

Contributors to this Issue

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.

W. D. LEWIS, A.B. in Communication Engineering, Harvard College, 1935; Rhodes Scholar, Wadham College, Oxford; B.A. in Mathematics, Oxford, 1938; Ph.D. in Physics, Harvard, 1941. Bell Telephone Laboratories, Inc., 1941-. Dr. Lewis was engaged in radar antenna work in the Radio Research Department during the war; he is now engaged in microwave repeater systems research.

L. A. MEACHAM, B.S. in Electrical Engineering, University of Washington, 1929; Certificate of Research, Cambridge University, England, 1930. Bell Telephone Laboratories, 1930-. From 1930 to 1941 Mr. Meacham's work dealt with crystal oscillators, multivibrators, phase shifters, and other devices used in precision standards of frequency. During the war he developed range measuring devices for radar, and has since been concerned with applications of pulse techniques to multiplex telephony.

E. PETERSON, Cornell University, 1911-14; Brooklyn Polytechnic, E.E. 1917; Columbia University, A.M. 1923; Ph.D. 1926. Electrical Testing Laboratories, 1915-17; Signal Corps, U. S. Army, 1917-19. Western Electric Company, Engineering Department, 1919-25; Bell Telephone Laboratories, 1925-. Lecturer in Electrical Engineering, Columbia, 1934-. As circuit research engineer, Dr. Peterson's work has been largely in theoretical studies of non-linear circuits and circuit elements.

J. R. PIERCE, B.S. in Electrical Engineering, California Institute of Technology, 1933; Ph.D., 1936. Bell Telephone Laboratories, 1936-. Engaged in study of vacuum tubes.

S. O. RICE, B.S. in Electrical Engineering, Oregon State College, 1929; California Institute of Technology, 1929-30, 1934-35. Bell Telephone

Laboratories, 1930-. Mr. Rice has been concerned with various theoretical investigations relating to telephone transmission theory.

V. C. RIDEOUT, B.Sc. in Engineering Physics, University of Alberta, 1938; M.S. in Electrical Engineering, California Institute of Technology, 1940. Bell Telephone Laboratories, Inc., 1939-1946. Department of Electrical Engineering, University of Wisconsin, 1946-. During the war Mr. Rideout worked in the Research Department on various components for radar systems; after the war he worked on frequency control systems and on intermediate frequency power amplifiers for microwave repeater systems.

R. W. SEARS, A.B. Ohio Wesleyan University, 1928; M.S., Ohio State University, 1929. Columbia University, 1930-1935. Bell Telephone Laboratories, 1929-. Mr. Sears has been engaged in research work on thermionics and semiconductors. Since 1939 he has been primarily concerned with the development of electron tubes.

L. C. TILLOTSON, B.S. in E.E., University of Idaho, 1938; M.S. in E.E., University of Missouri, 1941. Instructor in Electrical Engineering, University of Missouri, 1940-41. Bell Telephone Laboratories, Inc., 1941-. During the war Mr. Tillotson was engaged in the design and development of wave filters and other transmission networks. In 1946 he was transferred to the Radio Research Department and since that time has been concerned with microwave repeater systems research.