CURRICULUM VITAE

Ali Dadkhah

(I) Personal Data

Name: Ali
Surname: Dadkhah
(Abbreviation: A. Dadkhah)
Birthday: 12 july 1982
Place of birth: Chenaran, Khorasan Razavi, Iran
Nationality: Iranian
Title of M.Sc Thesis: The graph C*-algebras related to a family of 2-graphs arising from two-dimensional sub-shifts
M.Sc. Supervisor: Professor Madjid Mirzavaziri
Duration of M.Sc. study: September 2007-September 2009
Title of Ph.D Dissertation: Operator Inequalities for Positive Linear Mappings
Ph.D. Supervisor: Professor Mohammad Sal Moslehian
Duration of Ph.D. study: September 2012-February 2017
Present job: Postdoctoral researcher
Current appointment:
Mail address: Department of Pure Mathematics, Faculty of Math. Sciences, Ferdowsi University of Mashhad, P. O. Box 1159, Mashhad 91775, Iran.
Spouse's name: Elahe Parishan Hazrati (Nurse)
Children: Elsa Dadkhah
E-mail: dadkhah61@yahoo.com
Home: 05137231596
Tel-Fax:
Tel-Office:
Mobile: 0098-9155816604
Research ID
Author ID (Scopus):
ORCID:

(II) List of Publications:

1. A. Dadkhah and M.S. Moslehian, *Quantum information inequalities via tracial positive linear maps*, J. Math. Anal. Appl. 447 (2017), no. 1, 666-680. (Q1)

2. A. Dadkhah and M. S. Moslehian, *Gruss type inequalities for positive linear maps on C*-algebras*, Linear and Multilinear Algebra, 65 (2017), no. 7, 1386–1401. (Q2)

3. Ali Dadkhah and M. S. Moslehian, *Non-Linear Positive maps between C*-algebras*, Linear and Multilinear Algebra, (2018) DOI: 10.1080/03081087.2018.1547357. (Q2)

4. Ali Dadkhah, Mohammad Sal Moslehian and Kenjiro Yanagi, *Noncommutative versions of inequalities in quantum information theory, (submitted).*

5. A. Dadkhah and M. S. Moslehian, *Gruss type inequalities for positive linear maps and Hilbert C*-modules,* 47th Annual Iranian Mathematics Conference (AIMC47), Aug. 2016, Kharazmi University of Tehran, Iran.

6. M. S. Moslehian and A. Dadkhah, *Some Gruss type inequalities in Noncommutative probability spaces*, The 3rd Seminar on Operator Theory and its Applications, 8-9th March 2017, Ferdowsi University of Mashhad, Iran.

7. Ali Dadkhah, *Generalization of some quantum information inequalities*, 9th Seminar on Linear Algebra and its Applications, 5-6 July 2017, University of Tabriz.

8. Ali Dadkhah, *Some inequalities for the generalized covariance and variance in the framework of C*-algebras,* 6th Seminar on Harmonic Analysis and Applications, January 31–Feb 1, 2018, Hakim Sabzevari University, Sabzevar, Iran.

9. M. S. Moslehian and A. Dadkhah, *Some Classes of Non-Linear Positive Mappings between C*-Algebras*, 4th Seminar on Operator Theory and its Applications
7-8 March 2018, University of Bojnord, Iran.

(IV) Career History

(V) Awards, Honors, Grants

1. Elected as the best   PHD student researcher in pure mathematics, Ferdowsi University of Mashhad, Iran (2016).

(VI) Professional Memberships

Role	Organization	Office held	from (year) to (year)
1. Ordinary member	Amer. Math. Soc.	USA	2016-present

(VII) Avocations

1. Internet   2. Music   3. Sports   4. Agriculture

(VIII) Teaching Courses

Undergraduate: Calculus I-II, , Analysis I, Graph Theory, Combinatorics, Linear algebra.

(IX) Postgraduate Students under the Supervision

(X) Some Research Projects

1. Inequalities for Positive linear mapping between C*-algebras.
2. Non-linear positive maps between C*-algebras and von-Neumann algebras.
3. Inequalities related to Quantum Information Theory.

(XI) Computer proficiency

Windows 7, FTex, HTML, LaTex.

(XII) Membership in Organizing Committee of Conferences and etc

1. A member of executive committee of the 7$^{\rm th}$ Seminar on Linear Algebra and its Applications, Ferdowsi University of Mashhad, 2014.
2. A member of executive committee of the 3$^{\rm th}$ Seminar on Operator Theory and its Applications, 8-9$^{\rm th}$ March 2017, Ferdowsi University of Mashhad, Iran.

(XIII) Membership in Editorial Boards

(XIV) Services to Professional Communities

1. A *Reviewer of Mathematical Reviews (American Math. Soc.)*, 2016-present.

2. A *Reviewer of zbMATH.*

3. *Member of* **"Tusi Mathematical Research Group", Mashhad, Iran, 2011-present.**

4. *Referee* **for some National and International Research Journals such as**

    Advances in Operator Theory (AOT).

(XV) Curriculum development experience

(XVI) Research Interests (MSC 2000)

- **15A60, Norms of matrices, application of functional analysis to matrix theory**
- **81Q10 Selfadjoint operator theory in quantum theory, including spectral analysis**
- **46B25 Classical Banach spaces in the general theory**
- **46C05, Hilbert and pre-Hilbert spaces;**
- **46C07, Hilbert subspaces and complementation;**
- **46C15, Characterizations of Hilbert spaces;**
- **46L05, General Theory of C*-algebras;**
- **46L08, C*-modules;**
- **47A05, General (adjoints, conjugates, products, inverses, domains, ranges, etc.);**
- **47A30, Norms (inequalities, more than one norm, etc.);**
- **47A63, Operator inequalities;**
- **47C15, Operators in C* -or von Neumann algebras.**

(XVII) Miscellaneous