

Contributors to this Issue

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RALPH BOWN, M.E., 1913; M.M.E., 1915; Ph.D., 1917, Cornell University. Captain, Signal Corps, U. S. Army, 1917-19. American Telephone and Telegraph Company, Department of Development and Research, 1919-34; Bell Telephone Laboratories, 1934-. As Radio Research Director, Dr. Bown is concerned with radio development problems. He is a Past President of the Institute of Radio Engineers.

CHARLES R. BURROWS, B.S. in Electrical Engineering, University of Michigan, 1924; A.M., Columbia University, 1927; E.E., University of Michigan, 1935. Research Assistant, University of Michigan, 1922-23. Western Electric Company, Engineering Department, 1924-25; Bell Telephone Laboratories, Research Department, 1925-. Mr. Burrows has been associated continuously with radio research and is now in charge of a group investigating the propagation of ultra-short waves.

JOHN R. CARSON, B.S., Princeton, 1907; E.E., 1909; M.S., 1912. American Telephone and Telegraph Company, 1914-34; Bell Telephone Laboratories, 1934-. As Transmission Theory Engineer for the American Telephone and Telegraph Company and later for the Laboratories, Mr. Carson has made substantial contributions to electric circuit and transmission theory and has published extensively on these subjects. He is now a research mathematician.

THORNTON C. FRY, A.B., Findlay College, 1912; A.M., University of Wisconsin, 1913; Ph.D., 1920; Instructor in mathematics, University of Wisconsin, 1912-16. Mathematician, Western Electric Company, 1916-24; Bell Telephone Laboratories, since 1924. Lecturer electrical engineering, M.I.T., 1927; Lecturer mathematics, Princeton, 1929-30. Dr. Fry's work in the Laboratories has been of a mathematical character.

J. M. MANLEY, B.S. in Electrical Engineering, University of Missouri, 1930; Bell Telephone Laboratories, 1930-. Mr. Manley has been engaged principally in theoretical studies of non-linear electrical circuits.

W. P. MASON, B.S. in Electrical Engineering, University of Kansas, 1921; M.A., Columbia University, 1924; Ph.D., 1928. Bell Telephone Laboratories, 1921-. Dr. Mason has been engaged in investigations on carrier transmission systems and more recently in work on wave transmission networks, both electrical and mechanical.

PIERRE MERTZ, A.B., Cornell University, 1918; Ph.D., 1926. American Telephone and Telegraph Company, Department of Development and Research, 1919-23, 1926-34; Bell Telephone Laboratories, 1934-. Dr. Mertz has been engaged in special problems in toll transmission, chiefly in telephotography and television.

S. O. MORGAN, B.S. in Chemistry, Union College, 1922; M.A., Princeton University, 1925; Ph.D., 1928. Western Electric Company, Engineering Department, 1922-24; Bell Telephone Laboratories, 1927-. Dr. Morgan's work has been on the relation between dielectric properties and chemical composition.

E. J. MURPHY, B.S., University of Saskatchewan, Canada, 1918; McGill University, Montreal, 1919-20; Harvard University, 1922-23. Western Electric Company, Engineering Department, 1923-25; Bell Telephone Laboratories, 1925-. Mr. Murphy's work is largely confined to the study of the electrical properties of dielectrics.

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.

K. W. PFLEGER, A.B., Cornell University, 1921; E.E., 1923. American Telephone and Telegraph Company, Department of Development and Research, 1923-34; Bell Telephone Laboratories, 1934-. Mr. Pfleger has been engaged in transmission development work, chiefly on problems pertaining to delay equalization, delay measuring, temperature effects in loaded-cable circuits, and telegraph theory.

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