

Contributors to This Issue

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Jacques A. Arnaud, Dipl. Ing., 1953, Ecole Supérieure d'Electricité, Paris, France; Docteur Ing., 1963, University of Paris; Docteur es Science, 1972, University of Paris; Assistant at E.S.E., 1953-1955; CSF, Centre de Recherche de Corbeville, Orsay, France, 1955-1966; Warnecke Elec. Tubes, Des Plaines, Illinois, 1966-1967; Bell Laboratories, 1967—. At CSF, Mr. Arnaud was engaged in research on high-power traveling-wave tubes and supervised a group working on noise generators. He is supervisor of a group currently studying microwave quasi-optical devices and the theory of optical wave propagation. Senior Member, IEEE; Member, Optical Society of America.

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Francis P. Duffy, B. A., 1965, King's College; M.S., 1968, Stevens Institute of Technology; Bell Laboratories, 1965—. Mr. Duffy has been involved in conducting transmission performance surveys of the toll telephone network. His activities have centered on computer applications and data analysis. Currently he is involved in studying the customer call attempt and network completion characteristics of the telephone network.

William B. Gardner, B.S., 1961, University of Alabama; Ph.D., 1968, Johns Hopkins University; Bell Laboratories, 1968—. Mr. Gardner has worked on nonlinear infrared devices and the electrical properties of backplane wiring. His present interest is in optical fiber communication systems. Member, IEEE, OSA.

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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.

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Kurt H. Mueller, E.E. Diploma, 1961, Ph.D. 1967, both from Swiss Federal Institute of Technology; Bell Laboratories, 1969—. Mr. Mueller has worked on various problems in the field of high-speed data communication. During 1972 and 1973 he was on leave of absence at the Swiss Federal Institute of Technology and was a member of the Executive Body of the European Informatics Network. He is presently involved in digital signal processing techniques for data transmission. Member, IEEE.

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T. W. Thatcher, Jr., B.S.E.E., 1942, Iowa State University; Bell Laboratories, 1942—. Mr. Thatcher formerly supervised a group working on objectives, field trials, and application information for short-haul FDM carrier telephone systems. For the last few years, he has supervised field measurement activities and reporting of results of telephone network performance surveys. Member, IEEE.