

Curriculum Vitae

Amer Ragheb Abu Omar

Personal Information

- Gender: Male
- Nationality: Jordanian
- Date of Birth: Jul. 5, 1983
- Place of Birth: Zarqa-Jordan
- Marital Status: Married

Contact Information

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Qualifications

Degree	Major	University	Year	GPA/Rating
PhD	Mathematics*	The University of Jordan	2013	3.92/4 Excellent
MSc	Mathematics	The University of Jordan	2008	3.73/4 Excellent
BSc	Mathematics	The University of Jordan	2005	3.71/4 Excellent
GSC (Tawjihi)	Scientific Stream		2001	95.2/100

* Dissertation title: *Numerical Radius Inequalities for Commutators of Hilbert Space Operators.*

Work Experience

Job title	University	Period
Assistant Professor	Fahad Bin Sultan University	October 4, 2015 – present
Assistant Professor	Philadelphia University	June, 2013 – September, 2014
Lecturer	Philadelphia University	Nov, 2012 – June, 2013

Teaching Record

The following are some of the courses which I have taught:

1. Foundation Mathematics (Precalculus)
2. Calculus I, II and III
3. Linear Algebra I
4. Real Analysis I and II
5. Complex Analysis

6. General Topology
7. Ordinary Differential Equations
8. Probability and Statistics
9. Discrete Mathematics

Publications

1. Amer Abu-Omar and F. Kittaneh, *A numerical radius inequality involving the generalized Aluthge transform*, *Studia Math.* 216 (2013), 69-75.
2. Amer Abu-Omar and F. Kittaneh, *Numerical radius inequalities for products of Hilbert space operators*, *Journal of Operator Theory*, 72 (2014), 101-107.
3. Amer Abu-Omar and F. Kittaneh, *Numerical radius inequalities for $n \times n$ operator matrices*, *Linear Algebra and its Applications*, 468 (2015), 18-26.
4. Amer Abu-Omar and F. Kittaneh, *Estimates for the numerical radius of the Frobenius companion matrix and bounds for the zeros of polynomials*, *Ann. Funct. Anal.* 5 (2014), 56-62.
5. Amer Abu-Omar and F. Kittaneh, *Upper and lower bounds for the numerical radius with an application to involution operators*, *Rocky Mountain J. Math.* 45 (2015), 1055-1065.
6. Amer Abu-Omar and F. Kittaneh, *Numerical radius inequalities for products and commutators of operators*, *Houston Journal of Mathematics*, 41 (2015), 1163-1173.
7. Amer Abu-Omar and F. Kittaneh, *Notes on some spectral radius and numerical radius inequalities*, *Studia Math.*, 227 (2015), 97-109.
8. Amer Abu-Omar and F. Kittaneh, *Generalized spectral radius and norm inequalities*, *International J. Math.*, 26 (2015), 1-9.
9. Amer Abu-Omar, *Notes on some bounds for the zeros of polynomials*, *Mathematical Inequalities & Applications*, 21 (2018), 481-487.
10. Amer Abu-Omar and P. Y. Wu, *Scalar approximants of quadratic operators with applications*, *Operators and Matrices*, 12 (2018), 253-262.
11. Amer Abu-Omar, *Spectral radius inequalities for sums of operators with an application to the problem of bounding the zeros of polynomials*, *Linear Algebra and its Applications*, 550 (2018), 28-36.
12. Amer Abu-Omar and F. Kittaneh, *A generalization of the numerical radius*, *Linear Algebra and its Applications*, 569 (2019), 323-334.
13. Amer Abu-Omar, *Numerical radius inequalities for products of Hilbert space operators II*, *Numerical Functional Analysis and Optimization*, accepted.

Honors and Prizes

Ministry of Higher Education and Scientific Research scholarship for academic distinction (2010–2012).

Languages

1. Arabic: Native tongue
2. English: High (Spoken, Written and Read)