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Biography

Sami C. Elmurr is an Associate professor of Electrical and Computer and Communications Engineering at Notre Dame University. He received his B.S, MS and PhD degrees from Mississippi State University in 1979, 1982, and 1986 respectively. From 1979-1985 he served as an instructor, teaching laboratories and courses in electrical engineering at MSU. In 1985, he joined the University of Hartford in Hartford, Connecticut as an assistant professor of electrical engineering. He was involved in teaching undergraduate courses in electrical engineering and conducting research in Trellis coding and Modulation, Digital Filters, and Spectral Estimation Techniques in Nuclear Spectroscopy. In 1997, he joined NDU as an assistant professor where he helped in developing the newly established Engineering program. Dr. Elmurr's Research interests include Trellis- Modulation and Coding, and Digital Signal processing applications in nuclear spectroscopy.

Peer-reviewed Conference Proceedings

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Books

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Specialized Reports

- H.M. Shertukde, S.C. Elmurr, & L.F. Godbout, "Digital Filter applications in Nuclear Spectroscopy", report submitted to the Engineering Applications Center, College of Engineering, University of Hartford.
- S.C. Elmurr, "Digital Signal Processing Applications in Nuclear Spectroscopy", report submitted to the Engineering Applications Center, College of Engineering, University of Hartford.

Esteemed indicators

- Co-Investigator: Applications of Digital Signal Processing to Nuclear Spectroscopy - $24,420, funded by Canberra Industries, Inc., Meriden. CT. Jan 1, 1990 - Aug 31, 1990
- Co-Investigator: Intermediate Proposal – Phase II, ($20,000), funded by Canberra Industries, Inc. Dec 1, 1990 – May 31, 1993
- Co-Investigator: Grant application to Department of Higher Education, State of Connecticut for $134,071 to conduct research on "Real-Time" Implementation of digital Signal Processor for Nuclear Spectroscopy". June 30, 1991 – May 31, 1993