

Constantin Virgil NEGOITA (1936)



- ☒ Professor Emeritus since 2009, Professor 1983-2009
Department of Computer Science, Hunter College City University, New York, USA
- ☒ Head of Research Lab, Models for Management Information Systems 1972-1982, Institute of Management and Computer Science, Bucharest, Romania
- ☒ Associate Professor 1971-1981, Systems Theory and Cybernetics, Academy of Economic Studies, Bucharest, Romania
- ☒ Over 15 years Editor and Founder with L.A. Zadeh and H.J. Zimmermann of **“Fuzzy Sets and Systems”**, first fuzzy sets and systems journal, Elsevier, 1978
- ☒ Author with D. Ralescu of the first textbook on fuzzy sets and systems, **“Application of Fuzzy Sets to Systems Analysis”**, published worldwide in English (1975, John Wiley, Halstead, Birkhauser) and in Japanese (1978, with K. Asai)
- ☒ Author of the first book on fuzzy system **application to artificial intelligence**, **“Expert Systems and Fuzzy Systems”**, Benjamin/Cummings 1985
- ☒ Author of one of the early books on **“Management Applications of System Theory”**, Birkhauser 1979 (translated in Russian 1982)
- ☒ Author with D. Ralescu of an innovative book on fuzzy system statistics **“Simulation, Knowledge Based Computing and Fuzzy Statistics”**, Van Nostrand, 1987
- ☒ Introduced with D. Ralescu **“The Representation Theorem for Fuzzy Objects”**, a fundamental result in fuzzy set and fuzzy system theory, Kybernetes, 1975
- ☒ Introduced a new concept in system theory, **“Pullback” (rather than “feedback”)**, and applied it to fuzzy systems, **expert systems, human system management**, 1980-1985
- ☒ Introduced with M. Kelemen **“The Fuzzy Internal Model Principle”** for fuzzy system control, extending Wonham’s result who called this an interesting progress in 1979
- ☒ Introduced recently (2013) a postmodern fuzzy set and fuzzy system theory for artificial intelligence, **complex system modeling**, behavioral economics and finance applied Systems.
- ☒ Appointed Fellow, International Fuzzy System Association (IFSA), 2015;
Doctor Honoris Causa, University of Pitesti, Romania, 2000;
IEEE Award for New Technical Concepts, 1985;
Director, North American Fuzzy Information Society, 1984;
Senior Member, IEEE, 1983; Member, New York Academy of Sciences, 1983;
Member Society of General System Research (today ISSS), 1978.
- ☒ Editorial Board Member: Kybernetes, 1976; Human Systems Management, 1979; Systems Research and Information Science, 1985; Studies in Informatics and Control, 1995; Economic Computation and Economic Cybernetics Studies and Research, 2006; Int. J. Advanced Intelligence Paradigms, 2008.