. Soc.	London, England	1999-2000
Ordinary member	Inter. Lin. Alg. Soc.	USA	1999-present
Ordinary member	Inter. Soc. of Differ. Eq.	USA	2005-present
Ordinary member	European Math. Soc.	Berlin	2007-present

(VII) Avocations

1. Internet
2. Music

(VIII) Teaching Courses

(a) Undergraduate: Calculus I-II, Analysis I-II-III, Topology, Complex Functions, Math. Logic, History of Mathematics, Philosophy of Mathematics, Foundation of Mathematics, Ordinary Differential Equations, Linear Algebra, Elementary Functional Analysis.

(b) Postgraduate (MSc and PhD): Real Analysis I-II, Operator Theory, Functional Analysis I-II, Banach Algebras, Topics in Functional Analysis, Topics in Banach Spaces, Matrix Analysis, Topics in Operator Theory I-II, C^* & W^* -Algebras.

(IX) Postgraduate Students under the Supervision

(a) MSc:

1. Ali Akbarnia, Positive definite kernels and Hilbert C^* -modules, 2000.
2. Fateme Negahban, Amenability of triangular Banach algebras, 2002.
3. Roghaie Jalal Shahkouei, Morphisms of Hilbert C^* -modules, 2002.
4. Ali Akbar Maskani, Multiplicative linear functionals, 2003.
5. Khalil Ekrami, Preserving linear mappings, 2004.
6. Arsalan Ansari, Reverse of triangle inequality in inner product spaces, 2005.
7. Mohammad Darvish-Zadeh, n -inner product spaces, 2005.
8. Assieh Saadatpour, Functional equations in Function spaces, 2006.
9. Kazem Anvari, Wigner Equation in Hilbert C^* -modules, 2007
10. Amir Ali Madanifar, generalized inverses in Banach algebras, 2007
11. Safoura Jafar-Zadeh, Banach-Stone theorem, 2008
12. Sanaz Pouya, Commutators, 2009.
13. Hamed Najafi, Operator convex functions, 2010.
14. Ameneh Darvish, Operator Bohr's inequality, 2010.
15. Mostafa Kafi Moghaddam, Operators Achieving Norm, 2011.
16. Ali Jafari, Variance and covariance in operator algebras, 2011.
17. Mojtaba Bakherad. Inequalities related to p -Scatten norms, 2011.
18. M. Mahvelati, Daugavet property, 2012.
19. Zahra Pourfreidouni, Generalization of Lax-Milgram theorem, 2012.
20. Fatemeh Faraji, Ky Fan inequaities, 2012
21. Farzaneh Falizkaran, Hermite-Hadamard Inequality, 2012
22. F. Abdollahzadeh, Orthogonality in normed spaces, 2014.
23. Farideh Omrani, Exact and approximate operator parallelism, 2015.
24. Elham Bazmi, Triangle Inequality in Hilbert C^* -modules, 2015.

(b) PhD:

1. Freydoon Rahbarnia, Stability of Functional Equations, 2007.
2. Abolfal Niazi, Generalized derivations, 2008.
3. Ghadir Sadeghi, Perturbation of Mappings in Banach spaces, 2009.
4. Farzad Dadipour, Operator Dunkl-Williams Inequalities, 2011

5. Mohsen Kian, Some Classes of Operator Functions, 2012
6. S.M.S. Nabavi Sales, Hyponormal Type Operators and Aluthge Transformations, 2012
7. Ali Morassaei, Operator Inequalities on Hilbert Spaces, 2012. (cosupervisor)
8. Hamed Najafi, Operator functions and types of positive maps, 2014.
9. Mojtaba Bakherad, Norm inequalities for operators, 2014.
10. Akram Alikhani, Operator inequalities and m-convexity, 2015. (cosupervisor)
11. Ali Zamani, Orthogonality in Normed Spaces and Orthogonal Operators, 2015.
12. Mostafa Sattari, Inequalities for Numerical Radius, 2016.
13. Zeinab Mousavi, Matrix and Operator Equations, 2016. (cosupervisor)
14. Ali Dadkhah, Operator inequalities for positive linear mappings, 2017.
15. Mehdi Vosough, Operator and matrix equations, 2017.
16. Ali Talebi, Noncommutative Probability Spaces, 2018.
17. Somayeh Habibzadeh Kojidi, Norm and Operator Inequalities with Some Applications, 2018. (cosupervisor)
18. Masoumeh Ghaderi Aghideh, Some Topics in Numerical Radius, 2019. (cosupervisor)
19. Setareh Rajabi, Angular distance, 2020 (cosupervisor).
20. Seddigheh Shadkam (co-advisor).
21. Kamran Sharifi (co-advisor).
22. Toktam Aghasizadeh (co-advisor).
23. Maryam Khosravi (co-advisor).
24. Mostafa Mahdavi (co-advisor).
25. Mahnaz Chakoshi (co-advisor).
26. Mohsen Erfanian (co-advisor).
27. Azam Erfanian Attar (co-advisor).
28. Omid Pourbahri (co-advisor).
29. Gholamreza Abbaspour (co-advisor).
30. Alireza Janfada (co-advisor).
31. Zahra Alinezhad (co-advisor)
32. Mohammad Gholampour (co-advisor)
33. Ramin Faaal (co-advisor)
34. Alireza Khoddami (co-advisor)

