

Curriculum Vitae
Shams Alyusof
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Education

- 2020 : Ph.D. in mathematics, George Mason University, VA, USA.
2016. : M.Sc. in Mathematics, George Mason University, VA, USA.
2013 - 2014 : Student at the BRIDGE Program, George Mason University, VA, USA.
2012 - 2013 : Student at English Language Institute, George Mason University, VA, USA.
2006 : M.Sc. in Mathematics, Functional Analysis, King Saud University, Riyadh, Saudi Arabia.
2001 : Bachelor Degree in Mathematics, College of Science and Education, Princess Nora University, Riyadh, Saudi Arabia.

Research interests:

Operator Theory (Major) \ Algebraic Geometry (Minor).

Professional Experiences

2020-present : Assistant professor, Math Department, College of Science, Imam University, Riyadh, Saudi Arabia.

Fall-2018 and Spring-2019 : Adjunct instructor, Math department, George Mason University, VA, USA.

2008 - 2012 : Lecturer, Math Department, College of Science, Imam University, Riyadh, Saudi Arabia.

2007- 2008 : Associate Chair, Math Department, College of Science, Imam University, Riyadh, Saudi Arabia.

2006 : Lecturer, College of Business Administration, King Saud University, Riyadh, Saudi Arabia.

Teaching Experience:

- Calculus I & II courses, Imam University, Riyadh, Saudi Arabia.
- Pre-calculus courses, King Saud University, Riyadh, Saudi Arabia.
- Computational Linear Algebra, King Saud University, Riyadh, Saudi Arabia.
- Quantitative reasoning, George Mason University, Fairfax, VA, USA.
- Introduction to Probability, George Mason University, Fairfax, VA, USA.
- Real Analysis, Imam University, Riyadh, Saudi Arabia.

Student Mentoring:

Faculty Mentor, Groebner bases (What & Why), undergraduate project, Imam university, Bashayer Aljuaid and Lama Althaqafi, 2021.

Publications:

Operators Norms and Essential Norm of Weighted Composition Operators from Analytic Function Spaces into Zygmund-type spaces

S Alyusof, F Colonna

Preprints:

- Weighted composition operators on S^p spaces into Zygmund-type spaces, with Flavia Colonna.
- Essential norm of weighted composition operators from analytic function spaces into V_n spaces, with Flavia Colonna.
- Weighted composition operators on S^p spaces into V_n spaces, with Flavia Colonna.

Talks:

- Multidisciplinary Colloquium, the Bridge Program, George Mason University, VA, USA, May 2014.
- Student Research Talks, George Mason University, VA, USA, September 2017.
- Student Research Talks, George Mason University, VA, USA, October 2018.
- Special Session in Complex Analysis and Operator Theory, American Mathematical Society Sectional Meetings, University of Arkansas, Fayetteville, AR, USA, November 2018.
- AMS Contributed Paper session on Operator Theory, Joint Mathematics Meetings, Baltimore, MD, USA, January 2019.
- The 35th annual Southeastern Analysis Meeting (SEAM), The University of Alabama, Tuscaloosa, AL, USA, February 2019.
- Special Session in Complex Analysis and Operator Theory, American Mathematical Society Sectional Meetings, Binghamton University, Binghamton, NY, USA, October 2019.
- The 36th annual Southeastern Analysis Meeting (SEAM), Old Dominion University, Norfolk, VA, USA, March 2020.

Workshops and Panels:

- Workshop on Character Varieties, Mathematics Research Communities (MRC), Snow Bird Utah, USA, June 2016.
- Workshop on Convexity, Fields Institute, Toronto, Canada,, October 2016.
- Academic Leadership Workshop, Saudi Cultural Mission, Fairfax, VA, USA, January 2018.
- Mathematics Research Communities (MRC) Focus Group, Joint Mathematics Meetings, Baltimore, MD, USA, January 2019.
- Mason core Pre-Assessment Workshop, George Mason University, February 2019.

Math Events Services:

- A volunteer in several Mason Experimental Geometry Lap Outreach activities at elementary schools and public libraries, Fairfax, VA, USA, 2016-17.
- Co-chair of the Operator Theory session, Joint Mathematics Meetings, Baltimore, MD, USA, January 2019.

ملخص بالعربي

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الاسم : شمس يوسف منصور اليوسف

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التعليم :

٢٠٢٠ دكتوراه في الفلسفة تخصص رياضيات من جامعة جورج ميسن في الولايات المتحدة الأمريكية.

٢٠١٦ ماجستير رياضيات من جامعة جورج ميسن في الولايات المتحدة الأمريكية.

٢٠٠٦ ماجستير رياضيات من جامعة الملك سعود في الرياض.

٢٠٠١ بكالوريوس العلوم في الرياضيات من جامعة الأميرة نورة في الرياض.

الخبرات العملية:

- ٢٠٢٠ حتى الآن: أستاذ مساعد في قسم الرياضيات، جامعة الإمام محمد بن سعود الإسلامية في الرياض.

- خريف ٢٠١٨ إلى ربيع ٢٠١٩: محاضر متعاون في قسم الرياضيات، جامعة جورج ميسن في الولايات المتحدة الأمريكية.

- ٢٠٠٨ إلى ٢٠١١: محاضر في قسم الرياضيات، جامعة الإمام محمد بن سعود الإسلامية في الرياض.

- ٢٠٠٧: وكيمة قسم الرياضيات ، جامعة الإمام محمد بن سعود الإسلامية في الرياض.
- ٢٠٠٦: محاضر متعاون في كلية إدارة الأعمال في جامعة الملك سعود في الرياض.