Mohammed Dahan Ahmed KASSIM

Assistant Professor

Personal Data

Nationality | Yemeni

Date of Birth | ١٩٨٤

Department | Department of Basic Sciences and Human

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Office Phone No. | N / A

Language Proficiency

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

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2011-2016	PhD-Department of Mathematics and Statistics	KFUPM	Dhahran (Saudi Arabia)
2007-2011	M.Sc.-Department of Mathematics and Statistics	KFUPM	Dhahran (Saudi Arabia)

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

PhD	Properties of solutions for some classes of nonlinear fractional differential equations
Master	Well-Posedness for a Cauchy Fractional Differential Problem with Hilfer Type Fractional Derivative
Fellowship	

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Assistant Professor	Imam Abdulrahman Bin Faisal University	2016-till date
Lecturer B	KFUPM, Dhahran, KSA	٢٠١١-٢٠١٦
Research Assistant	KFUPM, Dhahran, KSA	٢٠٠٧-٢٠١١
Graduate Assistant	University of Sana'a, Yemen	٢٠٠٢-٢٠٠٧

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date

Committee In-charge – Community Service & Strategy Plan	Imam Abdulrahman Bin Faisal University College of Engineering	2018– Till Date
Secretary of the Department of Basic Sciences	Imam Abdulrahman Bin Faisal University College of Engineering	2016-2018

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	MD Kassim, Khaled M Furati, N-E Tatar	Nonexistence of global solutions for a fractional differential problem	Journal of Computational and Applied Mathematics 314, 61-68 (2017)
2	MD Kassim, Khaled M Furati, N-E Tatar	Non-existence for fractionally damped fractional differential problems	Acta Mathematica Scientia 37 (1), 119-130 (2017)
3	MD Kassim, Khaled M Furati, N-E Tatar	Asymptotic behavior of solutions to nonlinear initial-value fractional differential problems	Electronic Journal of Differential Equations 2016 (291), 1-14 (2016)
4	MD Kassim, Khaled M Furati, N-E Tatar	Asymptotic behavior of solutions to nonlinear fractional differential equations	Mathematical Modelling and Analysis 21 (5), 610-629 (2016)
5	MD Kassim	Properties of Solutions for Some Classes of Nonlinear Fractional Differential Equations	KFUPM (2016)
6	KM Furati, MD Kassim, NE Tatar	Non-existence of global solutions for a differential equation involving Hilfer fractional derivative	Electron. J. Differ. Equ 235, 1-10 (2013)
7	MD Kassim, NE Tatar	Well-posedness and stability for a differential problem with Hilfer-Hadamard fractional derivative	Abstract and Applied Analysis 2013
8	KM Furati, MD Kassim	Existence and uniqueness for a problem involving Hilfer fractional derivative	Computers & Mathematics with Applications 64 (6), 1616-1626 (2012)
9	MD Kassim, Khaled M Furati, N-E Tatar	On a differential equation involving Hilfer-Hadamard fractional derivative	Abstract and Applied Analysis 2012
10	MD Kassim	Well-posedness for a Cauchy fractional differential problem with Hilfer type fractional derivative	KFUPM (Saudi Arabia) (2011)

Current Researches

#	Research Title	Name of Investigator(s)

1	Halanay Inequality involving Caputo-Hadamard Fractional Derivative and Application	MD Kassim, NE Tatar
2	Halanay inequality with Hadamard derivative and application to a neural network system	MD Kassim, NE Tatar
3	Arbitrary stability for a Hopfield Neural Network problem with discrete and distributed delays	MD Kassim, NE Tatar
4	Stability of logarithmic type for a Hadamard fractional di§erential problem	MD Kassim, NE Tatar
5	Lie Symmetry Analysis of time fractional Fin Equation	S. M. Ali, M. D. Kassim

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Calculus I	Math ٢٦١	Main Instructor
2	Calculus II	Math ٢٦٢	Main Instructor
3	Differential Equations	Math ٣٣١	Main Instructor
4	Linear Algebra	Math ٣٠٢	Main Instructor
5	Numerical Methods	Math ٤٧٢	Main Instructor
6	Probability and Statistics	Math ٤١١	Main Instructor

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

1	Provided above
2	

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

Administrative Responsibilities

#	From	To	Position	Organization
1	2016	2018	Secretary of the Department of Basic Sciences	College of Engineering
2	2018	Till date	Community Service	College of Engineering
3	2018	Till date	Strategy Plan	College of Engineering

Committee Membership

#	From	To	Position	Organization
1	2018	Till date	Community Service Committee	College of Engineering
2	2018	Till date	Strategy Plan Committee	College of Engineering

Last Update

17/1/2019...