Postdoc:

1. Ali Zamani (2018)
2. Ali Talebi (2020)

(X) Some Research Projects

1. “The Counterexamples in Functional Analysis Homepage”, a website maintained by M. S. Moslehian at the following URL:
<http://www.um.ac.ir/~moslehian/cfa/cfa.htm>, Ferdowsi University
2. “Course Material for Teaching Non-Euclidean Geometry in Secondary Schools”, Ferdowsi University.

3. "Topological Homology of Triangular Banach Algebras", Institute for Studies in Theoretical Physics and Mathematics (IPM- Tehran)
4. "Factorization of Operators", Institute for Studies in Theoretical Physics and Mathematics (IPM- Tehran).
5. "Stability of Derivations and Homomorphisms", Institute for Studies in Theoretical Physics and Mathematics (IPM- Tehran).
6. "Hyers-Ulam-Rassias Stability of functional equations", Iran National Science Foundation (INSF- Tehran).
7. Stability of Functional Equations, Centre of Excellence in Analysis on Algebraic Structures, Ferdowsi University, Mashhad.
8. Orthogonal Stability of Additive Type Equations, Centre of Excellence in Analysis on Algebraic Structures, Ferdowsi University, Mashhad.

Research Projects in Ferdowsi University of Mashhad:

9. n-homomorphisms
10. Cohomology of Banach Algebras
11. Stability of Ternary Structures
12. p-Angular distance
13. Generalized inverse of Gram operators
14. Morita equivalence for Hilbert C^* -modules
15. Applications of functional calculus for self-adjoint operators
16. The Hermitian solution to a system of adjointable operators equations
17. Inequalities related to positive maps
18. f-divergence functional
19. Landau relations for inner product type integral transformers
20. Convex functions and its generalizations
21. Relationship between the Hyers-Ulam stability and the Moore-Penrose inverse
22. Heinz Inequality and its consequences
23. Extension of Kantorovich Result
24. Weakly 2-positive maps
25. Operator means and their applications
26. Generalization of the Corach-Porta-Recht Theorem
27. Q-class Functions
28. A generalization of the Buzano inequality
29. Hermite-Hadamard inequality
30. Generalization of a generalized inequality of second type in normed spaces
31. Characterization of equality in a generalized triangle inequality
32. Eigenvalue relations for matrices
33. Operator versions of the Aczel inequality
34. Quadratic functional equation in Menger probabilistic normed spaces
35. Generalized Norm Inequalities of Clarkson Type
36. Approximate Operators in operator algebras

37. Properties of Aluthge transformation
38. Refinements of Choi-Davis-Jensen
39. KSGNS type constructions for alpha-completely positive maps on Krein C^* -modules
40. Generalized Norm Inequalities of Clarkson Type

41. Operator Algebras on Hilbert Spaces, Iran National Science Foundation (INSF- Tehran), 2017-2018.

42. Norm and Operator inequalities in normed spaces and operator algebras, Iran National Science Foundation (INSF- Tehran), 2017-2018.

(XI) Computer proficiency

HTML, LaTeX.

