Banan Suliman Al-Homidan

POSITION: Lecturer

Personal Data

Nationality | Saudi Arabia

Department | Mathematics

Official UoD Email | bshomidan@iau.edu.sa

Office Phone No. | -

Language Proficiency

Language	Read	Write	Speak
Arabic	×	×	×
English	×	×	×

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2024	PhD	Saudi Arabia	KFUPM
2020	Master	Saudi Arabia	IAU
2011	Bachelor	Saudi Arabia	IAU

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

PhD	Stability of Beams Subject to Torsion and Fractional Factors
Master	Existence and stability of standing waves for nonlinear Schrödinger equation with or without confinement
Fellowship	-

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Lecturer	Saudi Arabia	Imam Abdulrahman Bin Faisal University	2021
Teaching Assistant	Saudi Arabia	Imam Abdulrahman Bin Faisal University	2012
Teacher	Saudi Arabia	KFUPM SCHOOL	2011

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	Jamilu Hashim Hassan, Nasser-eddine Tatar, Banan Al-Homidan.	Mittag-Leffler stability and Lyapunov stability for a problem arising in porous media	*Fractional Calculus and Applied Analysis* (2024): 1-22.
2	Banan Al-Homidan, Nasser-eddine Tatar.	Fractional Timoshenko beam with a viscoelastically damped rotational component	*AIMS Mathematics* 8.10 (2023): 24632-24662.

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	**Female Research Day**	KFUPM (12-12-2021)	Talk
2	**1ˢᵗ scholar post day**	IAU (9-4-2019)	Present

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Partial differential equation	3413	Laboratory
2	Ordinary Diferential Equations	1703	Laboratory
3	Complex Analysis	4409	Laboratory
4	Algebra 2	4852	Laboratory
5	Basics of Geometry	6068	Laboratory
6	Numerical Analysis	6066	Laboratory
7	Real Analysis 1	5888	Laboratory
8	Principles of analysis	6198	Laboratory
9	General Mathematics	5878	Laboratory
10	Special Function	6700	Laboratory
11	Linear Algebra	5001	Laboratory
12	Algebra (1)	4891	Laboratory
13	Set Theory	1486	Laboratory
14	Applied Mathematics	1876	Laboratory
15	Calculus (3)	3231	Laboratory
16	Calculus (2)	6079	Laboratory

Last Update

14./08/2024