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Dr. Ruehli joined IBM at the Zürich Research Laboratory in 1958, where he worked on thin magnetic film memories. In 1963 he transferred to the Research Center to work in the area of semiconductor circuits and devices. He moved to IBM Burlington in 1966. where he was associated with the mathematical and engineering analysis group at the Components Division Laboratory. Since 1971 he has been a Research Staff Member in the Circuit and Computer Design Automation Group developing new techniques for analysis of the electrical parameters of computer hardware technologies. He received his Telecommunication Engineering degree in 1963 from Abend Technicum Zürich. In 1972 he received his Ph.D. in Electrical Engineering from the University of Vermont. Dr. Ruehli is a member of the IEEE.

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Since joining IBM in 1967 Dr. Ziegler has pursued research interests in semiconductor metal alloys, germanium transistor technology, nuclear channeling studies of impurities in semiconductors, and high-energy ion-implantation of impurities in semiconductors. Previously, he was a Research Staff Member in the Electron Accelerator Laboratory at Yale University, where he worked on the quantum-mechanical relativistic theory of inelastic scattering of electrons from nuclei. He received the B.S. in Industrial Engineering in 1957, the M.S. in Physics in 1965 and the Ph.D. in Physics in 1967, all from Yale. Dr. Ziegler is the author of the book, *Inelastic Electron Scattering from Nuclei.*

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