(XII) Membership in Organizing Committee of Conferences and etc

1. Scientific and organizing committees of the 7th Seminar on Analysis and its Applications, Mashhad, 1995.

2. Scientific Committee of the 5th International Conference on Mathematics Education, Mashhad, 2001.

3. Organizing committee of the first Workshop on C^* -algebras, Mashhad, 2001.

4. Organizing and Scientific Committees of the 33rd Iranian Mathematics Conference, Mashhad, 2002.

5. Chairman of the second Workshop on C^* -algebras (Automatic Continuity), Mashhad, 2003.

6. Chairman of the first workshop on “Analysis on Matrices”, Mashhad, 2004.

7. Chairman of the workshop on “Hilbert C^* -modules”, Mashhad, 2005.

8. Chairman of 16th Seminar on Mathematical Analysis and its Applications, Mashhad, 2007.

9. A member of organizing committee of the 17th Seminar on Mathematical Analysis and its Applications, Arak, 2008.

10. A member of organizing committee of the 5th Seminar on Linear Algebra and its Applications, Babolsar, 2009.

11. A member of organizing committee of the 16th Seminar on Mathematical Analysis and its Applications, Tehran, Iran, 2009.

12. A member of organizing committee of the 20th Seminar on Mathematical Analysis and its Applications, Maraghe, Iran, 2012.
13. A member of scientific committee of the 41th Annual Iranian Conference, Urmia, Iran, 2010.
14. A member of scientific committee of the 42th Annual Iranian Conference, Rafsanjan, Iran, 2011.
15. A member of scientific committee of the 43th Annual Iranian Conference, Tabriz, Iran, 2012.
16. Scientific chairman of the 44th Annual Iranian Conference, Mashhad, Iran, 2013.
17. The scientific chairman of the 7th Seminar on Linear Algebra and its Applications, Mashhad, Iran, 2014.
18. A member of scientific committee of Conference of Mathematical Inequalities and Applications, Trogir, Croatia, 2014.
19. A member of scientific committee of Conference on Ulam's type stability, Rytro, Poland, 2014.
20. A member of scientific committee of the 47th Annual Iranian Conference, Karaj, Iran, 2016.
21. The Scientific chairman of the fourth Seminar on Functional Analysis and its Applications, Mashhad, Iran, 2-3 March 2016.
22. A member of scientific committee of the 6th International Eurasian Conference on Mathematical Sciences and Applications, Budapest, Hungary, 15 –18 August 2017.
23. A member of scientific committee of the 3rd Seminar on Operator Theory and its Applications, Mashhad, Iran, 8-9 March 2017.
24. A member of scientific committee of the 9th Pan African Congress of Mathematicians, Rabat (Morocco), July 3-7, 2017.
25. A member of scientific committee of the fifth Seminar on Functional Analysis and its Applications, Zanjan, Iran, 12-13 July 2017.
26. A member of scientific committee of Conference of Mathematical Inequalities and Applications, Trogir, Croatia, 2018.
27. The Scientific chairman of the 3rd Seminar on Operator Theory and its Applications, Bojnourd, Iran, 7-8 March 2018.
28. International Conference on Operator Theory 2018, April 30 - May 03, 2018, Hammamet, Tunisia.

29. A member of scientific committee of the 5rd Seminar on Operator Theory and its Applications, Zanzan, Iran, 13-14 March 2017.

30. Caucasian Mathematics Conference (CMC-III), Rostov-on-Don, RUSSIA, August 26-29, 2019.

(XIII) Membership in Editorial Boards

1. Founder and the editor-in-chief of "*Banach Journal of Mathematical Analysis*", 2007-present.

2. Founder and the editor-in-chief of "*Annals of Functional Analysis*", Iran, 2010-present.

3. A member of editorial board of "*Australian Journal of Mathematical Analysis Applications*", 2005-Present.

4. Editor-in-chief and a member of editorial board of "*Bulletin of Iranian Math. Soc.*", 2008-2011.

5. A member of editorial board of "*Bulletin of Malaysian Mathematical Science Society*", 2008-present.

6. A member of the editorial board of "*Involve*", 2009-present.

7. A member of the editorial board of "*Mathematical Inequalities and Applications*", 2009-present.

8. A member of editorial board of "*J. Math. Thought and Culture*"(Iranian Math. Soc.), 2004-2007.

9. A member of the editorial board of "*Journal of Egyptian Mathematical Society*", 2009-present.

10. A member of the editorial board of "*Cubo*", 2011-present.

11. A member of editorial board of "*Bulletin of Mathematical Analysis and Applications*", 2009-2018.

12. A member of editorial board of "*Topological Algebra and Applications*", 2012-Present.

13. A member of editorial board of "*Filomat*", 2013-Present.

14. A member of editorial board of "*Journal of Inequalities and Application*", 2013-2015.

15. A member of editorial board of "*Annales Universitatis Paedagogicae Cracoviensis. Studia Mathematica*", 2015-present.

