

Contributors to this Issue

KARL K. DARROW, B.S., University of Chicago, 1911; University of Paris, 1911-12; University of Berlin, 1912; Ph.D., University of Chicago, 1917. Western Electric Company, 1917-25; Bell Telephone Laboratories, 1925-. Dr. Darrow has been engaged largely in writing on various fields of physics and the allied sciences.

LLOYD ESPENSCHIED. Mr. Espenschied is High Frequency Transmission Development Director in the Bell Telephone Laboratories. He joined the Bell System in 1910, having graduated from Pratt Institute the previous year. He has taken an important part in practically all of the Bell System radio developments, beginning with the first long-distance radio-telephone tests of 1915, at which time he received the voice in Hawaii from Arlington, Virginia. He has participated in a number of international conferences on electric communications.

J. G. KREER, B.S. in Electrical Engineering, University of Illinois, 1925; M.A., Columbia University, 1928. Bell Telephone Laboratories, 1925-. Mr. Kreer has been engaged in research work on carrier frequency systems.

S. A. LEVIN, E.E., Chalmers Technical Institute, Gothenburg, 1919; Technische Hochschule, Berlin, 1920-21; Technische Hochschule, Dresden, 1921-23. Radio Department, General Electric Company, Schenectady, N. Y., 1923-26; Engineering Department, National Electric Light Association, New York, N. Y., 1926-30. Bell Telephone Laboratories, 1930-. Mr. Levin's work has to do with the development of high-frequency measuring equipment for carrier systems.

G. L. PEARSON, A.B., Willamette University, 1926; M.A. Stanford University, 1929. Bell Telephone Laboratories, 1929-. Mr. Pearson has been engaged in a study of the noise inherent in electric circuits.

D. B. PENICK, B.S. in Electrical Engineering, University of Texas, 1923; B.A., 1924; M.A. in Physics, Columbia University, 1927. Western Electric Company, Engineering Department, 1924-25; Bell Telephone Laboratories, 1925-. Mr. Penick has been engaged in special problems related to the development of vacuum tubes.

E. PETERSON, Cornell University, 1911-14; Brooklyn Polytechnic, E.E., 1917; Columbia, A.M., 1923; Ph.D., 1926; Electrical Testing Laboratories, 1915-17; Signal Corps, U. S. Army, 1917-19. Bell Telephone Laboratories, 1919-. Dr. Peterson's work has been largely in theoretical studies of carrier current apparatus.

LISS C. PETERSON, E.E., Chalmers Technical Institute, Gothenburg, 1920; Technische Hochschule, Charlottenburg, 1920-21; Technische Hochschule, Dresden, 1921-22; Signal Corps, Swedish Army, 1922-23. American Telephone and Telegraph Company, 1925-30; Bell Telephone Laboratories, 1930-. Mr. Peterson is engaged in the study of modulation and other problems connected with high frequency carrier systems.

S. A. SCHELKUNOFF, B.A., M.A., in Mathematics, The State College of Washington, 1923; Ph.D. in Mathematics, Columbia University, 1928. Engineering Department, Western Electric Company, 1923-25. Bell Telephone Laboratories, 1925-26. Department of Mathematics, State College of Washington, 1926-29. Bell Telephone Laboratories, 1929-. Dr. Schelkunoff has been engaged in mathematical research, especially in the field of electromagnetic theory.

M. E. STRIEBY, A.B., Colorado College, 1914; B.S., Harvard, 1916; B.S. in E.E., M.I.T., 1916; New York Telephone Company, Engineering Department, 1916-17; Captain, Signal Corps, U. S. Army, A. E. F., 1917-19. American Telephone and Telegraph Company, Department of Development and Research, 1919-29; Bell Telephone Laboratories, 1929-. Mr. Strieby has been associated with various phases of transmission work, more particularly with the development of long toll circuits. At the present time, in his capacity as Carrier Transmission Research Engineer, he directs studies of new and improved methods of carrier frequency transmission over existing or new facilities.

L. A. WARE, B.E., Engineering College, University of Iowa, 1926; M.S., University of Iowa, 1927; Ph.D., Physics Department, University of Iowa, 1930. Instructor in Physics, University of Iowa, 1926-29. Bell Telephone Laboratories, 1929-. Dr. Ware's work has been chiefly in connection with regenerative amplifier development.