

Muath Karaki

Resume

+970 (599) 078 449

+970 (09) 234 5113

✉ muath.karaki@najah.edu

Personal Information

- Date of Birth: May 13, 1986
- Place of Birth: Hebron-Palestine
- Nationality: Palestinian
- Marital Status: Married

Education

- 2015 **PhD of Mathematics**, *Department of Mathematics and Statistics - Laval University, Quebec-Canada.*
Thesis Title: Composition operators on model spaces.
Supervisors: Prof. Emmanuel Fricain and Javad Mashreghi.
- 2015 **PhD of Mathematics**, *Laboratoire Paul Painleve, University of Lille 1 - Sciences and Technologies, Lille-France.*
Thesis Title: Composition operators on model spaces. Supervisors: Prof. Emmanuel Fricain and Javad Mashreghi.
- 2011/2012 **Ph.D of Mathematics(First year)**, *Institut Camille Jordan, University of Lyon 1, Lyon-France, .*
Thesis Title: Composition operators on model spaces. Supervisor: Prof. Emmanuel Fricain.
- 2010 **M.Sc of Mathematics**, *Palestine Polytechnic University, Hebron-Palestine.*
Thesis Title: Algebraic properties of Truncated Toeplitz operator.
Supervisor: Prof. Emmanuel Fricain.
- 2007 **B.Sc of Mathematics**, *Palestine Polytechnic University, Hebron-Palestine.*
Thesis Title: Logistic and Poisson regression.
Supervisor: Dr. Ibrahim Al-Masri.

Experience

2015–present **Assistant Professor**, *An-Najah National University, Nablus.*

Course taught:

- Graduate: Real Analysis, Complex Analysis, Functional Analysis
- Undergraduate: Modern Analysis I, Complex Analysis, Calculus I, Calculus II and Calculus III

Master Thesis committee member:

- I was an internal examiner for:
 - Esra'a AbuLibdeh, Mathematical Analysis of Heat Radiation Problems. Supervisor: Professor Naji Qatanani. 2015
 - Jihan Hamaydi, Analytical and numerical methods for solving linear fuzzy Volterra integral equation of the second kind. Supervisor: Professor Naji Qatanani. 2015
 - Dua'a Al-Afghani, A comparative study in cone metric spaces and cone normed spaces. Supervisor: Abdallah Hakawati. 2016
 - Haitham Abu Sarries, Cone metric spaces. Supervisor: Abdallah Hakawati. 2016

2010–2011 **Teacher**, *Department of Mathematics Almostaqbal Schools*, Ramallah-Palestine.

2007–2009 **Teacher**, *Ministry of education*, Hebron–Palestine.

Publications and Conference talks

- A group structure on \mathbb{D} and its application for composition operators (with E. Fricain and Javad Mashreghi). *Ann. Funct. Anal.*, Special issue in honor of A. To-Ming Lau, 7(1):76–95, 2015.
- Composition operators on de Branges-Rovnyak spaces (with E. Fricain and Javad Mashreghi), article in progress
- On norm of composition operators on Model spaces, in progress.
- Groupe de Travail: Analyse Fonctionnelle et Harmonique, 18/1/2013, Title: Carleson Measures and model spaces.
- Palestinian Conference on Modern Trends in Mathematics and Physics III, July 16-18, 2012, Palestine Polytechnic University, Hebron, Palestine
Talks title: Boundary behavior of de-Branges Rovenyak spaces.
<http://www.pcmtmp.org/>
- Palestinian Conference on Modern Trends in Mathematics and Physics II, August 2-4, 2010, An-Najah University, Nablus, Palestine.
Talks title: Algebraic properties of truncated Toeplitz operators.
<http://www.najah.edu/node/22935>

Conferences

- Journées annuelles du GDR Analyse Fonctionnelle, Harmonique et Probabilités October 13-15 2014. Lille-France.
- Sous espaces invariants pour le shift. August 2013, Montreal Canada
- école d'été en Analyse Mai 28 -June 1 2013 Lens–France
- Workshop in Operator Theory, Complex and Harmonic Analysis, May 27-28 2013. Lille France
- Journées du GdR Analyse Fonctionnelle, Harmonique et Probabilités October 29-31, 2012, Université Paris-Est Marne-la-Vallée, Paris, France.
- Journée des doctorants en mathématiques, September 19, 2012, University of Lille1, Lille, France.

- Harmonic analysis meeting, May 23 - 25, 2012, Universit Paul Sabatier, Toulouse, France. <http://www.math.univ-toulouse.fr/FRABtlse/>
- World wide web April 16-20, 2012, University Claude Bernard Lyon1, Lyon, France. <http://www2012.wwwconference.org/>.
- Palestinian Conference on Modern Trends in Mathematics and Physics , July 28-30, 2008, Birzeit University, Birzeit, Palestine, <http://www.birzeit.edu/mathphysconference/>

Languages

- Language 1 **Arabic**
Language 2 **English**
Language 3 **French (bigenner)**

Computer skills

- Oracle Data Base, SPSS, C Language, \LaTeX .