

1 Personal Data:

Name: Mohammad Alakhrass.

Marital status: married with three children.

Address: Math department, University of Sharjah, UAE.

2 Education:

- PhD, McGill University 2009.
Thesis title: Superharmonic and multiply superharmonic functions and Jensen measures.
- Master's degree, University of Jordan, 2001.
Thesis title: Determinant inequalities.
- Bachelor's degree in mathematics and statistics at the University of Jordan, 1998.

3 Work experience.

- Assistant professor, Sharjah University, Sharjah, UAE, 1/9/2013-Now.
- Visiting Academic, Sharjah University, Sharjah, UAE, 1/9/2010-31/8/2013.
- Postdoctoral Fellow, McGill University, Montreal, Canada, 1/9/2009-31/8/2010.

4 Teaching

I taught the following courses:

- At Sharjah University:
 - Calculus (I), (II) and (III).

- Business Mathematics (I) and (II).
- Mathematics for Eng.
- Number theory.
- Foundation of mathematics.
- Linear Algebra II.
- At McGill University :
 - Calculus for Management.
 - Linear algebra and Probability for management.
 - Vectors and Matrices.
 - Calculus III.
 - Ordinary differential equations and linear algebra for engineering students.
 - Ordinary Differential Equations.
 - Advanced Calculus.
 - Complex Variable and Transforms.

5 Presentations:

I participate in the following meeting:

- The 4th International Conference on Mathematical Sciences (ICMS4), November 15-17, 2016.
- 14th UAE Mathematics Day on March 12, 2016, NYU Abu Dhabi.
- 12th UAE Mathematics Day on April 19, 2014, American university in Dubai.
- 10th UAE Mathematics Day on April 14, 2012, American university of sharjah.
- 9th UAE Mathematics Day on March 9, 2011, Ajman university.
- Math. department/ Sharjah University, department seminar, in a regular basis.

6 Refereed Publications:

- M. Alakhrass, Harmonic functions on compact sets, AIP Conference Proceedings, Volume 1830, Issue 1, doi: 10.1063/1.4980966, (2017).
- M. Alakhrass, Inequalities related to Heinz mean inequality, Linear and Multilinear Algebra, 64(8), pp. 1562-1569,2016.
- M. Alakhrass, Multiply Superharmonic Functions outside negligible sets, Annali di Matematica Pura ed Applicata (1923 -), Springer Berlin Heidelberg, 195(4), pp. 1373-1381, 2016.
- M. Alakhrass, Jensen measures in product harmonic spaces, Annali di Matematica Pura ed Applicata (1923 -), Springer Berlin Heidelberg, 194(2), pp. 563-568, 2015.
- M. Alakhrass, Superharmonic functions outside negligible sets, Int. Math. Forum, Vol. 8, 2013, no. 3, 125 - 132.
- M. Alakhrass, Quasi superharmonic functions in Brelot spaces, Int. Journal of Math. Analysis, Vol. 7, 2013, no. 2, 51 - 57.
- M. Alakhrass, Superharmonic Functions, LAP Lambert Academic Publishing, 2013(Book).
- M. Alakhrass, Extension spaces for superharmonic functions and Jensen Measures, J. Math. Soc. Japan, Vol. 64, No. 1, pp.263-272, 2012.
- M. Alakhrass and W. Hansen, Infima of superharmonic functions, Ark Mat., Volume 50-2, 2012, pp 231-235.

7 Articles In Preparation :

- Sums And Differences Of Products Of Positive Definite Operators.
- A Note On Audenaert Interpolation Inequality.

8 Service:

- Member of the organizing committee for 15th UAE mathematical day march 2017.
- Head of the examination committee, 2013-Now.
- Member of the Curriculum Committee, 2013-Now.
- Member of Placement Exam Committee, 2013-Now.
- Member of the community Service and social committee, 2013-Now.
- Member of the organizing committee for Students Projects Competition, 2014.
- Member of the organizing committee for 9th UAE mathematical day march 9, 2011.
- Member of the organizing committee of Intel Science Competition - Arab World, November 2011.
- Judge in the Sharjah Students Projects Competition, May, 2011.

9 Awards:

- McGill University, Post.Doct award, September 2009-August 2010.
- McGill University, Graduate student award, 4 times.