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Education

- 2000 – 2004 :

Program	: PhD of Mathematics
Program Structure	: Research & Course Work
Major	: Mathematics
Specialization	: Functional Analysis
Dissertation	: Companion Matrices and Zeros of Polynomials
Supervisor	: Professor Fuad Kittaneh
Cumulative Average	: 3.81 out of 4 (Excellent)
Institution	: University of Jordan, Jordan

- 1996 – 1999 :

Program	: Master of Mathematics
Program Structure	: Research & Course Work
Major	: Mathematics
Specialization	: Abstract Algebra
Dissertation	: Some aspects of generalized power series ring
Supervisor	: Dr. Shakir Nazzal
Cumulative Average	: 3.94 out of 4 (Excellent)



Institution : University of Jordan, Jordan

• **1993 – 1996 :**

Program : Bachelor of Mathematical Teacher

Program Structure : Course Work

Major : Mathematics

Minor : Education

Cumulative Average : 3.87 out of 4 (Excellent)

Institution : University of Jordan, Jordan

Research Experience

Institution	Rank	Period
Al-Balqa' Applied University	Associate Professor	13/9/2015 – Until Now
Qassim University	Associate Professor	18/9/2010 - 12/9/2010
Al-Balqa' Applied University	Associate Professor	12/1/2010 – 17/9/2010
Al-Balqa' Applied University	Assistant Professor	12/8/2004 – 12/1/2010
Al-Balqa' Applied University	Assistant Instructor A	22/9/2002 - 12/8/2004

Teaching Experience

Institution	Rank	Period
Al-Balqa' Applied University	Associate Professor	13/9/2015 – Until Now
Qassim University	Associate Professor	18/9/2010 - 12/9/2010
Al-Balqa' Applied University	Associate Professor	12/1/2010 – 17/9/2010
Al-Balqa' Applied University	Assistant Professor	12/8/2004 – 12/1/2010
Al-Balqa' Applied University	Assistant Instructor A	22/9/2002 - 12/8/2004

Awards and Special Achievements:

- ❖ A scholarship from Al-Balqa Applied University to get the Ph. D. degree in Mathematics from the University of Jordan (2002-2004).
 - ❖ The first student in the University of Jordan in B. Sc.
 - ❖ The first student in the department of mathematics in the University of Jordan in M. Sc.
 - ❖ The first student in the department of mathematics in the University of
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Jordan in Ph. D.

- ❖ During my graduate study, I was awarded teaching assistantship for several times.

Recent Publications

1. Generalizations of the Aluthge Transform of Operators, Filomat, 320(18), 6465–6474, 2018
 2. Sharpening Some classical numerical radius inequalities, Operators and Matrices, 12 (2), 407 – 416, 2018.
 3. Upper bounds for numerical radius inequalities involving off-diagonal operator matrices, Annals of Functional Analysis, 2017, 13 pages.
 4. Numerical radius inequalities for certain 2×2 operator matrices II, Linear Algebra and its Applications 523, 1–12, 2017.
 5. [Bounds for zeros of polynomials from numerical radius inequalities](#), Mathematical Inequalities & Applications, 20 (2), 557-563, 2017.
 6. Inequalities for generalized Euclidean operator radius via Young's inequality, Journal of Mathematical Analysis and Applications 445, 1516–1529, 2017.
 7. Extension of Euclidean operator radius inequalities, Mathematica Scandinavica, 120, 129–144, 2017.
 8. Bounds for the zeros of polynomials from numerical radius, in: International Arab Conference on Mathematics and Computations, Jordan, 2016.
 9. Trace inequalities for matrices, Bulletin of the Australian Mathematical Society 87, 139–148, 2013.
 10. Numerical radius inequalities for 2×2 operator matrices, Studia Math. 210, 99–115, 2012.
 11. Numerical radius inequalities for certain 2×2 operator matrices, Integral Equations and Operator Theory 71, 129–147, 2011.
 12. Numerical radius inequalities for commutators of Hilbert space operators, Numerical Functional Analysis and Optimization, 32 (7), 739–749, 2011.
 13. Norm inequalities for the absolute values of Hilbert space operators, Linear and Multilinear Algebra 58, No. 4, 453–463, 2010.
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14. Bounds and majorization relations for the zeros of polynomials, Numerical Functional Analysis and Optimization, 30 (1-2), 98–110, 2009.
15. Numerical radius and operator norm inequalities, Journal of inequalities and applications, Volume 2009, Article ID 492154, 2009.
16. Bounds for the zeros of polynomials based on spectral norm inequalities, in: The 4th International Conference on Information Technology, Jordan, 2009.
17. Operator norm inequalities of Minkowski type, Journal of Inequalities in Pure and Applied Mathematics, 9(1), Art. 26.
[<http://jipam.vu.edu.au/article.php?sid=944>], 2008.
18. Inequalities for powers of the numerical radii of Hilbert space operators, International Journal of Mathematical Analysis 2, 527–532, 2008.
19. A majorization relation for the zeros of polynomials from the elementary symmetric polynomials, in: The Second Conference on Mathematical Sciences, Jordan, 186–194, 2008.
20. Bounds for the zeros of polynomials from matrix inequalities. II, Linear and Multilinear Algebra 55, 147–158, 2007.
21. Some decomposition results of companion matrices, Journal of Mathematical Analysis and Applications 318, 626–633, 2006.

Conferences/ Workshops/ Seminars:

- Petra International Conference on Mathematics / Jordan, 2007.
- The Second Conference on Mathematical Sciences / Jordan, 2008.
- The 4th International Conference on Information Technology / Jordan, 2009.
- International Arab Conference on Mathematics and Computations, Jordan, 2016.

Supervised Doctoral & Master Theses:

- M.Sc Supervisor "Numerical Radius of Matrices", Luluah Abdullah Alassaf, 30 Jumadah II 1433H, Qassim University.
- M.Sc Supervisor "Bounds and Majorization Relations for the Zeros of Polynomials", Areej AlOmar, safar II 26th, 1434H, Qassim University.
- PhD joint-supervision "Bounds for zeros of polynomials from matrix inequalities", Mohammad Odeh, 2018, University of Jordan.
- M.Sc Supervisor "Numerical Radius Inequalities for Operator



Matrices in Hilbert Space", Tasnim Ibrahim Alharabsheh, 2019-2020, Al-Balqa Applied University

References

- Prof. Fuad Kittaneh, Department of Mathematics, , Faculty of Science, University of Jordan.
E-mail address: fkitt@ju.edu.jo
- Prof. Sever Dragomir, School of Engineering and Science, Victoria University, Australia.
Email Addresses: sever.dragomir@vu.edu.au,
URL: <http://www.staff.vu.edu.au/RGMIA/dragomir/>
- Prof. Nabil Shawagfeh, Department of Mathematics, Faculty of Science, University of Jordan.
E-mail address: shawagnt@ju.edu.jo.
- Prof. Hassan M. Al-Ezeh, Department of Mathematics, Faculty of Science, University of Jordan.
E-mail address: alezehh@ju.edu.jo.
- Prof. Mufid M. Azzam, Department of Mathematics, Faculty of Science, University of Jordan.
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