

Contributors to this Issue

CHARLES B. AIKEN, B.S., Tulane University, 1923; M.S. in Electrical Communication Engineering, Harvard University, 1924; M.A. in Physics, 1925. Bell Telephone Laboratories, 1928-. Mr. Aiken has been engaged on work in connection with aircraft communication and more recently with the design of broadcast radio receiver equipment.

F. E. HAWORTH, A.B., University of Oregon, 1924; M.A., Columbia University, 1929; Bell Telephone Laboratories, 1925-. Mr. Haworth's work has been in crystal analysis by means of X-rays, magnetic materials, and more recently in studies of dielectrics.

HERBERT E. IVES, B.S., University of Pennsylvania, 1905; Ph.D., Johns Hopkins, 1908; assistant and assistant physicist, Bureau of Standards, 1908-09; physicist, Nela Research Laboratory, Cleveland, 1909-12; physicist, United Gas Improvement Company, Philadelphia, 1912-18; U. S. Army Air Service, 1918-19; research engineer, Western Electric Company and Bell Telephone Laboratories, 1919 to date. Dr. Ives' work has had to do principally with the production, measurement and utilization of light.

W. C. JONES, B.S. in E.E., Colorado College, 1913; Western Electric Company, 1913-25; Bell Telephone Laboratories, 1925-. As Transmission Instruments Development Engineer, Mr. Jones has specialized in the development and application of instruments for the transmission of speech and music.

A. R. KEMP, B.S., California Institute of Technology, 1917, M.S., 1918; Engineering Department, Western Electric Company, 1918-25; Bell Telephone Laboratories, 1925-. Mr. Kemp has been engaged in chemical research on rubber and allied materials used for submarine and other types of insulation.

W. H. MARTIN, A.B., Johns Hopkins University, 1909; B.S., Massachusetts Institute of Technology, 1911; American Telephone and Telegraph Company, Engineering Department, 1911-19; Department of Development and Research, 1919-. As Local Transmission Engineer, Mr. Martin has been engaged in development work on the transmission of telephone sets and local exchange circuits, transmission quality and loading.

L. J. SIVIAN, A.B., Cornell University, 1916; Engineering Department, Western Electric Company, 1917-19 and 1920-25; Bell Telephone Laboratories, 1925-. Mr. Sivian's work is in acoustics, chiefly in connection with methods of electroacoustic measurements.

GEORGE C. SOUTHWORTH, B.S., Grove City College, 1914, M.S., 1916; Ph.D., Yale, 1923; assistant physicist, Bureau of Standards, 1917-18; instructor, Yale University, 1918-23; Information Department, American Telephone and Telegraph Company, 1923-24; Department of Development and Research, 1924-. Mr. Southworth's work in the Bell System has been concerned chiefly with the development of short-wave radiotelephony. He is the author of several papers on radio-frequency phenomena.