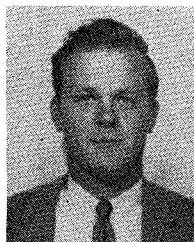


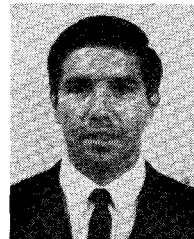
Contributors



David L. Bozarth (S'62-M'66) was born in Evansville, Ind., on April 2, 1940. He received the B.S.E.E. degree from Purdue University, Lafayette, Ind., in 1963, and the M.S.E.E. degree from the University of Southern California, Los Angeles, in 1965.

From 1963 to 1966 he worked for Hughes Aircraft Company on the development of solid-state transmitters for missile and space applications. From 1966 to 1968 he worked for ITT-Gilfillan on stripline and microstrip components for navigation and phased-array radars. Since 1968 he has worked on solid-state transmitters at Hughes Aircraft Company, Culver City, Calif.

Mr. Bozarth is a member of Eta Kappa Nu.



Joseph B. Castillo, Jr. (S'65-M'66) was born in Houston, Tex., on September 29, 1939. He received the B.A. degree in 1965, and the B.S. and M.S. degrees in electrical engineering in 1966 and 1968 respectively, from Rice University, Houston, Tex., where he is currently a candidate for the Ph.D. degree in the area of electromagnetic fields in ferrites.

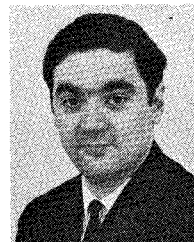
From 1957 to 1960 he was an Aviation Electronics Technician in the U. S. Navy. He has worked as a summer Intern at the NASA Manned Spacecraft Center in the Information Systems Division. He has also worked as a summer Research Assistant at Los Alamos Scientific Laboratory in the Meson Physics group linear accelerator facility.



Lionel E. Davis (SM'64) was born in Barking, Essex, England, on April 26, 1935. He received the B.Sc. degree in engineering from the University of Nottingham, England, in 1956, and the Ph.D. degree from the University College of the University of London in 1960.

From 1960 to 1964 he was with Mullard Research Laboratories, Systems Division, England, where he carried out research on nonreciprocal devices. In July, 1964, he became a member of the faculty of Rice University, Houston, Tex., where he is now an Associate Professor of Electrical Engineering. His research interests are concerned with nonreciprocal media and ferroelectrics.

Dr. Davis is a member of the Institution of Electrical Engineers (U.K.), Sigma Xi, Tau Beta Pi, and the American Association for the Advancement of Science.



Thespis P. Pantzaris was born in Nicosia, Cyprus, on December 17, 1944. He received the B.Sc. (Hons.) degree in electrical engineering in 1967 from the University of Leeds, Leeds, England, where he is now working for the Ph.D. degree in electrical engineering, concentrating on the topic of microwave constant-delay network synthesis.



Sean O. Scanlan (M'62-SM'66) was born in Dublin, Ireland, on September 20, 1937. He received the B.E. and M.E. degrees from the National University of Ireland at University College, Dublin, in 1959 and 1964, respectively, and the Ph.D. degree from the University of Leeds, Leeds, England, in 1966.

From 1959 to 1963 he worked at Mullard Research Laboratories, Redhill, Surrey, England, on problems in the network theory and microwave semiconductor areas. In 1963 he joined the Department of Electrical and Electronic Engineering, University of Leeds, where he is now Professor of Electronic Engineering. His research and teaching interests are in circuit theory and microwave solid-state devices.

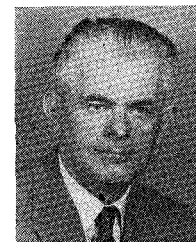
Dr. Scanlan is a member of the Institution of Electrical Engineers (U.K.), and an associate fellow of the Institute of Mathematics and Its Applications (U.K.).



Richard V. Snyder (S'58-M'63) was born in New York, N. Y., on December 14, 1939. He received the B.S.E.E. degree from Loyola University, Los Angeles, Calif., in 1961, and the M.S.E.E. degree from the University of Southern California in 1962; he also attended the University of California at Los Angeles. He has taken additional graduate work towards the Ph.D. at both UCLA and USC.

From 1962 to 1963 he was a research engineer at S and ID Division of North American. From 1963-1965 he was a microwave engineering consultant for the J. E. Hachten Company, Los Angeles. In 1965 he joined ITT Gilfillan in Los Angeles as a microwave component design specialist. From 1967 to 1968 he was a microwave filter development engineer with Telonic Engineering, Laguna Beach, Calif. Since 1968 he has been associated with Merrimac Research and Development, Inc., West Caldwell, N. J. He is presently responsible for the development of a variety of microwave and UHF devices, including filters, couplers, and phase comparators.

Mr. Snyder is a member of Eta Kappa Nu.



Frederick J. Tischer (SM'55-F'62) was born in Plan, Austria, on March 14, 1913. He received the M.S. and Ph.D. degrees in electrical engineering from the University of Prague, Prague, Czechoslovakia, in 1938.

His professional activities include teaching, research, research management, and consulting in Czechoslovakia, Germany, Sweden, and the United States. From 1956 to 1964 he was Associate Professor and Professor at Ohio State University, and the University of Alabama. Since 1964 he has been Professor of Electrical Engineering at North Carolina State University, Raleigh. His major work and publications have been in the fields of electromagnetics, microwaves, plasma dynamics, and optics. He has written more than 85 technical articles and is the author of *Microwave Measurements* (Springer, 1958) and *Basic Theory of Space Communications* (Van Nostrand, 1965). He also holds numerous patents in the above-mentioned fields.

Dr. Tischer is a member of the Optical Society of America and has held various offices in the IRE and IEEE.



William T. Weeks was born in Portchester, N. Y., on March 28, 1932. He received the B.A. degree from Williams College, Williamstown, Mass., in 1954, and the M.S. and Ph.D. degrees from the University of Michigan, Ann Arbor, in 1956 and 1960, respectively.

He joined the IBM Data Systems Division, Poughkeepsie, N. Y., in 1960. He is currently employed by the IBM Components Division, Poughkeepsie, as a Senior Engineer working in the area of memory development.

Dr. Weeks is a member of the American Physical Society and the Scientific Research Society of America.