

## Contributors to This Issue

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ARCHIE P. KING, B.S., 1927, California Institute of Technology; Seismological Laboratory, Carnegie Institute of Washington, 1927–30; Bell Telephone Laboratories, 1930—. He has been engaged in ultra-high-frequency radio research and has concentrated on waveguide transmission and waveguide transducers, and components for low-loss circular electric wave transmission. Senior member I.R.E.

JOHN R. KLAUDER, B.S., 1953, University of California; M.S., 1956, Stevens Institute of Technology; M.A., 1957, and Ph.D., 1959, Princeton University; Bell Telephone Laboratories, 1953—. He was a member of the Communications Development Training Program from 1953 to

1956 and from 1956 to 1959 he held a C.D.T. Fellowship at Princeton, where he studied quantum field theory. Since returning to Bell Laboratories he has been engaged in theoretical studies of properties of solids. Member American Physical Society, Phi Beta Kappa, Sigma Xi, Tau Beta Pi.

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G. D. MANDEVILLE, Monmouth Junior College; Rutgers University; Western Electric Co., 1939-49; Bell Telephone Laboratories, 1949—. With Western Electric, Mr. Mandeville was concerned with radar development and shop testing equipment. He headed the shop test equipment prove-in section for three years. With Bell Laboratories he has been engaged in various areas of measurement associated with guided-wave research.

E. A. MARCATILI, Aeronautical Engineer, 1947, and E.E., 1948, University of Cordoba (Argentina); Research staff, University of Cordoba, 1947-54; Bell Telephone Laboratories, 1954—. He has been engaged in theory and design of filters in multimode waveguides. More recently he has concentrated on waveguide systems research. Member I.R.E., Physical Association of Argentina.

DOREN MITCHELL, B.S., 1925, Princeton University; American Telephone & Telegraph Co., 1925-34; Bell Telephone Laboratories, 1934—. Mr. Mitchell's early work was concerned with field studies of transmission on long telephone and radio circuits, including work on various types of voice operated devices. During World War II he worked on military projects, including transmission systems and the problem of laying wire from airplanes. He also founded the Somerset Mechanics School to provide vocational training to residents of that county. Since the war, he has worked on radio systems and data transmission systems. Now working on satellite communication systems as Head, Satellite Systems Studies Department. Fellow of the IRE, licensed professional engineer and member of the Armed Forces Communications and Electronics Association and the American Association for the Advancement of Science.

RONALD SALOVEY, B.S., 1954, Brooklyn College; A.M., 1957, and Ph.D., 1959, Harvard University; Bell Telephone Laboratories, 1958—. Mr. Salovey has been engaged in research in polymer chemistry. Member American Chemical Society, Phi Beta Kappa, Sigma Xi.

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KENNETH G. VAN WYNEN, E.E., 1925, Cornell University; M.E.E., 1932, Polytechnic Institute of Brooklyn; American Telephone and Telegraph Co., 1925-34; Bell Telephone Laboratories, 1934—. He has been engaged in studies relating to improved telephone transmission and to air traffic control problems, and recently has been concerned with the development of a personal signaling system. His current assignment is responsibility for visitors programs at Murray Hill. Senior member I.R.E.; member American Association for the Advancement of Science.

