



Fatimah Abdulrahman Alrawajeh
Assistant Professors
Ph.D/Numerical Analysis
Department Of Mathematics
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Personal Data

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Language Proficiency

Language	Read	Write	Speak
Arabic	✓	✓	✓
English	✓	✓	✓
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2010	Ph.D	Dammam university	P. O. Box 1982, Dammam31441, Saudi Arabia.
2003	Master	Science college	P. O. Box 1982, Dammam31441, Saudi Arabia.
1997	Bachelor	Science college	P. O. Box 1982, Dammam31441, Saudi Arabia.

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

PhD	Symbolic and Numerical methods for some regular and singular Fredholm linear integral equations
Master	Numerical methods for the inverse of the Laplace transform.
Fellowship	

Professional Record: (Beginning with the most recent)



Job Rank	Place and Address of Work			Date
Ass. Prof.	Math. Dep	Dammam university	P. O. Box 1982, Dammam31441, Saudi Arabia.	2010
Lecturer	Math. Dep	Science college	P. O. Box 1982, Dammam31441, Saudi Arabia.	2003
Teaching Assistant	Math. Dep	Science college	P. O. Box 1982, Dammam31441, Saudi Arabia.	1997

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Dean of Applied college	Applied college	2021- Present
Vice dean of student affair	Dean ship of student affair	2018-2021
Vice dean of community college	Community college	2017-2018

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	Abdulaziz Al-Shuaibi Fatima A Alrawjih	Jacobi polynomials used to approximately invert the Laplace transform	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING 2005
2	Abdulaziz Al-Shuaibi Fatima A Alrawjih	Jacobi polynomials used to invert the laplace transform	Analysis in Theory and Applications 2004
3	M. A. Sharaf and F. A. Alrawjih	Computational Algorithm for the Exponential Integral	Al-Azhar Bultien Science 2015
4	M. A. Sharaf and F. A. Alrawjih	Evaluation of the Elliptic Integrals	Al-Azhar Bultien Science 2015
5	M. A. Sharaf and F. A. Alrawjih	First-order perturbed eigenvalue problems in a uniform expansion for Fredholm integral equations	Far East Journal of Applied Mathematics 2013
6	Zeyad Al-Zhour, Fatimah Al Rawajeh , Nouf AL-Mutairi and Raed	New Results On The Conformable Fractional Sumudu Transform:	International Journal of Analysis and Applications



	AlKhasawneh	Theories And Applications	Volume 17, Number 6 (2019), 1019-1033
7	Nahla El_Hagggar, Nesrine Mezhoudi, Fatimah Alrawjih	The Impact of Co-curricular Activities Supported by Generic Skills on Students' Performance at University Level	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-12, October, 2019
8	Zeyad Al-Zhour, Fatimah Al Rawajeh , Nouf AL-Mutairi and Raed AlKhasawneh	Series solutions for the Laguerre and Lane-Emden fractional differential equations in the sense of conformable fractional derivative	Alexandria Engineering Journal 2019
9	Zeyad Al-Zhour, Fatimah Al Rawajeh , Nouf AL-Mutairi and Raed AlKhasawneh	Engineering Physics and Mathematics New theoretical results and applications on conformable fractional Natural transform	Ain Shams Engineering Journal August 2020
10	Saqib Nazeer, Muhammad Hussain, Fatimah Abdulrahman Alrawajeh and Sultan Almotairi	Metric Dimension on Path-Related Graphs	Saqib Nazeer, Muhammad Hussain, Fatimah Abdulrahman Alrawajeh and Sultan Almotairi
11	Muhammad Mubashar, Muhammad Hussain, Fatimah Abdulrahman Alrawajeh, and Sultan Almotairi	Study of Generalized Hourglass Section in Carbon Nanocone via Connection Number	Muhammad Mubashar, Muhammad Hussain, Fatimah Abdulrahman Alrawajeh, and Sultan Almotairi
12	Fatimah Abdulrahman Alrawajeh ¹ , F. M. Allehiany ² , Ali Raza ^{3,*} , Shaimaa A. M. Abdelmohsen ⁴ , Tahir Nawaz Cheema ⁵ , Muhammad Rafiq ⁶ , Muhammad Mohsin ⁷	Bio-Inspired Computational Methods for the Polio Virus Epidemic Model	Fatimah Abdulrahman Alrawajeh ¹ , F. M. Allehiany ² , Ali Raza ^{3,*} , Shaimaa A. M. Abdelmohsen ⁴ , Tahir Nawaz Cheema ⁵ , Muhammad Rafiq ⁶ , Muhammad Mohsin ⁷

Contribution to Scientific Conferences and Symposia



#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	The First Scientific Forum: The Role of Women in Community Service	College of Education in Jeddah - 1426	Attended
2	The First International Conference: E-Learning and Distance Learning	Riyadh - National Dialogue Center - 1430	Attended
3	The first scientific episode: Scientific research: its status, reward, images of its support	Dammam College of Science - 1429	Attended
4	The first scientific meeting: the product of the scientific pioneers	Dammam College of Science - 1429	Attended
5	The first scientific conference for students of higher education	Ministry of Higher Education - 1431	Attended
6	First Symposium: Information and Communication Technologies in Education and Training	King Saud University - Riyadh - 1431	Attended
7	Gulf Mathematica Conference "An Introduction to Mathematica"	Emirates University - Al Ain - United Arab Emirates - 2007	Attended
8	Gulf Mathematica Conference "Introduction to Programming in Mathematica"	Emirates University - Al Ain - United Arab Emirates - 2007	Attended
9	The Second International Conference: E-Learning and Distance Learning	Riyadh - National Dialogue Center - 1432	Attended
10	E-Learning Week	University of Dammam - 2010	Attended
11	International Conference on Numerical Analysis and Examples	Dhahran - King Fahd University of Petroleum and Minerals - 2011	Attended
12	first math meeting	University of Dammam - College of Science	Attended
13	Preparatory meeting for the third student conference	University of Dammam	
14	First European Wolfram Technology conference	Germany - Radisson Blu hotel - 2013	Attended
15	International Exhibition and Conference on Higher Education	Ministry of Higher Education - 2014	Attended
16	Preparatory meeting for the sixth student conference	University of Dammam	judgement Commission



17	Practical session (administrative leadership)	Institute of Management	trainee
18	Practical session (job performance management)	Institute of Management	trainee
19	Women's Leadership Forum in Higher Education	Academic Leadership Center	trainee
20	KAUST Saudi Leadership Program	King Abdullah university	trainee
21	ISO 9001 Internal Audit Training Program	UTV	trainee
22	Collaborative learning centered around the learner	IAU	trainee

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
	Master			

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

Proficiency in a number of software (Mathematica- Matlab)
