

## CURRICULUM VITAE

### SECTION A: GENERAL INFORMATION

**Name:** Isere Abednego Orobosa  
**Nationality:** Nigerian  
**Current Postal Address:** Dept. of Mathematics and Statistics  
Faculty of Physical Sciences  
Ambrose Alli University, Ekpoma, 310001, Edo State.  
**Email:** isereao@aauekpoma.edu.ng ; [abednis@yahoo.co.uk](mailto:abednis@yahoo.co.uk),  
**Present Appointment:** Researching and Lecturing  
**Department:** Mathematics, A.A.U, Ekpoma.

### SECTION B: QUALIFICATIONS/WORKING EXPERIENCE

#### 1. ACADEMIC CERTIFICATIONS

Degree	Sessions/Effective Dates	Granting Bodies
Doctor of Philosophy (Ph.D) Mathematics (Algebra)	2012/2013/July 2, 2014	Federal University of Agriculture, Abeokuta
Master of Philosophy (M.Phil) Industrial Mathematics	2007/2008/March 2, 2011	University of Benin, Benin City
Masters of science (M.Sc.) (Pure Mathematics)	2003/2004/March 18, 2005	University of Benin, Benin City
Bachelors of Science (B.Sc) Second Class Lower Division (Applied Mathematics)	1995/96 – 1998/1999/ January 25, 2001	University of Benin, Benin City
	1993/94-1995/96/June 5, 1997	University of Benin, Benin City

## 2. TEACHING AND PROFESSIONAL EXPERIENCE

Employment/Organizations	Period	Position Held
Niger College, School III	1995	Tutor (Mathematics) (During My Teaching Practice)
Charles Commercial College Uzuakoli, Abia State	2000/2001	Tutor (Mathematics) (During My NYSC)
Department of Mathematics and Statistics, F.N.S., A.A.U., Ekpoma.	Dec. 2006 Till Date	Lecturer I
Graduate Foundation Program, National Mathematical Centre, Sheda, Abuja	March, 2014 February 9 - March 6, 2015.	Tutor (Linear Algebra) Resource Person (Abstract & Linear Algebra)

## 3. PUBLICATIONS WITH PUBLISHERS AND DATE

### (a). National Based Journals

- (i) **Isere, A.O** and Osemwenkhae J.E (2006) The Analogous Behaviour of a Dynamical System as Measure Space. Journal of Research in Physical Sciences Vol. 2, #3, 60 – 63.
- (ii) **Isere, A.O.** and Osemwenkhae J.E. (2007) Constructing an Automorphism with Discreet Spectrum. Journal of the Nigerian Association of Mathematical Physics, Vol. 11 491 – 496.
- (iii) Osemwenkhae J.E. and **Isere, A.O.** (2007) Generalized Biases in Non – Symmetric Univariate Kernels. Journal of The Nigerian Association of Mathematical Physics, Vol. 11 497 – 500.
- (iv) Osemwenkhae, J.E, **Isere A.O** and Okuonghae D.U. (2009). Endemicity of cholera in Nigeria: A Mathematical model to investigate its nature. Journal of Nigerian Association of Mathematical Physics, Vol. 14, 165-170.
- (v) **Isere, A.O.** Osemwenkhae J.E and Edokpa I.W. (2009). Detection of cholera outbreaks: A Statistical scheme for its detection. Journal of Nigerian Association of Mathematical Physics, Vol. 14, 171-176.
- (vi) **Isere, A.O.** Osemwenkhae J.E and Erimafa J.T. (2009). Investigation of the trend of cholera outbreaks in Nigeria using Exponentially Weighted Moving

Average control chart. The Journal of Engineering Science and Applications (JESA), Vol. 6, # 1 & 2, 51 – 58.

- (vii) Ikpotokin, O. Ozegin K.O. and **Iserere, A.O.** (2009) Generalized Linear Model; An Analysis of Repeated Measures Data on Birds Weights. Journal of Engineering Science and application (JESA), Vol. 6, # 1 & 2, 10 – 17.
- (viii) **Iserere, A.O.** and Osemwenkhae J.E (2010). VIBRIO CHOLERAEE IN NIGERIA: A Logistic Investigation of Its stability in its Habitat. Journal of Nigerian Annals of Natural Sciences. Vol. 10(1) pp 71 -76.
- (ix) **A. O. Iserere**, J.O. Adeniran and A.R.T. Solarin (2012) Some examples of finite Osborn Loops. Journal of the Nigerian Mathematical Society (JNMS) Vol.31, pp 91 – 106. *MR3025560 (Reviewed) 20N05.*
- (x) J.O. Adeniran and **A. O. Iserere**, (2012) Nuclear Automorphism of a class of Osborn Loops. Journal of the Nigerian Association of Mathematical Physics. Vol. 22 pp 5 – 8.

