

Contributors to This Issue

Lane H. Brandenburg, B. S., 1962, M. S., 1963, Ph.D., 1968, Columbia University; Bell Laboratories, 1968—. Mr. Brandenburg has worked on various analytical problems associated with communication theory. Member, IEEE, Sigma XI, Tau Beta Pi.

Yo-Sung Cho, B.S.E.E., 1962, Seoul (Korea) National University; M.S., 1966, and Ph.D., 1968, Yale University; Honeywell E.D.P. Division, 1964–1965 and 1967–1969; Bell Laboratories, 1969—. Mr. Cho has made equalization studies of the L5 Coaxial Transmission System employing manual and automatic equalizers. He was also engaged in the development of the equalizer adjustment system which is used for the optimal equalization of the L5 line. His subsequent work includes exploratory repeater amplifiers for the next generation coaxial transmission system. He is presently supervisor of the group developing terminal multiplexing equipment for coaxial and radio transmission systems. Member, IEEE.

Lewis M. Goodrich, B.S.E.E., 1950, University of Rochester; M.S.E.E., 1952, Ohio State University; Bell Laboratories, 1952—. Mr. Goodrich was first engaged in systems studies and testing in underwater sound. In 1961, he began work on test and analysis of No. 5 crossbar circuits. In 1972, he started a 20-month assignment in system test planning for electronic switching systems. He is currently assigned to the No. 5 Crossbar Maintenance Circuit Design Group where he is working on minicomputer applications to central office maintenance. He has recently been an instructor in an in-hours course in "Logic Design of Switching Systems" and is currently teaching an INCEP course in "Electronic Switching Systems." Member, Tau Beta Pi.

Wayne S. Holden, Electronics Technology, 1970, RCA Institutes; Bell Laboratories, 1970—. Mr. Holden has been involved in the evaluation of optical fiber parameters and the design of electronic circuitry for optical fiber communication systems.

Nuggehalli S. Jayant, B.Sc., 1962, University of Mysore (India); B.E. (Distinction), 1965, and Ph.D., 1970, Indian Institute of Science, Bangalore; Research Associate, Stanford Electronics Laboratories, 1967-68; Visiting Scientist, Indian Institute of Science, January-March, 1972; Bell Laboratories, 1968—. Mr. Jayant has worked on digital communication in the presence of burst-noise, on the detection of fading signals, on pattern discrimination problems, and on adaptive quantizers for waveform encoding.

Stanley Kaufman, B.E., 1948, and M.S., 1957, Johns Hopkins University; Bellcomm, 1968-1971; Bell Laboratories, 1972—. Mr. Kaufman has worked principally in structures and structural dynamics. At Bellcomm, Mr. Kaufman developed a model for the stability and performance of the Lunar Roving Vehicle. Associate Fellow, AIAA.

Debasis Mitra, B.Sc. (E.E.), 1964, and Ph.D. (E.E.), 1967, University of London; United Kingdom Atomic Energy Authority Research Fellow, 1965-1967; University of Manchester, U.K., 1967-1968; Bell Laboratories, 1968—. Mr. Mitra, a member of the Mathematics of Physics and Networks Department, is interested in the application of mathematical methods to physical problems.

S. D. Personick, B.E.E., 1967, City College of New York; S. M., 1968, E.E., 1969, and Sc.D., 1969, Massachusetts Institute of Technology; Bell Laboratories, 1967—. Mr. Personick is engaged in studies of optical communication systems.

Vasant K. Prabhu, B.E. (Dist.), 1962, Indian Institute of Science, Bangalore, India; S.M., 1963, Sc.D., 1966, Massachusetts Institute of Technology; Bell Laboratories, 1966—. Mr. Prabhu has been concerned with various theoretical problems in solid-state microwave devices, noise, and optical communication systems. Member, IEEE, Eta Kappa Nu, Sigma Xi, Tau Beta Pi, and Commission 6 of URSI.

Harrison E. Rowe, B. S., 1948, M.S., 1950, and Sc.D., 1952, Massachusetts Institute of Technology; Bell Laboratories, 1952—. Mr. Rowe's fields of interest have included parametric amplifier theory, noise and communication theory, modulation theory, propagation in

random media, and related problems in waveguide, radio, and optical systems. Fellow, IEEE; member, Sigma XI, Tau Beta Pi, Eta Kappa Nu, and Commission 6 of URSI.

R. D. Standley, B.S., 1957, University of Illinois; M.S., 1960, Rutgers University; Ph.D., 1966, Illinois Institute of Technology; USASRDL, Ft. Monmouth, N.J., 1957-1960; IIT Research Institute, Chicago, 1960-1966; Bell Laboratories, 1966—. Mr. Standley has been engaged in research projects involving microwave, millimeter wave, and optical components. He is presently concerned with electron beam lithography as applied to fabrication of integrated optic devices. Member, IEEE, Sigma Tau, Sigma Xi.

Aaron D. Wyner, B. S., 1960, Queens College; B.S.E.E., 1960, M.S., 1961, and Ph.D., 1963, Columbia University; Bell Laboratories, 1963—. Mr. Wyner has worked on information and communication theory and related mathematical problems. From 1969 to 1970 he visited the Department of Applied Mathematics, Weizmann Institute of Science, Rehovot, Israel, and the Faculty of Electrical Engineering, the Technion, Haifa, Israel, on a Guggenheim Foundation Fellowship. He has been a member of the faculty of Columbia University and the Polytechnic Institute of Brooklyn. He has been chairman of the Metropolitan New York Chapter of the IEEE Information Theory Group, and has served as an associate editor of the Group's *Transactions* and as cochairman of two international symposia. He is presently Second Vice-President of the IEEE Information Theory Group. Member, IEEE, AAS, Tau Beta Pi, Eta Kappa Nu, Sigma Xi.

