

JOHN OKYERE ATTIA , PhD, PE

EDUCATION

University of Houston, Texas, Electrical Engineering, PhD, 1984
University of Toronto, Canada, Electrical Engineering, MS., 1978
University of Science and Technology, Ghana, Electrical Engineering, BSEE, 1974

APPOINTMENTS:

Professor and Head, Department of Electrical Engineering, Prairie View A&M University, Prairie View, TX, 1997-present.

Associate Director, Center of Applied Radiation Research, Prairie View A&M University, Prairie View, TX, 1995-2000.

PUBLICATIONS

Selected Publications (one book chapter, over 55 publications, and 13 technical reports)

J.O. Attia, “*Electronic Data Analysis Using PSPICE and MATLAB.*”, book chapter, pp. 124-1 to 124-15, of the Engineering Handbook, published by CRC Press, 2004. ISBN: 0-8493-1586-7.

J. Liu, R.D. Schrimpf, L. Massengill, K.F. Galloway and J. Attia, “SEB Circuit Level Model in N-channel Power MOSFETs” Radecs, 1999

Pizano, J.E., Ma, T.H., Attia, J.O., Schrimpf, R.D, Galloway, K.F. and A.F. Witulski “Total Dose Effects on Power MOSFETS switching Converters,” Microelectronics Reliability, Vol. 38, pp. 1935 – 1939, 1998

J.O. Attia, M.A. Mazid, D. Zhang and M.D. Kankam, “Radiation Effects on DC-DC Converters,” 34th Intersociety Energy Conversion Engineering Conference, August 1999.

Other Publications: Books

J.O. Attia, *Electronics and Circuit Analysis Using MATLAB*, 2nd Edition, CRC Press, 2004. ISBN: 0-8493-1892-0.

J.O. Attia, *PSPICE and MATLAB for Electronics: An Integrated Approach*, CRC Press, 2002. ISBN: 0-8493-1263-9.

FUNDED GRANTS

13 funded grants (1985 to present). Funding agencies are NSF, NASA, DOED, State of Texas (THECB)

THESIS AND DISSERTATION MENTORING

16 MS Thesis/Project Supervised to Completion
1 PhD Student Dissertation Co-supervised to Completion

PROFESSIONAL ORGANIZATIONS, ACTIVITIES AND AWARDS

Registered Professional Engineer (Texas #66109)
Senior Member, Institute of Electrical and Electronic Engineers
Member of American Society of Engineering Education
ABET Evaluator for Electrical Engineering programs (2002 to present)
External Evaluator of University of Science and Technology, Ghana, (2003 to present)
Excellence in Teaching Award (1984, 1990)

HONOR SOCIETIES

Sigma Xi, Tau Beta Pi, Eta Kappa Nu, Phi Kappa Phi