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**AGBOOLA, Adesina Abdul Akeem**

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Department: Mathematics  
Academic Rank: Reader  
Current position: Head of Department  
Research Interest:



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## **DETAILED RESUME**

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### **ACADEMIC DEGREES WITH DATE**

Ph.D Mathematics, University of Agriculture, Abeokuta	2002
M.Sc Mathematics, University of Lagos	1992
B.Sc. Mathematics, University of Lagos	1990

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### **INSTITUTIONS ATTENDED WITH DATE**

University of Agriculture, Abeokuta	1999 – 2002
University of Lagos	1991 – 1992
University of Lagos	1986 – 1990
Salawu Abiola Comprehensive High School, Osiele, Abeokuta	1980 – 1985

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### **MEMBERSHIP OF PROFESSIONAL BODIES**

- \* Nigerian Mathematical Society
  - \* Nigerian Mathematical Association
  - \* Science Association of Nigeria
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### **PRIZES, HONOURS, NATIONAL AND INTERNATIONAL RECOGNITIONS.**

- Best student in Mathematics (WASC, 1985), Salawu Abiola Comprehensive High School, Abeokuta.
  - Best student in Additional Mathematics (WASC, 1985), Salawu Abiola Comprehensive High School, Abeokuta
  - Best student in Physics (WASC, 1985), Salawu Abiola Comprehensive High School, Abeokuta.
  - Chief M.K.O. Abiola Scholarship for the best 1985 WASC Result at Salawu Abiola Comprehensive High School, Abeokuta.
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### **COURSES TAUGHT**

#### **Student Supervision**

1. Major supervisor (1) Postgraduate (Ph.D)
  2. Minor Supervisor (3) Postgraduate (Ph.D)
  3. Major Supervisor (6) Postgraduate (M.Sc)
  4. Minor Supervisor (6) Postgraduate (M.Sc.)
  5. Major Supervisor more than 30 undergraduate
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### **RESEARCH CONDUCTED**

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## PUBLICATIONS

### (i) Thesis and Dissertation

- a. Agboola, A.A.A., Exact Solutions of Fluid Dynamics: A case study of Round Laminar Jet. [M.Sc, Thesis submitted to the school of Postgraduate studies, University of Lagos 1992]
- b. Agboola, A.A.A. Fuzzification of Algebraic Structures. [Ph.D Thesis submitted to the School of Postgraduate Studies, University of Agriculture, Abeokuta 2002]

### (ii) Books/Monographs and Chapters in Books

- a. E. O. Adeleke, E. S. Babadipe, J. A. Oguntuase, Agboola, A.A.A., S. A. Akinleye, O. Talabi and A.R.T. Solarin, Introduction to University of Mathematics, ISBN 978-34914-3-1, Belzeel Publishers, Lagos, Nigeria, 1999.

### (iii) In Learned Journals

1. **Agboola, A.A.A.** (1999), Matrix Inversion by Partitioning Algorithm. *Int. J. Math. Sc* 1, 69 – 76.
2. Adeniran, O. J., Adeleke, E. O., **Agboola, A.A.A.**, Oguntuase, J. A. and Solarin, A.R.T. (2000). On Quadratic Loops of Bol-Monfang Type. *Kragujevac J. Math.* 22, 41 - 48
3. **Agboola, A.A.A.** and Solarin, A.R.T. (2002), Some properties of Vague Groups. *Proc. Jangeon Math. Soc.* 4, 37 – 50
4. **Agboola, A. A. A.** and Solarin, A.R.T. (2002), On Vague subgroups. *Proc. Jangeon Math. Soc.* 4, 51 - 57
5. **Agboola, A.A.A.** (2002), Fuzzy Solvable Algebras. *Proc. Jangeon Math. Soc.* 4, 59 – 70
6. **Agboola, A.A.A.** (2002), Basic Properties of Smooth Groups. *Proc. Jangeon Math. Soc.* 4, 71 – 80
7. **Agboola, A.A.A.** (2002), A Note on Fuzzy Functions, *Proc. Jangeon Math. Soc.* 4, 101 – 111
8. **Agboola, A.A.A.** (2002), On smooth Homomorphism of Smooth Groups. *Proc. Jangeon Math. Soc.* 4, 113 – 121
9. **Agboola, A.A.A.** (2002), On smooth subgroups. *Proc. Jangeon Math. Soc.* 4, 125 – 130
10. **Agboola, A.A.A.** (2002), On vague Homomorphism of Vague Groups. *Proc. Jangeon Math. Soc.* 5 47-59
11. **Agboola, A.A.A.** (2002), An Application of smooth Homomorphism Theorems, *Proc. Jangeon Math. Soc.*, 5, 61-65
12. **Agboola, A.A.A.** (2002), An application of Vague Homomorphism Theorems, *Proc. Jangeon Math. Soc.*, 5, 67 - 71
13. **Agboola, A.A.A.** (2002), A simple test for separability of an Ordinary Differential Equation ASSET, Series B 1(2), 185 - 186

14. **Agboola, A.A.A.** (2004), Certain properties of Generalized Groups. *Proc. Jangeon Math. Soc.* 7(2), 137 – 148.
15. **Agboola, A.A.A.** (2004), Smooth Generalized Subgroups and Homomorphism. *Advan. Stud. Contemp. Math.* 9(2), 183 – 193
16. **Agboola, A.A.A.** (2004), Smooth Generalized Groups. *J. Nig. Math. Soc.* 23, 65 - 76
17. \***Agboola A.A.A.** and Adeleke, E. O. (2005), Vague Generalized Groupslized Groups, *Proc. Jangeon Math. Soc.* 8 (2), 159 - 174
18. \*Vincent, O. R., Folorunso O., **Agboola, A.A.A.** (2006), A modified Algorithm for Transform – Based Image Compression. *J. Comp. Sc. Appl* 13 (1), 41 - 48
19. \***Agboola, A.A.A.** and Akinola, L. S. (2008), Some Notes on Fuzzy Subrings, *Proc. Jangeon Math. Soc.* 11 (1), 163 – 170
20. \*Adewara J.A., Adekeye K.S., Asiribo O.E. and **Agboola A.A.A.** (2009), Derivation of Control Limits based on Beta Distribution for Hotelling's T-Square Control Chart. *Journal of Engineering Research* 14 (2), 75-83

**iv. Papers in Refereed Conference Proceedings**

21. \* Mewomo O. T., Oguntuase, J. A., **Agboola, A.A.A.** (2005), On N-Weak Amenability of a Class of Banach Algebras. *Proc. Int. Conf. Math.* 100-103