Personal Data

Name**: Ahmed Omer Mohammed Abubaker**

Date of Birth: 27.7.1976

Gender : male

Nationality: Sudanese

Religion : Muslim

Marital Status: married

Language: Mother Tongue Arabic

Study language: English, Chinese

Current address: P.O. Box 406, Postal Code 123, Mathematics Department, Faculty of Education University of Khartoum, Sudan

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Academic Qualifications

1. Elementary School, 1984 – 1990
2. Junior Secondary School, 1990 – 1993
3. High Secondary School, 1993 – 1996
4. Bachelor of Science and Education (Honours) (Mathematics/ Physics) in the Faculty of Education, University of Khartoum, Sudan 1997 – 2001
5. Master Degree, (Industrial and Computational Mathematics) Faculty of Mathematical Science, University of Khartoum, Sudan 2006
6. Ph.D in Ordinary Differential Equations and Dynamical Systems, under the title of (Positive Solutions and Sign-changing Solutions of Second-order BVPs Involving One-dimensional p-Laplacian), Northwest Normal University , China 2013

Area of Specialization: Differential Equations

Teaching experiences

* Teaching Assistance, Mathematical Department, Faculty of Education, University of Khartoum (Full time) (Feb 2003 – Mar 2006).

* Lecturer, Mathematical Department, Faculty of Education, University of Khartoum (Full time) (Mar 2006 – Jun 2013).

* Lecturer, Faculty of Engineering, University of Karary (Part time) (2006 – Jul 2009).

* Lecturer, Mathematical Department, Faculty of Education,Omdurman Islamic University (Part time) (2007 – 2008).

*Assistant Professor, Mathematical Department, Faculty of Education, University of Khartoum (Full time) (Jul 2013 – to current date).

* Assistant Professor, Faculty of Engineering, University of Karary (Part time) (Dec 2013 – to current date).

Teaching Course

I teach the following Courses

1.Calculus I

2.Calculus II

3.Calculus III

4.Topic in Algebra

5.Algebra

6.Linear Algebra.

7. Sets Theory

8. Functions of Several Variables.

9. Ordinary Differential Equations.

10. Introduction of Probability and Statistics.

11. Statistics II

12. Complex Variables.

13. Filed Theory

14.Mathematical physics

15. Mathematical Methods

Training Courses

- Basic course in Educational preparation in center of academic staff development – university of Khartoum faculty of education- Jun -Jul-2006.
- International Training Workshop on Auto graphic , Sudan university Oct 2014

Administrative tasks

- Member of the Faculty Board May 2014- to current date
- Member of faculty of Education examinations committee 2014

Publications

1. **Ahmed Omer Mohammed Abubaker**; The Existence of Positive Solutions of Semi-Ppsitone 3×3 Systems, International Journal of Research and Reviews in Applied Sciences,12, 1 (2012)

2. Ruyun Ma, Yanqiong Lu and **Ahmed Omer Mohammed Abubaker**; On positive solutions to equations involving the one-dimensional p-Laplacian, Boundary Value Problems 2013, 2013:125

3. Ruyun Ma, Chunjie Xie **Ahmed Omer Mohammed Abubaker;** Positive Solutions of the One-Dimensional P-Laplacian with Nonlinearity Defined on a Finite Interval, Abstract and Applied Analysis, Volume 2013 (2013), Article ID 492026, 6 pages

, http://www.hindawi.com/72382586/

4. **Ahmed Omer Mohammed Abubaker;** One-dimensional p-Laplacian equations for a class

of non-positone problems; International Journal of Mathematical Science; (Accepted).

5. **Ahmed Omer Mohammed Abubaker;** Positive solutions for one-dimensional p-Laplacian boundary value problems with nonlinear parameter; International Journal of Applied Mathematical Research; (Accepted).