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|  | C:\Users\ROBERT\Pictures\2018-04-20 aa\aa 002.jpg  Rm 310 Dept. Of Mathematics UNN(Prof. J.O.C. Ezilo Building)  Nsukka  Enugu  08065751038  Stephen.aniaku@unn.edu.ng | Dr. Aniaku Stephen E.  Senior Lecturer  **About Me**  I am from Aku in Igbo Etiti Local Government Area of Enugu state. I am married with six children. I am currently a Senior Lecturer in the Department of Mathematics, University of Nigeria Nsukka, Nigeria. |
|  | **Objective**  To reach the highest academic level and impact good knowledge to those following me especially my students. | **Experience**   |  |  |  | | --- | --- | --- | | 1999-date | 1981-1986 | 1986-1998 | | University of Nigeria,Nsukka. | Anambra state educational board. | Enugu state educational board. | | **I have been lecturing students of all levels. I have also been carrying out academic researches.** | **I thought in many secondary schools in the state.** | **I thought in many secondary schools in the state.** |   **Education**   |  |  | | --- | --- | | 2006-2012 | Rivers State University of Science and Technology, Port Harcourt |   **Ph.D. in Mathematics**  **Ph.D. Project:**  **Stablizability of Systems with Perturbations.**   |  |  | | --- | --- | | 1997-1998 | University of Nigeria,Nsukka, Nigeria |   **M.Sc. in Mathematics**  **M.Sc. Project:**  Some existence results for differential equations via lower and upper solution technique.  1983-1986 University of Nigeria,Nsukka  **B.Sc. in Mathematics**  **Publications:**   1. **[Stabilization for system with non-linear perturbation](https://search.proquest.com/openview/f735f11d1a5125e731720bc2b1c613dc/1?pq-origsite=gscholar&cbl=55122)** 2. **Complete-controllability for linear control systems.** 3. [**Relationships between controllable and observable matrices which ensure controllable system to be observable.**](https://www.ajol.info/index.php/jonamp/article/view/91335) 4. **A mathematical model of Oxygen Diffusion into the Blood stream.** 5. **A mathematical model on the Air Inflow into the Lung.** 6. **Stabilizability for non-linear systems that admit some Lyapunov-like functions.** 7. [**Lyapunov-like functions, a condition for stabilizability of non-linear system.**](javascript:void(0)) 8. **[Necessary condition for complete controllability of non-linear control systems to be stable under small perturbations.](https://pdfs.semanticscholar.org/8c4a/b49522bcde33ea5d2d3e3e61e75564cb6a6d.pdf)** 9. [**Necessary condition for controllable systems to be observable.**](javascript:void(0)) 10. **[Null-controllability and uniqueness of optimal trajectory for controllable systems.](https://www.researchgate.net/profile/Prebo_Jackreece/publication/318591934_Null-Controllability_and_Uniqueness_of_Optimal_Trajectory_for_Controllable_Systems/links/597a7e5b0f7e9b0469be1f2f/Null-Controllability-and-Uniqueness-of-Optimal-Trajectory-for-Controllable-Systems.pdf)** 11. **[Linear feedback and observable systems and stabilizability](https://www.researchgate.net/profile/Prebo_Jackreece/publication/318590763_Linear_Feedback_Observable_Systems_and_Stabilizability/links/597a7e9ba6fdcc61bb1232cc/Linear-Feedback-Observable-Systems-and-Stabilizability.pdf)** 12. **[A necessary and sufficient condition for linear systems to be observable](https://www.researchgate.net/profile/Prebo_Jackreece/publication/322959517_A_Necessary_and_Sufficient_Condition_for_Linear_Systems_to_Be_Observable/links/5a79bde3aca2722e4df4ce29/A-Necessary-and-Sufficient-Condition-for-Linear-Systems-to-Be-Observable.pdf)** 13. **Review of controllability results of dynamical systems.** 14. **Exponential stabilizability and Robustness of control systems** 15. **Characteristics of proper functions on** 16. **Roles of reachable sets in** 17. **Mathematical model on DNA mutation and** 18. **DNA mutation and Tumor Formation II** 19. **Stability result of non-linear** 20. **[Null controllability for](http://www.ripublication.com/gjpam18/gjpamv14n3_07.pdf)** 21. **Stability results of non-linear** 22. **[Finite time stability of linear fractional](https://www.sciencepubco.com/index.php/ijamr/article/view/9167)** 23. **Asymptotic stability of non-linear** |
|  | **Skills**  The knowledge obtained from the college of education (A.I.C.E. Owerri) helped me to acquire good teaching skills. |