

Contributors to This Issue

Anthony S. Acampora, B.S.E.E., 1968, M.S.E.E., 1970, Ph.D., 1973, Polytechnic Institute of Brooklyn; Bell Laboratories, 1968—. At Bell Laboratories, Mr. Acampora initially worked in the fields of high power microwave transmitters and radar system studies and signal processing. Since 1974, he has been studying high capacity digital satellite systems. His current research interests are modulation and coding theory, time diversion multiple access methods, and efficient frequency re-use techniques. Member, Eta Kappa Nu, Sigma Xi, and IEEE.

William C. Ahern, B.S.E.E., 1956, Newark College of Engineering; M.S.E.E., 1961, New York University; Bell Laboratories, 1959–1977. Mr. Ahern first worked on air defense and communication systems. In 1966 he became supervisor of a network planning group. From 1968 to 1971 he supervised a government network simulation and analysis group. From 1971 until his death in 1977, he supervised surveys of loop signal power and quality of network service.

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.

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 statistical surveys to determine telephone network performance and customer behavior characteristics. Currently, he is involved in studying customer trouble reports.

David D. Falconer, B.A.Sc., 1962, University of Toronto; S.M., 1963, and Ph.D., 1967, Massachusetts Institute of Technology; post-doctoral research, Royal Institute of Technology, Stockholm, 1966–1967; Bell

Laboratories, 1967—. Mr. Falconer has worked on problems in communication theory, and high-speed data communication. During 1976-77 he was a visiting professor of electrical engineering at Linköping University, Linköping, Sweden. He presently supervises a group working on digital signal processing for speech bit rate reduction. Member, Tau Beta Pi, Sigma Xi, IEEE.

G. S. Fang, B.S.E.E., 1967, National Taiwan University; Ph.D. (E.E.), 1971, Princeton University; Computer Sciences Corporation, 1971-72; Bell Laboratories, 1972-1977. At Bell Laboratories, Mr. Fang worked on high-speed digital transmission, protection switching, and micro-processor applications. Since the fall of 1977, he has been with the Department of Electrical Engineering, National Taiwan University, Taipei, Republic of China.

Ben Gotz, B.E.E., 1966, The City College of New York; M.E.E., 1968, and Ph.D., 1971, New York University; Bell Laboratories, 1966-1969, 1971—. Mr. Gotz is engaged in studies related to speech coding for bit rate compression.

James A. Maher, B.S., 1962, Seton Hall University; M.S., 1969, Ph.D., 1973 (Applied and Mathematical Statistics), Rutgers University; instructor, Rutgers University, 1970-1973; Bell Laboratories, 1973—. Mr. Maher has been involved in planning statistical surveys designed to characterize network performance. He is presently involved in studies dealing with characterizing customer expectations and perceptions of network service. Member, ASA, ASEE, and Sigma Xi.

E. J. Messerli, B.A. Sc. (E.E.) 1965, University of British Columbia; M.S. (E.E.) 1966, Ph.D. (E.E. and C.S.) 1968, University of California, Berkeley; E.E. & C.S. faculty, Berkeley, 1968-69; Bell Laboratories, 1969—. Mr. Messerli has been primarily involved in systems analysis and network planning. His work includes studies on the demand assignment of capacity for a domestic satellite system, on the impact of faulty trunks on customers and the network, and on the worth of more accurate data for trunk provisioning. He is currently supervisor of a group concerned with planning for the integrated measurement of network performance; Member, IEEE, ORSA.

Debasis Mitra, B.Sc. (E.E.), 1964, and Ph.D. (E.E.), 1967, London University; Bell Laboratories, 1968—. Mr. Mitra has worked on stability analysis on nonlinear systems, semiconductor networks, computer memory management, analysis of queues in communication systems, growth models for new communication services, and adaptive systems. Most recently he has been involved in the analysis of speech coders and digital filters. Member, IEEE and SIAM.

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