

Contributors to This Issue

A. M. CLOGSTON, Massachusetts Institute of Technology, B.S. in Physics, 1938; Ph.D., 1941; from 1941-46 he worked on magnetrons in the Radiation Laboratory at M.I.T. Bell Telephone Laboratories, 1946-. Dr. Clogston is now doing research principally on electron tubes.

E. N. GILBERT, B.S. in Physics, Queens College, 1943; Massachusetts Institute of Technology Radiation Laboratory, 1944-46; Ph.D. in Mathematics, M.I.T., 1948. Bell Telephone Laboratories, 1948-. Dr. Gilbert has been concerned with mathematical problems of switching and communication theory.

F. K. HARVEY, B.E.E., New York University, 1939. Bell Telephone Laboratories, 1929-. In the Physical Research and Transmission Research Departments, Mr. Harvey has been chiefly concerned with the investigation and measurement of acoustical devices.

R. A. KEMPF, B.S. in Electrical Engineering, University of Illinois, 1937. Bell Telephone Laboratories, 1937-. Mr. Kempf is in the Outside Plant Development Department and has been with the Toll Cable group located at Point Breeze, Baltimore, Maryland since coming with the Laboratories, except for the period from 1941-45 when he was on active duty in the U. S. Navy.

WINSTON E. KOCK, B.E., University of Cincinnati, 1932; M.S., 1933; Ph.D., University of Berlin, 1934. Institute for Advanced Study, Princeton, New Jersey, 1935-36. Director of Electronic Research, Baldwin Piano Company, Cincinnati, Ohio, 1936-42. Bell Telephone Laboratories, Research Department, 1942-. Dr. Kock was engaged in radar antenna work in the Radio Research Department during the war. He is now engaged in microwave and acoustic research.

C. O. MALLINCKRODT, Washington University, B.S. in E.E., 1930. Bell Telephone Laboratories, 1930-April 1951. Mr. Mallinckrodt engaged in the development of carrier telephone repeaters and transmission regulators. During the war he worked on pulse modulation telephone systems which led to the development of the theory of instantaneous companders.

J. T. MAUPIN, B.S. in E.E., University of Kentucky, 1947. U. S. Air Force, 1943-46. Bell Telephone Laboratories, 1947-. Except for one year in the School for Communication Development Training, Mr. Maupin has been engaged in research and development work on telephone cables.

J. R. PIERCE, B.S. in Electrical Engineering, California Institute of Technology, 1933; Ph.D., 1936. Bell Telephone Laboratories, 1936-. Dr. Pierce has been engaged in the study of vacuum tubes.

WILLIAM J. PIETENPOL, University of Colorado, B.S. in Electrical Engineering, 1943; Radio Corporation of America, Lancaster, Pennsylvania, 1943-46. Ohio State University, 1946-49; Ph.D., 1949. Bell Telephone Laboratories, 1950-. Dr. Pietenpol is engaged in Transistor development.

H. H. SCHNECKLOTH, B.S. in Electrical Engineering, University of Minnesota, 1925. Western Electric Company, 1917-18; Northwestern Bell Telephone Company, 1918-29; American Telephone and Telegraph Company, Department of Development and Research, 1929-34; Bell Telephone Laboratories, 1934-. Mr. Schneckloth's work was in the manufacturing, maintenance, and equipment engineering phases of telephone switching prior to 1929. Since then he has been engaged in switching systems engineering and planning work.

THOMAS SHAW, S.B., Massachusetts Institute of Technology, 1905. American Telephone and Telegraph Company, Engineering Department, 1905-19; Department of Development and Research, 1919-33. Bell Telephone Laboratories, 1933-48. Mr. Shaw's active telephone career was mainly concerned with loading problems in telephone circuits, including the transmission and economic features of the loading apparatus. The article now being published was started shortly before his retirement in 1948.

ROBERT LEE WALLACE, JR., University of Texas, B.A. in Physics and Mathematics, 1936; M.A., 1939; Harvard University, 1939-45; Special Research Associate in the field of military communications, 1941-45. Bell Telephone Laboratories, 1946-. Mr. Wallace has been concerned with problems in magnetic recordings and with Transistors.