**(b). Foreign Based Journals**

- (xi) **Iserere, A.O.**, Osemwenkhae, J.E and Okuonghae D. (2014) Optimal control model for the outbreak of cholera in Nigeria. Afr. J. Math. Comput. Sci. Res. Vol. 7(2) pp. 24-30. *DOI: 10.5897/AJMCSR2013.0527.*
- (xii) **A. O. Iserere**, S A. Akinleye and J. O. Adeniran (2014) On Osborn Loops of Order 4n. Acta Universitatis Apulensis. No 37 pp. 31-44. *MR327043 20N05.*
- (xiii) **A.O. Iserere**, J.O. Adeniran and T.G. Jaiyeola (2015) Generalized Osborn Loops of Order 4n. Acta Universitatis Apulensis Maths. Inform. No. 43 pp. 19-31 *MR340387 20N05.*
- (xiv) **A.O. Iserere**, J.O. Adeniran and T.G. Jaiyeola (2015) Holomorphy of Osborn Loops. Analele Universitatii de Vest, Timisoara. Seria Matematica – Informatica. LIII , 2 81- 98. *DOI: 10.1515/awuttm -2015-0016.*
- (xv) **A. O. Iserere** (2016) Natural rhotrix. Cogent Mathematics, Taylor & Francis Group. Vol. 3(1), 1246074. *DOI: 10.1080/233311835.2016.1246074*

**4. ARTICLES ACCEPTED BUT NOT YET PUBLISHED WITH PUBLISHERS**

- (i) **A. O. Iserere**, J.O. Adeniran and T.G. Jaiyeola. Classification of Osborn loops of order 4n. Journal of Algebras, Groups and Geometries.

- (ii). **A. O. Isere**, J.O. Adeniran and A.A.A Agboola. Representation groups of finite Osborn loops JNMS vol. 36 (2017).

## **5. TEXTBOOKS PUBLISHED WITH PUBLISHERS AND DATE**

U. S. U. Aahikpelokhai, G. U. Agbeboh, J. E. Uzor, A. O. Elakhe and  
**A. O. Isere (2010)**. A First Course in Linear Algebra and Algebraic Structures.  
Pon Publishers Ltd.

## **6. DISSERTATIONS/THESES WITH DATE**

- (i). **A. O. Isere (2014)**. Construction and Classification of Finite Non-Universal Osborn Loops of Order  $4n$ . Ph.D thesis, Federal University of Agriculture, Abeokuta. (*Unpublished*).
- (ii). **A. O. Isere (2010)**. Statistical Epidemiology: A Case Study of the Endemicity of Cholera in Nigeria. M.Phil. thesis, University of Benin, Benin City, (*Unpublished*).
- (iii). **A. O. Isere (2005)**. Automorphisms With Discrete Spectrum. M.Sc. Dissertation, University of Benin, Benin City, (*Unpublished*).

## **7. ARTICLES SENT NOT YET PUBLISHED**

- (i). Rhotrices with Even Dimension. Submitted to the Journal of African Mathematical Union
- (ii) A note on classical and non-classical rhotrices. Submitted to Journal of Mathematical Association of Nigeria

## **8. ON – GOING RESEARCH WORK**

- (i) Curl of Osborn Loops.
- (ii) Osborn loops of order 16.
- (iii) Representation of Higher rhotrices with Even Dimension
- (iv) Rhotrix Quasigroups and Loops

### **SECTION C: RESPONSIBILITIES HELD WITH DATE**

- (i). Examination Officer, September, 2014 – August, 2016.
- (ii) Departmental Post Graduate Board Secretary, 2015 Till Date.
- (iii). Faculty of Natural Sciences Examination Malpractice Committee Member, 2015-2016
- (iv). Part-Time Coordinator, 2012/2013-2013/2014 and 2016/2017.

### **SECTION D: SOME CONFERENCES/WORKSHOPS/SEMINARS ATTENDED WITH PAPER DELIVERED AND DATE**

- (i) International Symposium on Current Research Trends in Mathematical Sciences and Applications Abuja, Nigeria: **17-20 May, 2016**. Paper Delivered: **“Rhotrices With Even Dimension”**
- (ii) Mile High Conference Denver, Colorado, USA: **August 11-17, 2013**. Paper Delivered: **“Representations of Finite Osborn Loops”**.
- (iii) 8<sup>th</sup> Pan- Africa Congress of Mathematicians, Abuja, Nigeria: **July 1-5, 2013**. Paper Delivered: **“Osborn Loops of Order 16”**.
- (iv) Nigerian Mathematical Society Conference, UNILAG: **June 23-26, 2015**. Paper Delivered: **Classifications of Osborn Loops of Order  $4n$** .
- (v) Nigerian Mathematical Society Conference, Minna: **May 3-6, 2016**. Paper Delivered: **“Natural Rhotrix”**.

### **SECTION E: AFILIATIONS WITH DATE**

- (i) Nigerian Mathematical Society (NMS): 2007 Till Date
- (ii) Mathematical Association of Nigeria (MAN) 2016
- (iii) American Mathematical Society (AMS) 2011 Till Date
- (iv) African Mathematical union (AMU): 2013 Till Date
- (v) African Academy of Sciences (AAS): 2016

## REFERENCES

- (i) **Prof. U.S.U. Aashikpelokhai**  
Department of Mathematics  
Faculty of Physical Sciences  
Ambrose Alli University, Ekpoma.
- (ii) **Prof. F. M. Okoro**  
H.O. D Mathematics  
Faculty of Physical Sciences  
Ambrose Alli University, Ekpoma.
- (iii) **Prof. O. J. Adeniran**  
Mathematics Programme  
National Mathematical Centre, Sheda, Abuja.  
Federal University of Agriculture, Abeokuta (Permanent Address).

**Signature** .....

**Date**.....