CURRICULUM VITAE

ABAKER ABDALLA HASSABALLA TAHIR, PhD

(Male, Born on the 20st of April 1973, Sudanese Citizen)

Department of Mathematics, Faculty of Applied & industrial Sciences, University of Bahri

P.O. Box 1660 Khartoum 11111

Sudan Cell-phone: +249 903030003
Saudi Cell-phone: +966535651604

Email: Abakerh@gmail.com

Education
 2006: PhD (Applied Mathematics), Neelain University, Sudan.

 2000: Master of Applied Mathematics , *Sudan University of Science and Technology, Sudan.*

 1996: BSc(Honours) degree in Mathematics , *Sudan University of Science and Technology, Sudan.*

Academic positions
- **Sept 2011 to date: Assistant Professor of Mathematics,** Department of Mathematics, Faculty of Science, Northern Border University.
- **Oct 2009 to Aug 2011: Assistant Professor of Mathematics,** Department of Mathematics, Faculty of Applied & industrial Sciences, University of Bahri.
- **Feb 2007 to July 2009: Assistant Professor of Mathematics,** Department of Mathematics, Faculty of Applied & industrial Sciences, University of Juba.

- **June 2000 to Apr 2006: Lecturer of Mathematics,** Department of Mathematics, Faculty of Applied & industrial Sciences, University of Juba.

- **May1996 to Apr 1999: Teaching Assistant** , Department of Mathematics, Faculty of Applied & industrial Sciences, University of Juba

Managerial positions

- **Nov 2009 to Aug 2011:Head of the Department of Mathematic,** Faculty of Applied & industrial Sciences, University of Bahri.
- **Mar 2008 to Nov 2009: Head of the Department of Mathematic,** Faculty of Applied & industrial Sciences, University of Juba.

Job description:

My job entails, in general, the good running of the Department of mathematics. Particularly, monitoring undergraduate and postgraduate programs execution, plan staff training, leading curriculum reform and new programs development, representing the Department at various Faculty Boards and participate significantly (together with the Dean, Deputy Dean and other head of departments) in the good running of the Faculty of Mathematical Sciences of the University of Khartoum.

jobs (and part-time)

- **Oct 2009 to Aug 2011: Assistant Professor of Mathematics,** Department of Mathematics, Faculty of Sciences & Technology, Neelain University, Sudan.
- **Aug 2000 to Apr 2006: Lecturer of** Mathematics, Department of Mathematics, Faculty of Sciences & Technology, Neelain University, Sudan.
- **Aug 2000 to Apr 2006: Lecturer of Mathematics**, Department of Mathematics, Faculty of Sciences, International University of Africa, Sudan.

- **JUly1996 to Apr 1999: Teaching Assistant** , Department of Mathematics, Faculty of Sciences & Technology, Neelain University, Sudan.

- **JUly1996 to Apr 1999: Teaching Assistant** , Department of Mathematics, Faculty of Sciences, International University of Africa, Sudan.

Publications

[1] Abaker A. Hassaballa. New families of solutions for the space-time fractional Burger's equations. Journal of Science and arts.No. 4(57), pp.919-934.

[2] Abaker A. Hassaballa. Conformable fractional isothermal gas spheres. Elsevier New Astronomy. (84), (2020) (101511)

[3] Abaker A. Hassaballa. The G'/G2-expansion method for solving fractional Burgers - Fisher and Burgers Equations. Applied and computational mathematics vol .9 (3), (2020) pp. 56-63

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[5] Abaker A. Hassaballa and Tarig M. Elzaki, Applications of the improved G'/G expansion method for solve Burgers-Fisher equation, journal of computational and theoretical nanoscience ,vol. 14, 4664–4668, 2017.

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[8] Abaker A. Hassaballa. Solution of the linear and non-linear partial differential equations using Homotopy perturbation method, American journal of engineering research (AJER), ISSN: 2320-0847 p-ISSN : 2320-0936,(2015).

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[10] Abaker A. Hassaballa, Applications On Optimal Consumption and portfolio, ICASTOR journal of mathematical Sciences, Vol. 6, No. 2 (2012) 189 – 206.

[11] Mohamed Hendy Mahdy, Magdy Metwaly Amin, Abaker Abdalla Hassaballa. , Precalculus for the Preparatory year students, Al Mutanabbi Bookshop ,(2015).

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