John Ogonji Agure

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EDUCATION

PhD in Pure Mathematics

RESEARCH EXPERIENCE

I have 33 years of teaching experience.

TEACHING EXPERIENCE

I have 36 years of teaching experience.

HONORS AND AWARDS

USSR and British Council Scholarships

PROFESSIONAL MEMBERSHIP

I am the current chair of MACKNET

SKILLS AND TRAINING

LEADERSHIP EXPERIENCE,

I have held the following positions:

- HOD, Mathematics Department
- Dean Faculty of Science
- Dean, School of Graduate Studies

CONFERENCES AND WORKSHOPS

- 2019 August Strathmore International Mathematics Conference, Strathmore University, Nairobi, Kenya, Completely Positive Maps

- 2019 Maseno University School of Mathematics Seminars, gave a series of talks on Completely Bounded and Completely Positive Maps

- 2018 August MARM Mathematics Workshop, Chancellor College, University of Malawi, Numerical Ranges on Elementary Operators

- 2017 July Strathmore International Mathematics Conference, Strathmore University, Nairobi, Kenya, Completely Bounded Maps

- 2015 July Facilitated Preconference School, Completely Positive and Completely Bounded Maps, Also presented a paper at SIMC at Strathmore University, Kenya

- 2014 August 23 Moi University 10th International Conference; Key Note Address, Mathematization of Sciences for Development, Also presented a mathematics paper with the title, Finite Operators

- 2013 July Strathmore 2nd International Mathematics Conference, Paper presented : Numerical Range and Norms of Derivations

- 2011 August International Mathematics Conference and Workshop for Pure Mathematics , Strathmore University, Title of the talk for the conference, Mathematics for the poor or the poor for Mathematics and title of the paper for the workshop, Finite Operators and Numerical Ranges

- 2010 April Mathematics Seminar at Maseno University, hosted by MACKNET, MARM and MATHEMATICS DEPARTMENT, MASENO UNIVERSITY and conducted by Prof David Mond of the Institute of Mathematics, University of Warwick and Dr. Balazs Szendroi of Oxford University, UK

- ICOTS 8, Incremental Modernisation of statistics Teaching and Curriculum at Maseno University, Kenya,D Stern, Omolo Ongati, J O Agure, B Ogange Ljubljana, Slovenis

- 2009 july Nile Basin University Forum, Munyonyo, Kampala 2009 Dec Nile Basin University Forum, Seacli , Dar, Tanzania

- 2006 December : East African Mathematics Conference in Nairobi, Kenya, Joint Paper with the title On Properties of Finite Products of Sigma Finite Measure Spaces, with F.O. Nyamwala, presented by Nyamwala.

- East African mathematics Conference 2006, in Nairobi Kenya, a paper with title A Hilbert Space Numerical Range.

- 2005 June : ILAS Conference in Canada, joint paper with the title Hilbert Space Numerical Range and The Spectrum, presented by Sadia Hassan at the University of Regina, Saskatchewan, Canada.

- 2001 April : Attended a Proposal writing workshop organized by IRPS of Maseno University at Maseno. Presented a joint paper with Prof. Omolo-Ongati titled Proposal Writing in Mathematics.

- A Hilbert Space Numerical Range, A>M>M>S>I> Conference in Nairobi 2006 December

- 2000 : Attended career improvement Workshop in Mathematics and Computer Science in Kenyan Universities, 28/2/2000 { 3/3/2000, University of Nairobi, Chiromo Campus.
- 2000 : Maseno University College departmental Seminar, presented a paper with title A Converse of Stampl

- 1998 : Presented a paper with the title, On the Convexity of Stampli's Numerical Ranges at Maseno University College joint seminar, Mathematics and Physics.

- 1996 : International Congress on Abstract Analysis organized by the University of Pretoria at Kruger national Park. Presented a paper titled Certain Properties of Norms of derivations.

