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David J. Nagel graduated (magna cum laude) from the University of Notre Dame (B.S. in Engineering Science 1960), and performed graduate work at the University of Maryland (M.S. in Physics 1969, and Ph.D. in Engineering Materials 1977). During active duty with the Navy, he was Navigator aboard the USS ARNEB on OPERATION DEEPFREEZE (1960-2), and then served as a Technical Liaison Officer at the Naval Research Laboratory (NRL) (1962-4). After joining the civilian staff of the NRL in 1964, he held positions of increasing responsibility as a Research Physicist, Section Head, Branch Head and, finally, Superintendent of the Condensed Matter and Radiation Sciences Division. In the last position, he was a member of the Senior Executive Service, and managed the experimental and theoretical research and development efforts of 150 government and contractor personnel. At the NRL, Dr. Nagel's research interests centered on radiation physics, especially x-ray spectroscopy, and on materials sciences, with applications to materials analysis, plasma diagnostics, integrated circuit production, environmental studies, "cold fusion", and MicroElectroMechanical Systems (MEMS). He has written or co-authored over 150 technical articles, reports, book chapters and encyclopedia articles. He is lead-author of a patent on x-ray lithography, which formed the basis of a 100-person startup company in Rochester NY. After serving as Commanding Officer of three Reserve units and the national Technology Mobilization Program, Dr. Nagel retired as a Captain in the United States Naval Reserve in 1990. He left Government Service, and became a Research Professor in the School of Engineering and Applied Science of The George Washington University, in 1998. He is now working on the development and applications of MEMS and microsystems for the military and other sectors, with special attention to radio-frequency and acoustic systems.