## Contributors to this Issue

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IDEN KERNEY, B.S. Harvard University, 1923. American Telephone and Telegraph Company, 1923–1934; Bell Telephone Laboratories, Inc. 1934–. Before the war Mr. Kerney was in charge of the laboratory in which experimental work on program transmission was conducted. Since early in 1942 he has been engaged full time on war projects.

- R. A. Sykes, Massachusetts Institute of Technology, B.S. 1929; M.S. 1930. Columbia University, 1931–1933. Bell Telephone Laboratories, Research Department, 1930–. Mr. Sykes has been engaged in the applications of quartz crystals to broad-band carrier systems as filter and oscillator elements. Other work has included the application of coaxial lines as elements of filter networks and more recently the design and development of quartz crystals for radio frequency oscillators.
- G. W. WILLARD, B.A., University of Minnesota, 1924; M.A., 1928; Instructor in Physics, University of Kansas, 1927–28; Student and Assistant, University of Chicago, 1928–30. Bell Telephone Laboratories, 1930–. Mr. Willard's work has had to do with special problems in piezo-electric crystals.