- 1993 : Invited to International Congress on Abstract Analysis organized by the University of Pretoria at Kruger National Park, South Africa

- 1993 : Kenyatta university Graduation Seminer, presented a paper with the title On Numerical ranges and Norms of derivations.

- 1991 : University of Birmingham, School of Mathematics and Statistics seminar, gave a talk on Numerical ranges, Title of the talk was Alternative proof to the Toeplitz { Hausdorf theorem.

- 1990 : Midland's Mathematical Society commemorating Prof. Kuttner's

distinguished fifty years of service to Birmingham University

SOME PUBLICATIONS

1. J.O. Agure, Certain Properties of Norms of Derivations. Far East. J. Math. Sci. 5 (1) 1997. 29 { 39.

2. J.O. Agure, On the Convexity of Stamp i's Numerical Range, Bull. of Aust. Math. Soc. Volume 53, Number 1. 1996.

3. J.O. Agure, Alternative Proof to the Toeplitz { Hausdor Theorem. Bull. Cal. Math. Soc. 88 ; 269 { 278 (1996).

4. J. K. Mile, G. K. R. Rao, J. O. Agure, Study of Non-Normal Operators In a Complex Hilbert Space, Journal of Mathematical Sciences, Vol. 19, No. 2 (2008), 153 { 161

5. J. Mile, G. K. R. Rao, J. O. Agure Some Examples of Non-Normal Operators in a Hilbert Space, Journal Agri.. Pure and Appl. Sciences ISSN 2073-8749, 2009

6. J O Bonyo, J O Agure, Norm of a Derivation and Hypernormal Operators, Int. Jour. Math. Ana. Vol. 4, 2010, no. 14, Pg 687 -693.

7. D. Stern, Omolo-Ongati, J O Agure,B. Ogange, Incremental modernisation of Statistics teaching and curriculum at Maseno University, Kenya, ICOTS-8

8. J O Bonyo, J O Agure, Norms of Derivations Implemented by S-Universal Operators, Int. Jour. Math. Anal., Vol. 5, 2011, pp 215 - 222

9. D O Adicka, J O Bonyo, J O Agure,Generalized Numerical Radii inequalities for Hilbert Space Operators, International Mathematics Forum, Vol. 6, 2011, No. 7, 333 - 338

10. N B Okelo, J O Agure, D O Ambogo, Norms of Elementary Operators and Characterization of Norm-Attainable Operators, Int. Journ. Of Math. Anal. Vol. 4 No. 24, 1197 -1204

11. J O Bonyo, J O Agure, Numerical Radii Inequalities for Hilbert Space Operatiors, International Mathematics Forum,

12. J O Agure, D O Ambogo, F O Nyamwala, De ciency Indices and Spectrum of Fourth Di erence Equations with unbounded Coe cients, Mathematische Nachrichten Vol. 296, No 4, Pg 323 { 339 (2013)

13. N B Okelo, J O Agure, Various Notions of Orthogonality in Normed Spaces, Acta Math Scientia, Vol. 33, 2013

14. D. K. Njue, F. O. Nyamwala, J O Agure, On the Norm of Elementary Operators, Advances in Pure Mathematics, Vol. 4, pg 309 { 316, 2014

15. F M Runji, J O Agure, F O Nyamwala, On the Numerical Range of Elementary Operators, Journal of Pure and Applied Mathematics, Vol 112, 2017

16. F M Runji, J O Agure, F O Nyamawala, On the Numerical Range of Generalized Derivation, Inter. Math. Forum, Vol. 12, 2017

Full CV Format

. L N Muhati, J O Agure, J O Bonyo, Some Properties of the Essential Numerical Range On Banach Spaces, Pure Mathematical Sciences, Vol. 6

18. B A Odero, J O Agure, F O Nyamwala, On Numerical Range of Multiplication Operator, Int. Journ. of Math Analysis. Vol. 13, 2019