

Curriculum Vitae

Personal Information:

Maysaa' Mohamed Al Qurashi
Assistant Professor of Mathematics
Office No. 39, Third floor, building 5
Tel No. 8052171
E-mail: Maysaa@ksu.edu.sa

Academic Qualifications

- Post Doctorate, Oxford University, Oxford, UK, summer of 2009.
- PhD in Mathematics, Potential Theory, King Saud University, Riyadh ,Kingdom of Saudi Arabia, 2005.
- MSc in Mathematics , Functional Analysis, King Saud University, Riyadh, Saudi Arabia,1997.
- BSc in Mathematics, King Saud University, Riyadh, Saudi Arabia 1993.

Work Experience

- Assistant supervisor of King Salman Entrepreneurship Institute September 2016- till now
- Vice Dean Collage of Science September 2010-August 2016.
- Vice Head Mathematic department, 2010.
- Head of Quality Unit , College of Science 2008-2011.
- Assistant professor at King Saud University, Riyadh, Saudi Arabia from 2006 to date.
- Lecturer at King Saud University, Riyadh, Saudi Arabia from 1998 to 2006.
- Demonstrator at King Saud University, Riyadh, Saudi Arabia from 1994 to1998.

Dissertations and Publications

- MSc Thesis “Nuclear JC-Algebras and Injectivity.”, KSU 1997
- PhD Thesis “Complements in the Theory of Polysubharmonic Functions on Topological Spaces. ”,KSU 2005
- M. Al-Qurashi and V. Anandam, Polysuperharmonic functions on a harmonic space, Hokkaido Math. J. Volume 34, Number 2 (2005), pp315-330.
- M.Damlakhi, M.Al-Qurashi and V.Anandam , Almansi functions near infinity in R^n , IJPAM, Volume 20, Number 4, 2005, pp 513-525.
- M. Alqurashi, N. Altwaijry, C. M. Edwards, C. Hoskins, The Banach-Lie Algebra of Multiplication Operators on a W^* -algebra, AEJM, Vol 4, Issue 2, 2011, pp 235-261.
- Number Theory- part I, (Book) , Saudi Mathematical Olympiad series , Mawheba,2015.
- Mustafa Inc, Zeliha S Korpinar, Maysaa’ Al Qurashi and Dumitru Baleanu, New method for approximate solutions of some nonlinear equations:Residual power series method, Advances in Mechanical Engineering 2016, Vol. 8(4) 1–7.
- José Aguilar, Victor Delgado,Marco Hernández, Dumitru Baleanu, Ricardo Fabricio and Maysaa Mohamed Al Qurashi, Analytical Solutions of the Electrical RLC Circuit via Liouville–Caputo Operators with Local and Non-Local Kernels, Entropy 2016, 18, 402.
- Sadia Arshad, Dumitru Baleanu, Jianfei Huang, Yifa Tang1 and Maysaa Al Qurashi, Dynamical analysis of fractional order model of immunogenic tumors, Advances in Mechanical Engineering 2016, Vol. 8(7) 1–13.

- Kottakkaran Nisar, Dumitru Baleanu and Maysaa' Al Qurashi, Fractional calculus and application of generalized Struve function, SpringerPlus (2016) 5:910.
- K. S. Nisar, S. D. Purohit, M. S. Abouzaid, M. Al Qurashi, D. Baleanu Generalized k-Mittag-Leffer function and its composition with pathway integral operators, J. Nonlinear Sci. Appl. 9 (2016), 3519-3526.
- Maysaa Al-Qurashia, Lakhdar Ragoub, Nonexistence of solutions to a fractional differential boundary value problem, J. Nonlinear Sci. Appl. 9 (2016), 2233-2243.
- Mustafa Inc, Bulent Kilic, Esra Karatas, Maysaa' Al Qurashi, Dumitru Baleanu, and Fairouz Tchier, On soliton solutions of the Wu-Zhang system, Open Phys. 2016; 14:76–80.
- Abdon Atangana, Dumitru Baleanu, Maysaa' Al Qurashi, and Xiao-Jun Yang, On the Nonlinear Perturbation $K(n,m)$ Rosenau-Hyman Equation: A Model of Nonlinear Scattering Wave, Advances in Mathematical Physics Volume 2015, Article ID 746327, 8 pages.
- Dumitru Baleanu, Vahid Hedayati, Shahram Rezapour and Maysaa' Al Qurashi, On two fractional differential inclusions, SpringerPlus (2016) 5:882

Graduate students supervision:

- Co-supervision of MSc student Amani Ba azeem, 2010.
- Co-supervision of MSc student Ibtehal alazman, 2012.

Research Interests

Different Fields of Analysis such as: Theory of Operator Algebras on C^* -algebras, von Neumann Algebras, Jordan Algebras, JB^* -

Triple Theory. Etc ,Harmonic Analysis, Almansi Representations, Potential Theory, etc

Experiences in Quality and accreditation:

- EFQM (European Foundation Of Quality Management) Assessor
- Worked as the head of the female team in the international accreditation for the college of science ASIIN.
- Worked as member of the team preparing SSR of KSU in applying for NCAAA accreditation.
- Worked as the head of the team and a consultant in PNU project to prepare for Academic accreditation in Mathematical department.
- A member of the team preparing SSR of KSU for renewing NCAAA accreditation.