Contributors

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From 1958 to 1959 he was an Assistant at the University in Vienna, and from 1959 to 1964 an Assistant at the Technische Hochschule, Vienna, teaching fundamentals of electrical engineering. In 1964 he joined the technical staff of Bell Telephone Laboratories, Inc., Murray Hill, N. J., as a member of the Microwave Integrated Device Department. He worked on varactor diodes, parametric and transistor amplifiers, and on the characterization of quarter-wave directional couplers and transmission lines in inhomogeneous media. He is presently engaged with the design of ferrite devices.

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Nikolai Eberhardt was born in Wesenberg, Esthonia, on July 2, 1930. He received the diploma in physics from the University of Munich, Germany, and the degree of Dr.rer.nat. from the Munich Institute of Technology, Munich, in 1957 and 1962, respectively.

From 1956 to 1962 he was with the Microwave Tube Department of the Siemens and Halske Labs., Munich, doing research work, especially in connection with ionic effects in electron beams. Since 1962 he has been a Research Associate Professor of electrical engineering at Lehigh University, Bethlehem, Pa. His main areas of interest are field theory and the theory of ferrite microwave devices.

Dr. Eberhardt is a member of Eta Kappa Nu.

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M. C. Horton (A'50–M'58) was born in Windsor, Ohio, on July 20, 1924. He received the B.S. and M.S. degrees in electrical engineering from the Ohio State University, Columbus, in 1947 and 1948, respectively.

From 1948 to 1949 he was employed at the Curtiss-Wright Airplane Division, Columbus, Ohio, where he was engaged in the development of aircraft antennas. He joined Capehart-Farnsworth in 1949, engaging in radar microwave circuit development. From 1951 to 1958 he was employed by the Goodyear Aircraft Corp., Akron, Ohio, in radome design and as Head of the Radar Systems Section at the Litchfield Park Laboratories. He conducted graduate studies at the University of California, Berkeley, from 1957 to 1960, while also conducting research in microwave plasma diagnostics at the Lawrence Radiation Laboratories. He joined the Research Laboratories Division of The Bendix Corp., Southfield, Mich., in 1960, and is presently Head of the Microwave Technology and Communications Department. He has been engaged recently in the application of modern network methods to microwave circuits, in latching circulator development, and in antenna synthesis techniques.

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William J. Ince, for a photograph and biography please see page 137 of the February, 1967, issue of this TRANSACTIONS.

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Ernest Stern, for a photograph and biography please see page 138 of the February, 1967, issue of this TRANSACTIONS.

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He has held the following academic appointments: From 1946 to 1949 he taught in the Department of Physics at the University of Shanghai; from 1957 to 1958 he was an Assistant Professor at the University of California, Berkeley; and from 1958 to 1959 he was an Associate Professor of Physics at Tunghai University, Taichung, Formosa. He was Chief Accountant at the University Textile Co., Ltd., Hong Kong, China, from 1950 to 1951, and affiliated with Bell Telephone Labs., Inc., Holmdel, N. J., from 1959 to 1966. Since 1966 he has been with Bellcomm, Inc., Washington, D. C.

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