

## **Professor John C. Amazigo**

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### **Education:**

B.S. (1964) Rensselaer Polytechnic Institute  
Ph.D. (1970) Applied Mathematics, Harvard University

### **Academic Career:**

September 2008: Dean of Physical Science at the University of Nigeria, Nsukka, Nigeria

### **Book Published:**

Amazigo, John C. and Rubinfeld, Lester A., **Advanced calculus and its applications to the engineering and physical sciences**, John Wiley & Sons, Inc, New York, 1980, ISBN: 0-471-04934-4 (407 pages),

### **Some of his papers:**

Budiansky, B.; Fleck, N. A.; Amazigo, J. C. On kink-band propagation in fiber composites. *J. Mech. Phys. Solids* 46 (1998), no. 9, 1637--1653.

Amazigo, J. C.; Oyesanya, M. O. Secondary bifurcation and imperfection sensitivity of columns on nonlinear foundations. *J. Nigerian Math. Soc.* 5 (1986), 47--62 (1989).

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J. C. Amazigo (Rensselaer Polytechnic Institute, Troy, New York, USA) and W. B. Fraser (The University of Sydney, Sydney, NSW, Australia), "Buckling under external pressure of cylindrical shells with dimple shaped initial imperfections", *International Journal of Solids and Structures*, Vol. 7, No. 8, August 1971, pp. 883-900, doi:10.1016/0020-7683(71)90070-9

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