Contributors

J. T. Bolljahn (A'43–SM'53) was born in Oakland, Calif., in 1918. He received the B.S. and Ph.D. degrees from the University of California in 1941 and 1950, respectively. From August, 1941, until January, 1946, he was employed by the Naval Research Laboratory in Washington, D. C. From February, 1946, until September, 1949, he was a member of the staff of the University of California Antenna Laboratory.

J. T. Bolljahn

Dr. Bolljahn joined the staff of the Stanford Research Institute in September, 1949, and his present position is manager of the Antenna Systems Laboratory.

He is a member of Sigma Xi, Tau Beta Pi and Eta Kappa Nu.

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E. H. Bradley (A'51–SM'55) was born on December 8, 1927, in Hampton, Va. He received the B.S. degree in electrical engineering, summa cum laude, from Duke University in 1949 and the M.S. degree in electrical engineering in 1950 from the Massachusetts Institute of Technology.

E. H. Bradley

Since 1950, Mr. Bradley has been employed by Melpar, Inc., of Falls Church, Va., in the development of missile guidance and submarine and aircraft detection systems. He is currently serving as section head in charge of the development of microwave components, receivers, and other electronic equipment.

He is a member of Phi Beta Kappa, Tau Beta Pi and Sigma Xi.

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E. K. Damon (S'50–A'52) was born in Concord, Mass., on January 3, 1928. He received his B.S. in physics in 1949 from Bowdoin College, and his M.S. in physics in 1954 from the Ohio State University. He has been with the Ohio State Research Foundation in Columbus, Ohio since 1950, and during that time has been engaged in the study of microwave filters, mixers, and ferrites.

E. K. Damon

Mr. Damon is an associate of the American Institute of Physics and Sigma Xi.

H. N. Dawirs (S'49–A'52) was born in Colorado, on July 10, 1920. He received his B.S. in electrical engineering in 1942 from Colorado State College of Agriculture and Mechanic Arts, and his M. S. in mathematics from Ohio State University in 1952.

H. N. Dawirs

From 1942 to 1946 Mr. Dawirs worked in the engineering departments of a number of Westinghouse plants. From 1946 until 1948 he worked in the research department of the Curtiss Wright Corp., Columbus plant; and since 1948 he has been with the Antenna Laboratory of the Ohio State University Research Foundation, in Columbus, Ohio.

He is a member of Pi Mu Epsilon.

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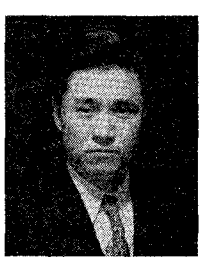
T. Honma was born in 1923 in Yamagataken, Japan. He graduated from Yamagata University in 1942 and served in the armed forces in the war.



T. Honma

After the war Mr. Honma worked at the research section of the Matsuda Research Laboratory, Tokyo Shibaura Electric Co., and has engaged in research connected with microwave measurement and microwave relay systems.

He is a member of the Institute of Electrical Communication Engineers of Japan.

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E. M. T. Jones (S'46–A'50) was born in Topeka, Kans., in 1924. He received the B.S. degree in Electrical Engineering from Swarthmore College in 1944 and the M.S. and Ph.D. degrees in Electrical Engineering from Stanford University in 1948 and 1950, respectively. Dr. Jones was a radar maintenance officer in the U. S. Navy from 1944 to 1946. From 1948 to 1950 he was a research associate at Stanford University, working on the Microwave Local Oscillator project. Dr. Jones joined the staff of Stanford Research Institute in 1950 where he is a senior research engineer in the microwave group of the Antenna Systems Laboratory.

E. M. T. Jones

He is a member of Sigma Tau.

For a photograph and biography of D. D. King, see p. 64 of the December, 1955 issue of Transactions of the PGMTT.

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R. L. Kyhl was born in Omaha, Neb., on July 27, 1917. He received the B.S. degree from the University of Chicago in 1937, and his Ph.D. in physics from M.I.T. in 1947. He has been associated with the M.I.T. Radiation Laboratory, Laboratory for Insulation Research, and Research Laboratory of Electronics, as well as the Stanford University Microwave Laboratory. He is now at the General Electric Research Laboratory.

R. L. Kyhl

He is a member of the American Physical Society and Sigma Xi.

