

Contributors to This Issue

A. J. Ciesielka, B.S.E., 1967, Drexel University; M.S.E.E., 1968, Stanford University; Bell Laboratories, 1967—. At Bell Laboratories, Mr. Ciesielka first worked on *PICTUREPHONE*[®] video signal formats and video objectives. He later headed a group responsible for *PICTUREPHONE* network planning, performing economic and technical studies of video network configurations. In 1974, he began his present assignment, supervising a group responsible for planning new loop electronic systems, including voice frequency range extension and pair gain systems. This work involves both economic and technical studies of new technologies to lower the costs of providing loops. Member, Tau Beta Pi, IEEE.

Donald C. Douglas, B.S.Ch.E., 1958, The Pennsylvania State University; M.S.E.E., 1960, Georgia Institute of Technology; Bell Laboratories, 1960—. After joining Bell Laboratories, Mr. Douglas worked on various systems engineering projects related to ballistic missile defense. From 1969 to 1972, he was involved in radio system feasibility studies for toll and loop applications. Since 1972, he has been a member of the Loop Transmissions Systems Design Department, where his assignments have included pair gain system applications studies, introduction of new systems to the operating companies, and modeling pair gain system impact on the existing loop plant.

Corrado Dragone, Laurea in E.E., 1961, Padua University (Italy); Libera Docenza, 1968, Ministero della Pubblica Istruzione (Italy); Bell Laboratories, 1961—. Mr. Dragone has been engaged in experimental and theoretical work on microwave antennas and solid-state power sources. He is currently concerned with problems involving electromagnetic wave propagation and microwave antennas.

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B. R. Eichenbaum, B.S. 1963, City College of New York; M.S. 1965, Ph.D. 1969, New York University; Bell Laboratories, 1972—. Mr. Eichenbaum has worked on a variety of optical fiber development problems in the areas of coating materials, coating application techniques, ribbon fabrication, and fiber mechanics. He is currently developing new ribbons, cables, and field stripping procedures. Member, Optical Society of America.

Warren L. G. Koontz, B.S.E.E., 1966, University of Maryland; M.S.E.E., 1967, Massachusetts Institute of Technology; Ph.D., 1971, Purdue University; Bell Laboratories, 1966—. In June 1966, Mr. Koontz joined the Electronic Switching Division of Bell Laboratories and participated in the Graduate Study Program. From 1968 to 1971 he was a Graduate Instructor at Purdue University. During the summers of 1969 and 1970, he worked at Bell Laboratories, Indianapolis, and in 1971 he returned to Whippany as a member of the Loop Transmission Division. He is currently supervisor of the Project Studies group. Member, Sigma Xi, Tau Beta Pi, Eta Kappa Nu, Omicron Delta Kappa, Phi Kappa Phi.

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Lawrence A. Shepp, B.S., Applied Mathematics, 1958, Brooklyn Polytechnic Institute; M.A., Ph.D., 1961, Princeton University; Bell Laboratories, 1962—. Mr. Shepp is a member of the Mathematical Studies Department within the Mathematics and Statistics Research Center. His main fields of interest are probability theory and computerized tomography. He is currently Adjunct Professor at Columbia University, Department of Radiology. Fellow IMS.

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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 been doing research in various aspects of information and communication theory and related mathematical problems. He is presently Head of the Communications Analysis Research Department. He spent the year 1969-1970 visiting 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 also been a full- and part-time faculty member at Columbia University and the Polytechnic Institute of Brooklyn. He has been chairman of the Metropolitan New York Chapter of the IEEE Information Theory Group, has served as an associate editor of the Group's Transactions, and has served as co-chairperson of two international symposia. In 1976, he was president of the IEEE Information Theory Group. Fellow, IEEE; member, AAAS, Tau Beta Pi, Eta Kappa Nu, Sigma Xi.