16. A member of editorial board of "*Nonlinear Functional Analysis and Applications*", 2012-present.

16. Founder and the editor-in-chief of "*Advances in Operator Theory*", 2017-present.

(XIV) Services to Professional Communities

1. A Reviewer of *Mathematical Reviews* (American Math. Soc.), 2002-present.
2. A Reviewer of *Zentralblatt Math* (European Math. Soc.), 2002-present.
3. Representative of Iranian Math. Soc. in Ferdowsi Univ. of Mashhad from 2001-2003.
4. Substitute Member of Executive Committee of Iranian Math. Soc., 2004-2006.
5. A member of Executive Committee of Iranian Math. Soc. 2006-2012.
6. Founder of "Tusi Mathematical Research Group", Mashhad, Iran, 2007-present.
7. A member of the Academy of Science- I. R. Iran, 2015- present.
8. Referee for some National and International Research Journals such as

- *Proc. Royal. Soc. London- A* (JCR)
- *Glasg. Math. J.* (JCR)
- *Linear Algebra Appl.* (JCR)
- *Linear Multilinear Alg.* (JCR)
- *Amer Math. Monthly* (JCR)
- *J. Math. Anal. Appl.* (JCR)
- *J. Math. Phys.* (JCR)
- *Math. Nachr.* (JCR)
- *Positivity* (JCR)
- *Complex Anal. Oper. Theory* (JCR)
- *Houston J. Math.* (JCR)
- *Electron. J. Linear Algebra* (JCR)
- *Oper. Matrices* (JCR)
- *Rocky Mountain J. Math.* (JCR)
- *Indag. Math.* (JCR)
- *J. Phys. A* (JCR)
- *J. Approx. Theory* (JCR)
- *Appl. Math. Lett.* (JCR)
- *Period Math. Hungar.* (JCR)
- *Mediterr. J. Math.* (JCR)
- *Acta Applicandae Math.* (JCR)
- *Results in Math.* (JCR)
- *Acta Math. Sin. Engl. Ed.* (JCR)
- *J. Differ. Equ. Appl.* (JCR)
- *Publ. Math. Debrecen* (JCR)
- *Ukrainian Math. J.* (JCR)
- *Quaest. Math.* (JCR)
- *Abstr. Appl. Anal.* (JCR)
- *J. Funct. Space* (JCR)
- *J. Inequal. Appl.* (JCR)
- *Math Slovaca* (JCR)
- *Bull. Korean Math. Soc.* (JCR)

- *Filomat (JCR)*
- *Math. Comput. Modelling (JCR)*
- *Open Math. (JCR)*
- *Fuzzy Sets and Systems (JCR)*
- *J. Intell. Fuzzy Systems (JCR)*
- *Turkish J. Math (JCR)*
- *Comput. Math. Appl. (JCR)*
- *J. Appl. Anal. Comput. (JCR)*
- *Fixed Point Theory Appl. (JCR)*
- *Taiwanese J. Math. (JCR)*
- *Bol. Soc. Mat. Mex. (JCR)*
- *Ukrainian Math. J. (JCR)*
- *Math. Inequal. Appl. (JCR)*
- *Iranian J. Sci. Tech. (JCR)*
- *Iranian J. Fuzzy Syst. (JCR)*
- *Bull. Iranian Math. Soc. (JCR)*
- *Hacet. J. Math. Stat. (JCR)*
- *ScienceAsia (JCR)*
- *Internat. J. Phys. Sci. (JCR)*
- *An. Ştiinţ. Univ. Ovidius (JCR)*
- *J. Sci. Is. Repub. Iran (JCR)*
- *Discrete Dyn. Nat. Soc. (JCR)*
- *Math. Commun. (JCR)*
- *Appl. Math. Mech. (JCR)*
- *Adv. Difference Equ. (JCR)*
- *Aequationes Math. (JCR)*
- *J. Math. Inequal. (JCR)*
- *Numer. Funct. Anal. Optim. (JCR)*
- *Carpathian J. Math. (JCR)*
- *Cent. Eur. J. Math. (JCR)*
- *Adv. Math. Phys. (JCR)*
- *J. King Saud Univ. (JCR)*
- *Appl. Math. Comput. (JCR)*
- *Collect. Math. (JCR)*
- *Rend. Circ. Mat. Palermo*
- *J. Algebra Appl.*
- *Surv. Math. Appl.*
- *Acta Math. Sci.*
- *Extracta Math.*
- *Int. J. Differ. Equ.*
- *Int. J. Math. Math. Sci.*
- *J. Funct. Spaces Appl.*
- *Commun. Math. Anal.*
- *ISRN Math. Anal.*
- *Math. Bohem.*
- *Publ. Inst. Math. (Beograd)*
- *Adv. Fuzzy Syst.*
- *Australian J. Math. Anal. Appl.*
- *Kyungpook Math. J.*
- *Afr. Mat.*
- *Demonstratio Math.*
- *Ann. Univ. Paedagog. Crac.*
- *Mat. Vesnik*
- *Novi Sad J. Math.*
- *Konuralp J. Math.*
- *J. Korea Soc. Math. Educ.*
- *Tamkang J. Math*
- *J. Numer. Anal. Ind. Appl. Math.*