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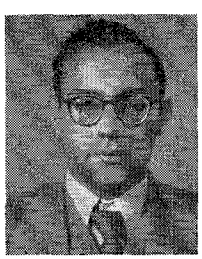
B. J. Leon (S'51–A'54) was graduated from the University of Texas in January, 1954 with a B.S. in Electrical Engineering. Since February, 1954 he has been a staff member of Lincoln Laboratory. Mr. Leon is at present on leave from Lincoln in order to carry on advanced study as a teaching assistant in the Electrical Engineering Department of M.I.T. Mr. Leon is a member of Tau Beta Pi, and Eta Kappa Nu.



B. J. Leon

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E. Maxwell was graduated from Columbia University with the B.S. in Electrical Engineering. He received the Ph.D. degree in physics from M.I.T. and worked in applied geophysics for four years with Shell Oil Co., Inc. In 1941, he joined the M.I.T. Radiation Laboratory where he worked on test equipment and K band development. From 1945 to 1948 he was a research associate in physics at M.I.T. in the field of microwave superconductivity. He was a physicist in low temperature research at the National Bureau of Standards from 1948 to 1953. Since 1953 he has been a staff member of Lincoln Laboratory.

E. Maxwell

Dr. Maxwell is a member of Sigma Xi, Tau Beta Pi and is a Fellow of the American Physical Society.

A. F. Pomeroy (A'42–SM'43) was born at Buffalo, N. Y. in 1905. He graduated from Brown University with a B.S. degree in Engineering in 1929, and joined the Bell Telephone Laboratories in the same year.

A. F. POMEROY

Mr. Pomeroy has developed various measuring sets and has investigated the properties of many types of transmission lines. Among the types of measuring equipment which he has developed are: phase, envelope-delay, attenuation, and return-loss measuring sets; power meters and current analyzers. He has studied the transmission properties of lines ranging from those used for voice frequencies to those used for microwave frequencies. His cooperation with manufacturers has led to the development of hollow, flexible waveguides and precision-drawn hollow, rigid waveguides with improved transmission qualities. He is working on ferrite structures in waveguides.

He was elected to Sigma Xi in 1929.

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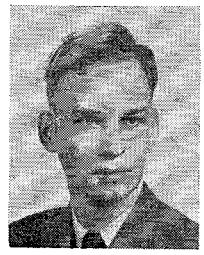
W. L. Pritchard (A'45–M'48–SM'52) received the B.E.E. degree from the City College of the City of New York in 1943, and did further graduate study at M.I.T. between 1948 and 1951. From 1943 to 1946 Mr. Pritchard was an engineer with the Philco Radio and Television Corp., where he was engaged first in development of airborne radar systems and later of home radios and phonographs. From there he joined the Raytheon Manufacturing Co. as senior engineer, where he was engaged in developing microwave relay systems from 1946–48, in charge of rf component design from 1948–49, section head of the Microwave and Antenna Section of the equipment Engineering Division from 1949–54. During this latter time he was responsible for all rf and antenna design on Raytheon's government and commercial radars, beacons, relay systems, and microwave cooking equipment. At present he is manager of the Microwave and Transmitter Branch.



W. L. PRITCHARD

Mr. Pritchard is Chairman of the RETMA Committee on Waveguides and Fittings.

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N. Sawazaki was born in Wakayama-ken, Japan, on April 16, 1913. He graduated from Waseda University in 1938, and received the Doctor of Engineering degree in 1952.

N. SAWAZAKI

During the war he designed and developed radio altimeter and radar equipment at the Research section of the Tokyo Shibaura Electric Co. After the war Dr. Sawazaki engaged in research connected with the microwave measurement and microwave relay system at the research section of the Matsuda Research Laboratory, Tokyo Shibaura Electric Co., Kawasaki, Japan. He presently is chief of the research section of communication of this laboratory.

Dr. Sawazaki is secretary of the Institute of Electrical Communication Engineers of Japan, and a member of the Institute of Electrical Engineers of Japan.

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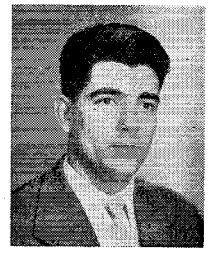
E. M. Suárez was born in Kingston, New York on November 8, 1929. He completed a two year course in Electrical Technology at the New York City Community College in 1950.



E. M. SUÁREZ

After graduation he was employed by the Pennsylvania Railroad until he joined the Army in 1951. He attended Officers' Candidate and Officers' Radar schools at Fort Monmouth, N. J. As radar officer he was sent to Fort Sill, Oklahoma, in charge of a radar countermortar platoon.

In 1953 he joined the Bell Telephone Laboratories and is engaged in the development of broadband microwave radio relay equipment.

Mr. Suárez is presently attending evening school at Newark College of Engineering, studying electrical engineering.