

Contributors to This Issue

JAMES L. BLUE, A.B., 1961, Occidental College; Ph.D., 1966, California Institute of Technology; Bell Telephone Laboratories, 1966—. Mr. Blue has been concerned with noise in microwave diodes. Currently, he is involved in mathematical analysis of microwave diode oscillators. Member, American Physical Society, Phi Beta Kappa.

THOMAS E. BROWNE, B.E.E., 1959, Manhattan College, M.E.E., 1961, New York University; Bell Telephone Laboratories 1959—. Mr. Browne has worked on circuit design and device characterization in the development of the No. 101 electronic switching systems (ESS). In 1965 he was appointed supervisor of the 2A Switch Unit Group and in 1967 became supervisor of a group developing magnetic and semiconductor integrated circuit memories. Member, IEEE, Eta Kappa Nu.

ARTHUR N. CHESTER, B.S., 1961, University of Texas; Ph.D., 1965, California Institute of Technology; Bell Telephone Laboratories, 1965—. Mr. Chester began work at Bell Laboratories studying physical processes related to the argon ion laser, specifically electrophoresis and cross sections for energy transfer between excited states in atom-atom collisions. He then worked on the application of the silicon diode array camera tube to X-ray and high energy particle imaging. At present he is studying luminescence in solids. Member, American Physical Society, American Association for the Advancement of Science, Sigma Xi, Sigma Pi Sigma.

DAVID J. GOODMAN, B.E.E., 1960, Rensselaer Polytechnic Institute; M.E.E., 1962, New York University; Ph.D., 1967, University of London; Bell Telephone Laboratories 1960-62, 1967—. Mr. Goodman has performed analytic studies of digital communication systems. Member, IEEE, Eta Kappa Nu, Tau Beta Pi.

T. C. LOOMIS, B.S. (Chem.), Bradley Univ., 1948; Ph.D (Anal. Chem.), Iowa State College, 1953. Bell Telephone Laboratories, 1953—. Mr. Loomis is a member of the Analytical Chemistry Department,

specializing in X-ray spectrochemical analysis. He is currently supervisor of the Small Sample and Trace Analysis Group.

LEIF LUNDQUIST, Civilingenjör, 1964, Royal Institute of Technology, Stockholm, Sweden; Microwave Department, Royal Institute of Technology, Stockholm, Sweden, 1964-1965; Bell Telephone Laboratories 1965—. He is working in the Radio Systems Engineering Department and is currently engaged in interference studies. Member, Svenska Teknologföreningen, IEEE.

H. F. PRIEBE, JR., Newark College of Engineering, 1955-58; Bell Telephone Laboratories, 1952—. Mr. Priebe's major activities have been in the design of logic and memory circuits for an electronic private branch exchange. At present he is concerned with the applications of integrated circuit memory systems for the No. 101 ESS. Member, AAAS; associate member, IEEE.

ARNOLD STEPHEN ROSENBAUM, B.S.E.E., 1964, University of Illinois; M.S.E.E., 1965, University of Illinois; Bell Telephone Laboratories, 1964—. Mr. Rosenbaum is engaged in analysis relating to wideband microwave transmission system design. He is studying for his Ph.D. at the Polytechnic Institute of Brooklyn. Member, Eta Kappa Nu, Tau Beta Pi.

ELDON L. SELEY, B.S.E.E., 1956, Oklahoma State University; M.S.E.E., 1961; New York University; Bell Telephone Laboratories 1956—. Mr. Seley has been Call Processor Group Supervisor for the No. 2 ESS and has supervised the logic and system design of the No. 2 ESS. He is organizing and executing the transfer of the Step-by-Step Central Office System Design. Member, Eta Kappa Nu, Sigma Tau, Phi Kappa Phi, Omicron Delta Kapp, IEEE.

DONALD J. WADSWORTH, B.S.E.E., 1960, University of Washington, M.E.E., 1962, New York University; Bell Telephone Laboratories 1960—. Mr. Wadsworth has worked on the circuit development and physical design of the No. 101 electronic switching systems (ESS). He presently supervises a group responsible for the physical design of a new small ESS processor. Member, Tau Beta Pi, Phi Beta Kappa.

M. M. WEISS, B.S. 1941, City College of New York; M.A. 1947, Columbia University; Ph.D., 1958, New York University; Bell Telephone Laboratories, 1956—. Mr. Weiss worked on the nuclear radiation damage effects on electronic materials and devices, and various techniques for determining the radiation environment. He has been serving as radiation protection and health physics consultant to the Bell System. Since 1966 he has been supervisor of the Radiation Protection Group which is responsible for the ionizing radiation protection program at Bell Laboratories. He is vice-chairman of the company's Radiation Protection Committee and a member of the New Jersey Commission on Radiation Protection. Member, Health Physics Society, IEEE, American Physical Society, Phi Beta Kappa, Sigma Xi.

ROBERT K. YORK, B.E.E., 1957, Rensselaer Polytechnic Institute, M.S.E.E., 1961, New York University; Bell Telephone Laboratories 1957—. Since joining Bell Laboratories, Mr. York has been engaged in the development of electronic switching systems (ESS). His work has included the development of semi-permanent memories and time-division switch units of the No. 101 ESS, a switching system serving private branch exchanges. Presently, Mr. York is supervisor of the Network and Scanner Group for the No. 2 ESS. Member, IEEE, Tau Beta Pi, Eta Kappa Nu, Sigma Xi.

