

Contributors to This Issue

MARTIN B. BRILLIANT, B.A., 1955, Washington and Jefferson College; S.B., S.M., 1955, Sc.D., 1958, Massachusetts Institute of Technology; Bell Telephone Laboratories, 1955 and 1966—. Mr. Brilliant has also held positions with the Air Force Cambridge Research Center; National Company, Inc.; Hazeltine Research Corporation; University of Kansas; and Booz-Allen Applied Research, Inc. At Bell Telephone Laboratories, he worked in 1955 on a transistor pulse generator for the Electronic Central Office. He is now concerned with systems engineering problems in the switching of time-multiplexed signals. Member, Sigma Xi, AAAS.

HERBERT Y. CHANG, B.S., 1960, M.S., 1962 and Ph.D. in EE, 1964, University of Illinois; Bell Telephone Laboratories, 1964—. Mr. Chang has been associated with the maintenance dictionary project for the No. 1 Electronic Switching System. At present he is engaged in studies of techniques for the design of self-diagnosable digital machines and the reliability and maintainability studies for digital systems. Member, IEEE, Sigma Xi, Tau Beta Pi, Eta Kappa Nu, Pi Mu Epsilon, ACM.

RICHARD W. DIXON, A.B., 1958, Harvard College; M.A., 1960 and Ph.D., 1964, Harvard University; Bell Telephone Laboratories, 1965—. Since joining the Bell Telephone Laboratories, Mr. Dixon has been concerned with problems connected with the interaction of light and elastic waves in solids and liquids. Member, American Physical Society.

DETLEF GLOGE, Dipl. Ing., 1961, D.E.E., 1964, Braunschweig Technische Hochschule (Germany); research staff, Braunschweig Technische Hochschule 1961-1965; Bell Telephone Laboratories, 1965—. In Braunschweig, Mr. Gloge was engaged in research on lasers and optical components. At Bell Telephone Laboratories, he has concentrated in the study of optical transmission techniques. Member, VDE, IEEE.

EUGENE I. GORDON, B.S. in Physics, 1952, City College of New York; Ph.D. in Physics, 1957, Massachusetts Institute of Technology; Bell Telephone Laboratories, 1957—. Mr. Gordon is presently Head of the Optical Device Department concerned with gas lasers and their application as well as devices for *Picturephone*[®]. He is an associate editor of the IEEE Journal of Quantum Electronics. Member, APS, Phi Beta Kappa, Sigma Xi.

R. L. HAMILTON, B.S. Chem. Engr., 1957, Ph.D., 1960, Oklahoma University; Bell Telephone Laboratories, 1963—. Mr. Hamilton has been engaged in developing techniques for measuring water vapor permeabilities of plastic materials as well as water vapor ingress rates into cable sheaths, apparatus cases, and other enclosures used in outside plant. At present, he is developing composite materials for use in underground conduits. Member, Tau Beta Pi, Sigma Xi.

WILLIAM C.-Y. LEE, B.Sc. in Engineering, 1954, Chinese Naval Academy; M.Sc., E.E., 1960, and Ph.D. in E.E., in 1963, The Ohio State University; Bell Telephone Laboratories, 1964—. Mr. Lee has been concerned with the study of wave propagation in anisotropic medium and antenna theory. His present work has included studies of mobile radio antennas and signal fading problems. Member, Sigma Xi, IEEE.

J. E. SAVAGE, S.B., S.M., 1962, and Ph.D., 1965, Massachusetts Institute of Technology; Bell Telephone Laboratories, 1965—. Mr. Savage has been engaged in research on problems in coding and information theory. He holds the position of Lecturer in Electrical Engineering at Columbia University. Member, Tau Beta Pi, Sigma Xi, Eta Kappa Nu, IEEE.

WENDL THOMIS, B.S., 1956, Illinois Institute of Technology; M.S., 1959, Purdue University; Bell Telephone Laboratories, 1959-1966. Mr. Thomis has done systems work in the maintenance planning area of the No. 1 Electronic Switching System since joining the Laboratories. He headed the maintenance dictionary project for No. 1 ESS and is currently working on improved maintenance dictionary techniques.