## Contributors to this Issue

- Walter L. Bond, B.S. in Physics, Washington State College, 1927; M.S. 1928. Member of Technical Staff, Bell Telephone Laboratories 1928—. Studied at Columbia University, New York University, and Stevens Institute. Engaged primarily in studies of the physical properties of crystals.
- G. M. Bouton, Ch.E., Brooklyn Polytechnic Institute, 1926. Bell Telephone Laboratories, 1926—. Mr. Bouton is in charge of a group concerned primarily with the metallurgy of lead cable sheath alloys and solders and with general microscopic examination of metallic materials.
- KARL K. DARROW, B.S., University of Chicago, 1911; University of Paris, 1911–12; University of Berlin, 1912; Ph.D., University of Chicago, 1917. Western Electric Company, 1917–25; Bell Telephone Laboratories, 1925–. As Research Physicist, Dr. Darrow has been engaged largely in writing on various fields of physics and the allied sciences.
- G. S. Phipps, B.S. in Electrochemical Engineering, Pennsylvania State College, 1930; M.S. in Metallurgy, Columbia University, 1939. Bell Telephone Laboratories, 1930–. Mr. Phipps has been engaged principally in the metallurgical investigation of solders and lead base alloys.
- S. A. SCHELKUNOFF, B.A., M.A. in Mathematics, The State College of Washington, 1923; Ph.D. in Mathematics, Columbia University, 1928. Engineering Department, Western Electric Company, 1923–25; Bell Telephone Laboratories, 1925–26. Department of Mathematics, State College of Washington, 1926–29. Bell Telephone Laboratories, 1929–. As Consultant in Electromagnetic Theory, Dr. Schelkunoff is engaged in mathematical research in the theory of antennas, wave guides and cavity resonators.
- EARLE E. SCHUMACHER, B.S., University of Michigan; Research Assistant in Chemistry, 1916–18. Engineering Department, Western Electric Company, 1918–25; Bell Telephone Laboratories, 1925–. As Research Metallurgist, Mr. Schumacher is in charge of a group whose work relates largely to research studies on metals and alloys.