

Contributors to this Issue

HALSEY A. FREDERICK, B.S., Princeton University, 1910; E.E., Princeton University, 1912; Engineering Department Western Electric Company, 1912—. Mr. Frederick has been engaged in research and development problems connected with telephone receivers, transmitters, and allied subjects in the investigation of the transmission and reproduction of speech and music.

H. F. DODGE, S.B., Mass. Inst. Tech., 1916; Instructor in electrical engineering, Mass. Inst. Tech., 1916-1917; A.M. in Physics and Mathematics, Columbia University, 1922; Engineering Department of Western Electric Company, 1917—. Mr. Dodge has been engaged in development studies on telephone transmitters.

GEORGE A. CAMPBELL, B.S., Massachusetts Institute of Technology, 1891; A.B., Harvard, 1892; Ph.D., 1901; Gottingen, Vienna and Paris, 1893-96; Mechanical Department, American Bell Telephone Company, 1897; Engineering Department, American Telephone and Telegraph Company, 1903-19; Department of Development and Research, 1919—; Research Engineer, 1908—. Dr. Campbell has published papers on loading and the theory of electric circuits, including electric wave-filters, and is also well known to telephone engineers for his contributions to repeater and substation circuits.

JOHN R. CARSON, B.S., Princeton, 1907; E.E., 1909; M.S., 1912; Research Department, Westinghouse Electric and Manufacturing Company, 1910-12; instructor of physics and electrical engineering, Princeton, 1912-14; American Telephone and Telegraph Company, Engineering Department, 1914-15; Patent Department, 1916-17; Engineering Department, 1918; Department of Development and Research, 1919—. Mr. Carson's work has been along theoretical lines and he has published several papers on theory of electric circuits and electric wave propagation.

OTTO J. ZOBEL, A.B., Ripon College, 1909; A.M., Wisconsin, 1910; Ph.D., 1914; instructor in physics, 1910-15; instructor in physics, Minnesota, 1915-16; Engineering Department, American Telephone and Telegraph Company, 1916-19; Department of Development and Research, 1919—. Mr. Zobel has made important contributions to circuit theory in branches other than the subject of wave-filters.

KARL K. DARROW, S.B., University of Chicago, 1911; University of Paris, 1911-12; University of Berlin, 1912; Ph.D., in physics and mathematics, University of Chicago, 1917; Engineering Department, Western Electric Company, 1917—. At the Western Electric, Mr. Darrow has been engaged largely in preparing studies and analyses of published research in various fields of physics.

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