

From 1954 to 1955 he was employed by the Air Research Organization, Inc., Tullahoma, Tenn., and from 1955 to 1956 he was a Teaching Assistant in electrical engineering at Stanford University. From 1956 to 1958 he was a Project Officer at the Rome Air Development Center, Griffiss AFB, Rome, N. Y., working in the Antenna Development Section. In 1958 he joined the staff of Stanford Research Institute, Menlo Park, Calif., where he worked on electronic scanning antennas, ECM antennas, and high-power waveguide filters. In February, 1962, he joined the staff of TRG-West, Menlo Park.

Dr. Sharp is a member of Tau Beta Pi.



Edward N. Skomal (SM'57) was born in Kansas City, Mo., on April 15, 1926. He received the B.A. degree and the M.A. degree from Rice University, Houston, Tex., in 1947, and 1949, respectively, both in physics.

His professional experience has included the study of electromagnetic and acoustic wave propagation and the development of

high frequency and microwave solid-state devices and assemblies. His past affiliations have been with the National Bureau of Standards, Washington, D. C., and the Sylvania Microwave Physics Laboratory, Palo Alto, Calif., in the capacity of Senior Project Leader. He is presently employed at Motorola Solid-State Systems Division as Manager, Applications Engineering.

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



G. L. Strine was born in Braymer, Mo., on March 3, 1932. He received the B.A. degree in physics from the State University of Iowa, Iowa City, in 1959.

While at the State University of Iowa, he took part in an IGY cosmic ray expedition into the arctic waters off the coast of Greenland. Since 1960 he has worked in the Millimeter Wave Research Group at the National Bureau of Standards, Boulder, Colo. While at NBS his duties have been primarily concerned with experiments involving applications of the microwave Fabry-Perot resonator.

Mr. Strine is a member of Phi Eta Sigma, Phi Beta Kappa, and the American Association of Physics Teachers.



Robert W. Zimmerer was born in Brooklyn, N. Y., on May 21, 1924. He received the B.S. degree in physics from Worcester Polytechnic Institute, Mass., in 1951, the M.S. degree in physics from New York University,

N. Y., in 1955, and the Ph.D. degree in physics from the University of Colorado, Boulder, in 1960.

In 1958 he came to the Boulder Laboratories of the National Bureau of Standards as a guest worker, while conducting his graduate work at the University of Colorado. He joined the staff as a supervisory physicist in the Radio Standards Laboratory Millimeter Wave Research Section in 1960. His work there has been principally in the field of microwave physics. In 1962 he was appointed Acting Chief of the Section.

Dr. Zimmerer is a member of the American Physical Society.

Announcement

MICROWAVE FIELD AND NETWORK TECHNIQUES

For the second year, the Polytechnic Institute of Brooklyn is offering a one week summer program, "Microwave Field and Network Techniques." The series of three hour lectures, to be presented throughout the week June 3-7, 1963, will emphasize basic physical concepts, and mathematical techniques, as well as application to specific problems. A set of lecture notes will be offered to all participants.

Topics to be covered in the lectures will include:

- Quasi-Optic Diffraction Theory
- Wave Propagation on Smooth and Periodic Open Structures
- Waves in Plasmas
- Multimode Waveguide Technique at Low and High Microwave Power
- Analysis and Measurement of General Microwave Junctions
- Network Synthesis with Transmission Line Elements
- Broadband Parametric Amplification.

The program will be given at the Polytechnic Institute Long Island Graduate Center, Farmingdale, N. Y. For further information, write to:

Dr. Herbert J. Carlin,
Head of Department of Electrophysics
Polytechnic Institute of Brooklyn
Long Island Graduate Center
Route 110
Farmingdale, L. I., N. Y.