- *Thai J. Math.*
- *Asian-European J. Math.*
- *Andian J. Math.*
- *Tbilisi Math. J.*
- *Sahand Commun. Math. Anal.*
- *Tamsui Oxf. J. Math. Sci.*
- *Konuralp J. Math.*
- *Gen. Math. Note*
- *Jordan J. Math. Stat.*
- *Sci. China Math.*
- *Open Oper. Res. J.*
- *Adv. Pure Math.*
- *Studies in Math. Sci.*
- *Int. J. Anal.*
- *Internat. J. Appl. Math. Stat.*
- *Facta Univ. Ser. Math. Inform.*
- *Albanian J. Math.*
- *J. Nonlinear Funct. Anal.*
- *J. Math. Tokushima Univ.*
- *Proc. Math. Phys. Soc. Egypt*
- *Math. Sci. Appl. E-Notes*
- *An. Ştiinţ. Univ. Al. I. Cuza Iaşi. Mat.*
- *Int. J. Open Prob. Com. Sci. Math.*
- *J. Adv. Res. Pure Math.*
- *Adv. Pure Appl. Math.*
- *Punjab Univ. J. Math.*
- *Nonlinear Funct. Anal. Appl.*
- *Iran. J. Math. Sci. Inform.*
- *J. Appl. Math.*
- *J. Ineq. Pure Appl. Math.*

(XV) Curriculum development experience

1. A member of a national committee on developing undergraduate courses in pure mathematics, 2003.
2. A member of committee on developing Curriculum in undergraduate mathematics in Ferdowsi University of Mashhad.
3. The director of committee on developing Curriculum Ferdowsi University of Mashhad.

(XVI) Research Interests (MSC 2000)

- **15Axx: Basic linear algebra**
- **15Bxx: Special matrices**
- **39Bxx: Functional equations and inequalities**
- **46Bxx: Normed linear spaces and Banach spaces; Banach lattices 46C05, Hilbert and pre-Hilbert spaces;**
- **46Cxx: Inner product spaces and their generalizations, Hilbert spaces**
- **46Hxx: Topological algebras, normed rings and algebras, Banach algebras 46L05, General Theory of C*-algebras;**
- **46Jxx: Commutative Banach algebras and commutative topological algebras**
- **46Kxx: Topological (rings and) algebras with an involution**

- **46Lxx: Selfadjoint operator algebras**47A05, General (adjoints, conjugates, products, inverses, domains, ranges, etc.);
- **46Txx: Nonlinear functional analysis**
- **47Axx: General theory of linear operators**
- **47Bxx: Special classes of linear operators**
- **47Jxx: Equations and inequalities involving nonlinear operators**
- **47Lxx: Linear spaces and algebras of operators**
- **60Gxx: Stochastic processes**
- **60Hxx: Stochastic analysis**

(XVII) Miscellaneous

I have **Erdős number 3** (P. Erdős – H. L. Montgomery – P. Enflo - M. S. Moslehian) and **Einstein Number 4** (A. Einstein - E.G. Straus – L. Carlitz – H.M. Srivastava – M.S. Moslehian).