

## Curriculum Vitae

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### Educational Background:

- Ph.D. in Mathematics (Linear Algebra), Shahid Bahonar University of Kerman, Kerman, Iran, November 2006. Thesis Title: G-stochastic matrices and linear preservers of G-majorization. Advisor: Abbas Salemi.
- M.Sc. in Mathematics (Algebra), Shahid Bahonar University of Kerman, Kerman, Iran, February 2002. Thesis Title: Module with direct summand intersection properties. Advisor: M. Mehdi Zahedi.
- B.Sc. in Mathematics, Shahid Bahonar University of Kerman, Kerman, Iran, September 1999.

### Publications:

#### 1. Articles

- (Joint with A. Salemi) The structure of linear preservers of gs-majorization, Bulletin of the Iranian Mathematical Society, vol. 32, no. 2 (2006), 31–42.
- (Joint with A. Salemi) Strong linear preservers of GW-majorization on  $M_n$ , Journal of Dynamical Systems and Geometric Theories, 5, no. 2 (2007), 165–168.
- Right gw-majorization on  $M_{n,m}$ , Bulletin of the Iranian Mathematical Society, 35, no. 2(2009), 69–76.
- (Joint with H. Heydari) On Linear Maps Preserving g-Majorization from  $F_n$  to  $F_m$ , Journal of Inequalities and Applications, vol. 2010, Article ID 254819, 5 pages, 2010.
- (Joint with H. R. Afshin) Linear functions preserving multivariate and directional majorization, Iranian Journal of Mathematical Sciences and Informatics, 5, no. 1 (2010) 1-5.
- (Joint with H. Heydari) Linear functions preserving gd-majorization from  $M_{n,m}$  to  $M_{n,k}$ , Bulletin of the Iranian Mathematical Society, 37, no.1 (2011), 215-224.
- (Joint with A. Salemi) On linear preservers of lgw-majorization on  $M_{n,m}$ , Bulletin of the Malaysian Mathematical Society, 35 (2012), 755-764.

- (Joint with Z. Gashoul) Strong linear preservers of  $g$ -tridiagonal majorization on  $R^n$ . Electronic Journal of Linear Algebra, 23 ( 2012), 115-121.
- (Joint with F. Akbarzadeh, Z. Mohammadi) Row and Column-Majorization on  $M_{n,m}$ , Linear Algebra and its Applications 437 (2012), 1025-1032.
- (Joint with, A. Ilkhanizade Manesh) GUT-majorization on  $M_{\{n,m\}}$  and its Linear Preservers. Electronic Journal of Linear Algebra, 23 ( 2012), 646-654.
- (Joint with Z. Mohammadi and F. Akbarzadeh) Linear preservers of  $g$ -row and  $g$ -column majorization, Bulletin of the Iranian Mathematical Society, 39, no. 5 (2013), 865-880.
- (Joint with F. Pasandi) "Block diagonal majorization," Iranian Journal of Mathematical Sciences and Informatics 8, no. 2 (2013), 131-136.
- (Joint with M. Soleymani) Linear Preservers of even majorization on  $M_{n,m}$ , Linear and Multilinear Algebra, 62, no. 11(2014), 1437-1449.
- (Joint with A. Ilkhanizade Manesh) UT-majorization on  $R^n$  and its linear preservers, Operator Theory: Advances and Applications, 242 (2014) 253–259.
- (Joint with M. Soleymani ) Linear Preservers of Circulant Majorization on  $R^n$ , Linear Algebra and its Applications, 440 (2014) 286–292
- (Joint with S. Mohtashami, M. Jamshidi) On linear preservers of  $g$ -tridiagonal majorization on  $R^n$ , Linear Algebra and its Applications, 459 (2014) 145-153.
- (Joint with M. Jamshidi) Multiplicative isomorphisms at invertible matrices, Miskolc Mathematical Notes,(to appear).

## 2. Persian Articles

- Ordinary and generalized majorization and the structures of their linear preservers, "Farhang va Andisheh-ye Rियाazi", 45 (Fall 2010), 31-40.

## Contributing in the international conferences:

- The 8th workshop on numerical ranges and numerical radii, Bremen, Germany, July 15–17, 2006.
- $G$ -Majorization and strong linear preservers of  $G$ -majorization, 13th Conference of the International Linear Algebra Society, Amsterdam, Netherland, July 18– 21, 2006.
- Some properties of Right and left  $g$ -majorization, International Conference on Operator Theory, Timisoara, Romania, July 3-8, 2008.
- Polytopes of majorization and  $g$ -majorization, International Conference of Mathematical Sciences, Istanbul, Turkey, August 04-10 , 2009.
- Multivariate and directional majorization on  $M_{n,m}$ , 16th Conference of the International Linear Algebra Society, Pisa, Italy, June 21-25 , 2010.
- $g$ -tridiagonal majorization on  $M_{n,m}$ , 6th Linear Algebra Workshop, Kranjska Gora, Slovenia, May 25 – June 1, 2011.

- Majorization induced by special types of matrices, Workshop of Operator and Algebra, Lisbon Portugal, September 11 – 14, 2012.
- Even doubly stochastic matrices, 4th International Conference on Matrix Analysis and Applications, Konya Turkey, July 2-5, 2013.
- g-tridiagonal majorization and circulant majorization on  $M_n; m$ , CMC I, Tbilisi, Georgia, September 5-6, 2014.

### **Societies and Committees:**

- Managing editor of the journal of "Wavelets and Linear Algebra", from 2012.
- Member of the organizing and scientific committee of the 4th Iranian Linear Algebra Seminar, 2007.
- Member of the organizing and scientific committees of the 42<sup>nd</sup> annual Iranian mathematical conference, 2011.
- Member of the scientific committee of the 6th Iranian Linear Algebra Seminar, 2011.
- Member of Iranian Mathematical Society, from 2006.

### **Honors:**

- Awarded Abbas Riyazi Kermani's Prize of the Iranian Mathematical Society for presenting the best paper at the 42<sup>nd</sup> annual Iranian Mathematical conference, 2011.

### **Thesis read or advised:**

- Advised 15 MSc theses at Vali-e-Asr university of Rafsanjan since Spring 2010.
- Advised 2 PhD theses at Vali-e-Asr university of Rafsanjan since Spring 2010.
- Currently advising four MSc and three PhD student at Vali-e-Asr university of Rafsanjan .

### **Teaching and Job Experience:**

- (Winter 2011 - Present) Associate Professor in the Department of Mathematics of the Vali-e-Asr university of Rafsanjan, Rafsajan, Iran.
- (Winter 2007 - Winter 2011) Assistant Professor in the Department Mathematics of the Vali-e-Asr university of Rafsanjan, Rafsajan, Iran.

### **Courses Taught:**

Overall, from January 2001 up to the present time, I have taught the following courses in universities.

**Undergraduate:**

- Calculus I (5 semesters)
- Calculus II (5 semesters)
- Analysis I (4 semesters)
- Analysis II (4 semesters)
- Linear Algebra (5 semesters)
- Foundation of Mathematics (4 semesters)
- Differential Equations (4 semesters)

**Graduate:**

- Real Analysis (3 semesters)
- Functional Analysis I (1 semesters)
- Matrix Analysis (3 semesters)
- Convex Analysis (1 semesters)

**Journals refereed for:**

- Linear and Multilinear Algebra
- Bulletin of the Iranian Mathematical Society
- Wavelets and Linear Algebra

**Hobbies:**

Reading, playing football, swimming, mountain climbing, playing skate.