

Contributors to this Issue

JOHN T. BANGERT, B.S. in E.E., University of Michigan, 1942; M.S. in E.E., Stevens Institute of Technology, 1947; doctoral studies, Columbia University, 1951-. Bell Telephone Laboratories, 1942-. Following design work on various military systems and test equipment during World War II, Mr. Bangert turned his attention to investigations of fundamental problems in transmission and communication theory. Recently he has been exploring new methods of analysis and synthesis of active and passive networks in the time and frequency domain. Member of Sigma Xi, Tau Beta Pi, Phi Kappa Phi, Eta Kappa Nu, I.R.E., and Association for Computing Machinery.

CLAYTON B. BROWN, B.S. in E.E., Polytechnic Institute of Brooklyn, 1952; Bell Telephone Laboratories, 1937-1940; Western Electric Company, 1940-1943; Bell Telephone Laboratories, 1943-. During World War II he worked on the development of precision potentiometers, later doing test work on the automatic trouble recorder; magnet design and test work on the card translator. He is presently concerned with the planning, analysis, and testing of switching apparatus and solderless wrapped connections.

DONALD F. JOHNSTON, B.S. in E.E., Catholic University of America, 1922; Western Electric Company, 1922-1925; Bell Telephone Laboratories, 1925-. From 1922 to 1924, Mr. Johnston prepared literature describing methods of circuit operation. With the Laboratories he has been concerned with testing and development of toll testing and switching circuits.

J. A. LEWIS, B.S., Worcester Polytechnic Institute, 1944; Sc.M., Brown University, 1948; Ph.D., Brown University, 1950; Corning Glass Works, 1950-1951; Bell Telephone Laboratories, 1951-. With the Laboratories, he has been concerned with mathematical research in theoretical mechanics, piezoelectric crystal vibrations, heat transfer, and stress analysis. Member American Mathematical Society, Sigma Xi.

STEPHEN O. RICE, B.S., Oregon State College, 1929; California Institute of Technology, Graduate Studies, 1929-30 and 1934-35. Bell Telephone Laboratories, 1930-. In his first years at the Laboratories, Mr. Rice was concerned with non-linear circuit theory, with special emphasis on methods of computing modulation products. Since 1935 he has served as a consultant on mathematical problems and in investigations of telephone transmission theory, including noise theory, and applications of electromagnetic theory. Fellow, I.R.E.

WILLIAM W. RIGROD, B.S. in E.E., Cooper Union Institute of Technology, 1934; M.S. in Engineering, Cornell University, 1941; D.E.E., Polytechnic Institute of Brooklyn, 1950; Westinghouse Electric Corporation, 1941-1951; Bell Telephone Laboratories, 1951-. Since 1935 he has been concerned principally with the design of electron tubes. Member of American Physical Society, Sigma Xi.

MILTON E. TERRY, B.Sc., Acadia, 1937; Ph.D. University of North Carolina, 1951; associate professor in mathematical statistics, Virginia Polytechnic Institute, 1949-1952; Bell Telephone Laboratories, 1952-. With the Laboratories, he is a consulting statistician with the mathematics group, special problems section, working on such projects as sampling, L-3 apparatus development, and the transistor. Member of American Society for Quality Control, Institute of Mathematical Statistics, American Statistical Association, Virginia Academy of Science, Sigma Xi.

C. J. TRUITT, B.S. in Chemistry, Harvard University 1924; New York Telephone Company, Traffic Engineering, 1924-1943. Mr. Truitt transferred to the Long Island area when it was formed in 1927, becoming Trunk Traffic Engineer for that area in 1941. In 1943, he transferred to the toll line engineering group, Operating and Engineering Department, American Telephone and Telegraph Company, where he has since been engaged in developing traffic engineering procedures involving the theory and practice of intertoll trunking.

BOGUMIL M. WOJCIECHOWSKI, Polytechnic Institute of Warsaw, E.E., 1936; Research Staff, Physical Department, Polit. Inst., 1936-1938; Technical Advisor, Polish Stratospheric Board, 1937-1939; National Institute of Telecommunication (Warsaw) 1937-1939; Research Bureau, Industrielle des Téléphones (Paris) 1939-1940; Test Set Development Department, Western Electric Co., 1942-. While working for the Western

Electric Company, Mr. Wojciechowski has been engaged in the development of electrical measuring apparatus. Particularly, his work has been concerned with the industrial precision measuring problems growing out of war and post-war changes in electronic techniques. Some of his contributions are: the development of bridges for temperature coefficient measurements of capacitance; inductance measurements of quartz crystal plates; unbalance measurements of four-branch networks; phase sensitive detectors; and digital frequency combining and selecting systems. Mr. Wojciechowski is a Member of the American Institute of Electrical Engineers and a Senior Member of the Institute of Radio Engineers.