

Curriculum Vitae

Dr. Amira Ragab Abd El-Malek

Lecturer

Department of Mathematics and Physics

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1. Personal Information

First Name / Sure Name: Amira Ragab Abd El-Malek

Date of Birth: 19/3/1985

Address:

Nationality: Egyptian

E-mail: amira-ragab@eru.edu.eg

Gender: Female

2. Education

Title of Awarded Degree	Name of Organization Providing Education	Principle Subject	Dates	
			From	To
Ph.D.	Ain Shams University	Pure mathematics	2015	2019
Thesis Title: Symmetric Studies for Some Partial Differential Equations and Fractional Differential Equations				
MSc.:	Ain Shams University	Pure mathematics	2010	2013
Thesis Title: Symmetric Analysis for some Partial Differential Equations				
BSc. :	Ain Shams University	Pure and applied mathematics	2003	2007

3. Professional Experience

Occupation	Name & Address of Employer	Main Activities & Responsibilities	Dates	
			From	To
lecturer	Faulty of Engineering, Egyptian Russian University	Teaching undergraduate & graduate courses	2019	present
Assistant lecturer	Faulty of Engineering, Egyptian Russian University	Assistant lecturer	2013	2019
Demonstrator	Faulty of Engineering, Egyptian Russian University	Demonstrator	2009	2013
Demonstrator	Faulty of Engineering, British University in Egypt	Demonstrator	2007	2009

4. Discipline

General Discipline	Mathematics	Principle Subject	Pure Mathematics
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5. Professional & Technical Skills

Course Title	University
Calculus 1	British University in Egypt
Calculus 2	British University in Egypt
Calculus 3	British University in Egypt
Calculus 4	British University in Egypt
Differential Equations	British University in Egypt
Numerical Methods	British University in Egypt
Probability and statistic.	Egyptian Russian University
Math for pharmacy	Egyptian Russian University
Mathematics 1	Egyptian Russian University
Mathematics 2	Egyptian Russian University
Mathematics 3	Egyptian Russian University
Mathematics 4	Egyptian Russian University
Numerical Analysis	Egyptian Russian University
Engineering Mechanics 1	Egyptian Russian University
Engineering Mechanics 2	Egyptian Russian University
Discrete Mathematics	Egyptian Russian University

6. Personal Skills

Computer Skills	Self Assessment		
	Excellent	Good	Fair
Microsoft Office	√		
Scientific WorkPlace	√		
Mathematica	√		
Matlab		√	
Forten		√	
E-Learning		√	
Language Skills	Excellent	Good	Fair
Arabic	√		
English	√		
French			√

7. Scientific Activities

a. Publication:

- 1- H. A. Zedan, S. S. Tantawy and A. R. Abdel-Malek, " A Novel Class of Solutions for the (2+1)-Dimensional Higher- Order Broer-Kaup System", International Conference on Mathematics, 2012.
- 2- H. A. Zedan, S. S. Tantawy and A. R. Abdel-Malek, "Invariance of the nonlinear generalized NLS equation under the Lie group of scaling transformations", Nonlinear Dynamics Journal, 82:2001.2005; 2015.
- 3- H. A. Zedan, S. S. Tantawy and A. R. Abdel-Malek, "Optimal System of Subalgebras for the Time Fractional Generalized Burgers Equation", Asian Research Journal of Mathematics, 11(4):1-23; 2018.
- 4- H. A. Zedan, S. S. Tantawy and A. R. Abdel-Malek, "Conservation laws for the space-time fractional of classical Drinfeld.s Sokolov-Wilson (FDSW) system", Journal of Fractional Calculus and Applications, 10(2):207-215; 2019.

b. Supervision:

- 1- Prof. Hassan Ahmed Zedan, Kafr El-Sheikh University
- 2- Dr. Seham Shepl Tantawy, Ain Shams University.

Degree	Researcher Name
MSc.:	A Novel Class of Solutions for the (2+1)-Dimensional Higher- Order Broer-Kaup System
Ph.D.	Invariance of the nonlinear generalized NLS equation under the Lie group of scaling transformations
Ph.D.	Optimal System of Subalgebras for the Time Fractional Generalized Burgers Equation
Ph.D.	Conservation laws for the space-time fractional of classical Drinfeld.s Sokolov-Wilson (FDSW) system

c. Conferences

Conferences	Professional Conference Organizer
The 8 th Symposium of the Fractional Calculus and Applications Group, 2016	Faculty of Science, Alexandria University
4 th International Conference on Mathematics & Information Science (ICMIS 2015)	Zewail City of Science and Technology
4 th International Conference on Mathematics & Information Science (ICMIS 2013)	Zewail City of Science and Technology
International Conference on Mathematics, 2012	The Egyptian Mathematical Society

I certify that the information provided in this curriculum vitae is accurate.

Name	Amira Ragab	Signature	Amira Ragab	Date	4-2-2021
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