

### Contributors to this Issue

J. T. MULLER, Technical College, Amsterdam, Holland, 1923; M.S., Stevens Institute of Technology, 1943. Mr. Muller came originally to the United States to continue his studies in 1923, became interested in the design and development of high-speed automatic equipment for a number of companies and joined Western Electric in 1941 and the Bell Telephone Laboratories in 1943. He has been primarily concerned with the protection of radar equipment against shock and vibration and the development of new types of shock mounts. His interest is in the field of experimental and mathematical dynamics.

WILLIAM W. MUMFORD, B.A., Willamette University, 1930. Bell Telephone Laboratories, 1930-. Mr. Mumford has been engaged in work that is chiefly concerned with ultra-short-wave and microwave radio communication.

LISS C. PETERSON, Chalmers Technical University, Gothenburg, 1921; Technical Universities of Charlottenburg and Dresden, 1921-23. American Telephone and Telegraph Company, 1925-30; Bell Telephone Laboratories, 1930-. Mr. Peterson has recently been concerned with the theory of hearing.

J. R. PIERCE, B.S. in Electrical Engineering, California Institute of Technology, 1933; Ph.D., 1936. Bell Telephone Laboratories, 1936-. Engaged in study of vacuum tubes.

CLAUDE E. SHANNON, B.S. in Electrical Engineering, University of Michigan, 1936; S.M. in Electrical Engineering and Ph.D. in Mathematics, M. I. T., 1940. National Research Fellow, 1940. Bell Telephone Laboratories, 1941-. Dr. Shannon has been engaged in mathematical research principally in the use of Boolean Algebra in switching, the theory of communication, and cryptography.

M. K. ZINN, B.S. in Electrical Engineering, Purdue University, 1918; U. S. Army Signal Corps and Air Service, 1918-19. American Telephone and Telegraph Company, Department of Development and Research, 1919-34; Bell Telephone Laboratories, 1934-. Mr. Zinn's work has been concerned mainly with transmission engineering problems.