



# Noha Abdulrahman Aljaber

Assistant Professor

## Personal Data

Nationality | Saudi

Date of Birth | 13/06/1979

Department | Mathematics

Official IAU Email | naljaber@iau.edu.sa

Office Phone No. | 0504821756

## Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√
Others			

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
5\5\2018	PHD in Applied Mathematics	Florida Institute of Technology	
26\5\2008	Master in Applied Mathematics	King Faisal University	
5\6\2001	BA in Mathematics	University of Dammam	

## PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

<b>PhD</b>	Boundary Value Problems in a Multidimensional Box for Higher Order Linear and Quasi-Linear Hyperbolic Equations
<b>Master</b>	Uniform Decay for Some Problems in Viscoelasticity
<b>Fellowship</b>	

## Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
<b>Assistant Professor.</b> Duties included teaching Math in the Science College and performing administrative work.	Imam Abdulrahman Bin Faisal University. Dammam.	2018-Present.
<b>Lecturer.</b> Duties included teaching Math in the Science College and performing administrative work.	Imam Abdulrahman Bin Faisal University. Dammam.	2009-2018.



<b>Instructor.</b> Duties included full-time teaching of Math in the Science College.	University of Dammam. Dammam.	2008-2009.
<b>Instructor.</b> Duties included teaching Math in Science College on an hourly basis.	University of Dammam. Dammam.	2003-2008.

#### Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date

#### Scientific Achievements

##### Published Refereed Scientific Researches (In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Tariel Kiguradze and Noha Aljaber	Multi dimensional boundary value problems for linear hyperbolic equations of higher order	International Workshop QUALITDE 2016, Tbilisi, Georgia, 127-131
2	Tariel Kiguradze and Noha Aljaber	Ill-Posed Multidimensional boundary value problems for linear hyperbolic equations of higher order	International Workshop QUALITDE 2017, Tbilisi, Georgia, 92-96
3	Salim A. Messaoudi and Noha Aljaber	On the uniform decay in an integro-differential elastic equation	PAMM · Proc. Appl. Math. Mech. 7, 1151405–1151406 (2007) / DOI 10.1002/pamm.200701063
4	Salim A. Messaoudi and Noha Aljaber	Exponential and polynomial decay in a semilinear Integro-differential elastic equation	J. King Saud Univ., Vol.21, Science (Special Issue), pp.41-48, Riyadh (2009)

##### Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
	Tariel Kiguradze and Noha Aljaber	Multidimensional periodic problems for higher order linear hyperbolic equations	Georgian Math. J.	5/4/2018

##### Scientific Research Papers Presented to Refereed Specialized Scientific Conferences



#	Name of Investigator(s)	Research Title	Conference and Publication Date

### Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date

### Current Researches

#	Research Title	Name of Investigator(s)
1	Well-Posed boundary value problems in a multidimensional box for higher order linear hyperbolic equations	Tariel Kiguradze and Noha Aljaber
2	Well-posedness and asymptotic behavior for nonlinear wave equations with weighted nonlinear terms	Mohamed Majdoub and Noha Aljaber

### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Third workshop on Partial Differential Equations and Applications.	King Fahd University of Petroleum and Minerals, Saudi Arabia. December 24, 2018	Multidimensional Periodic Problems for Higher Order Linear Hyperbolic Equations.
2	Workshop on Fractional Models in Science and Engineering (FMSE18) Theory and Computation.	King Fahd University of Petroleum and Minerals, Saudi Arabia. December 10, 2018	Attendance
3	American Mathematical Society (AMS) Spring Eastern Sectional Meeting, meeting #1139.	Northeastern University, Boston, MA. April 21, 2018.	Periodic Problems for a Higher Order Linear Hyperbolic equation
4	American Mathematical Society (AMS) Fall Southeastern Sectional Meeting, meeting #1133.	University of Central Florida, Orlando, FL. September 23, 2017.	Unique Solvability of Ill-posed Periodic Problem for a Higher Order Linear Hyperbolic Equation



### Membership of Scientific and Professional Societies and Organizations

- Member in American Mathematical Society (AMS)
- Member in Saudi Association for Math. Sciences (SAMS )

### Teaching Activities

#### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
	Calculus 1	Math 201	
	Mathematics for physical science II	Math 308	

#### Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	Introduce limits, continuity and derivatives to students.
2	Differential equations and special functions.

#### Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)

#### Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

1	
2	

#### Course Coordination

#	Course Title and Code	Coordinatio n	Co- coordination	Undergra d.	Postgrad.	From	to

#### Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date

#### Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to



	Undergraduate		2008	2012

#### Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date

#### Ongoing Research Supervision

#	Degree Type	Title	Institution	Date

#### Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

##### Administrative Responsibilities

#	From	To	Position	Organization

##### Committee Membership

#	From	To	Position	Organization
	2009	2012	coordinator of the timetables and lecture hall in Dammam University.	Dammam University.
	2010	2011	coordinator in the scientific research committee in Dammam University.	Dammam University.
	2018	present	Vice president in the timetables and lecture hall committee in Mathematics department in Imam Abdulrahman Bin Faisal University.	Imam Abdulrahman Bin Faisal University.
	2018	present	Coordinator of the Mathematics Department website.	

##### Scientific Consultations

#	From	To	Institute	Full-time or Part-time



### Volunteer Work

#	From	To	Type of Volunteer	Organization

### Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	
2	

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### Last Update

...04.../...02.../2019