

Distinguished Researcher

Project Title

Powerful technique for modeling the Nonlinearities encountered in analogue electronic circuits and systems

University: King Fahad University



Researcher:

Prof Muhammad Abuelma'atti

Nationality: Saudi Arabia

Abstract

Muhammad Taher Abuelma'atti was born in Cairo, Egypt, in 1942. He received the B.Sc. degree in 1963 from the University of Cairo, Cairo, Egypt and the Ph.D. degree in 1979 from the University of Bradford, Bradford, England, both in Electrical Engineering. For his contributions to the advancement of science in the area of communication electronics, Dr. Abuelma'atti received the Degree of Doctor of Science in 1999 from the University of Bradford, Bradford, England.

Dr. Abuelma'atti served as a teaching assistant and professor at the Military Technical College in Cairo, Egypt, the College of Engineering, University of Riyadh, Riyadh, Saudi Arabia, the Faculty of Engineering, University of Khartoum, Khartoum, Sudan, the College of Engineering, King Saud University, Riyadh, Saudi Arabia, the College of Engineering, University of Bahrain, Bahrain, and the College of Engineering Sciences, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia where he is currently a Full Professor.

Dr. Abuelma'atti is the recipient of the 1994/1995 Excellence in Teaching Award and the 1995/1996 Excellence in Research Award. Both from King Fahd University of Petroleum and Minerals, Saudi Arabia. In 1998, he received Maxim Integrated Products Prize, and in 2000/2001 he received the Excellence in Research Award with Distinction from King Fahd University of Petroleum and Minerals. In 2004 he received the College of Engineering Sciences Research Award, College of Engineering and Applied Science, King Fahd University of Petroleum and Minerals.

Dr. Abuelma'atti is a contributor to Encyclopedia of RF and Microwave Engineering, Kai Chang, Editor, (New York: John Wiley, 2005), Survey of Instrumentation and Measurement, S. A. Dyer, Editor, (New York: John Wiley, 2001), The Encyclopedia of Electrical and Electronic Engineering, J. G. Webster, Editor, (New York: John Wiley, 1999), and Selected Papers on Analog Fiber-Optic Links, E.I. Ackerman, C.H. Cox III and N.A. Riza, Editors, SPIE Milestone Series, (Washington: SPIE Optical Engineering Press, 1998).

Dr. Abuelma'atti research interests include problems related to analysis and design of nonlinear electronic circuits and systems, analog integrated circuits and active networks design. He is the author or co-author of over 435 journal articles and 125 technical presentations.