

Contributors to this Issue

VACLAV E. BENEŠ, A.B., 1950, Harvard College; M.A. and Ph.D., 1953, Princeton University; Bell Telephone Laboratories, 1953 —. Mr. Beneš has been engaged in mathematical research on stochastic processes, traffic theory, and servomechanisms. In 1959–60 he was visiting lecturer in mathematics at Dartmouth College. Member American Mathematical Society, Association for Symbolic Logic, Institute of Mathematical Statistics, Society for Industrial and Applied Mathematics, Mind Association, Phi Beta Kappa.

D. G. HAENSCHKE, Dipl. Ing., 1953, Technical University of Vienna; Institute for Telecommunication, Vienna University, 1953–1955; Bell Telephone Laboratories, 1955—. At Bell Laboratories Mr. Haenschke was concerned with air traffic control communication problems, including the integration of civil and military air traffic control systems. Later he was engaged in planning for the data switching and communications aspects of the Nike-Zeus anti-missile system, and more recently his work has been on long range systems studies for direct distance dialing (DDD) service. Member, IEEE.

ARTHUR E. KERWIEN, B.S. in Physics, 1926, Union College; M.S., 1947, Stevens Institute of Technology; Bell Telephone Laboratories, 1926 —. He first engaged in research on radio transmission and transmitter circuit problems, including applications of negative feedback in high-frequency radio transmitters. During World War II he was concerned with special research and development problems in radar and countermeasures. He later worked on development of SSB radio transmitters and receivers for Overseas Radiotelephone Services and on circuit problems in development of the personal radio signaling receiver. He is currently involved in development problems of existing and new microwave radio relay systems. Senior member, IEEE.

ROBERT LEE PEEK, Jr., A.B., 1921, Columbia College; Met. E., 1923, Columbia University School of Mines; Bell Telephone Laboratories, 1924 —. His early work was in materials analysis and testing. Since 1936

he has been chiefly engaged in switching apparatus development projects, including the wire-spring relay, sealed contacts, and ferreeds. During World War II Mr. Peek worked on underwater ordnance and magnetostriction sonar. In 1951 he was placed in charge of analytical and exploratory studies of electromagnetic devices, and he is currently a department head responsible for consulting engineering in switching apparatus. Member, IEEE.

DAVID SLEPIAN, University of Michigan, 1941-43; M.A., 1947, and Ph.D., 1949, Harvard University; Bell Telephone Laboratories, 1950 —. He has been engaged in mathematical research in communication theory, switching theory, and theory of noise, as well as various aspects of applied mathematics. He has been mathematical consultant on a number of Laboratories' projects. During the academic year 1958-59, he was Visiting Mackay Professor of Electrical Engineering at the University of California at Berkeley. Member A.A.A.S., American Mathematical Society, Institute of Mathematical Statistics, IEEE, Society of Industrial and Applied Mathematics, U.R.S.I. Commission 6.

LEON H. STEIFF, B.S.M.E., 1946, Northeastern University; Bell Telephone Laboratories, 1956 —. His first assignment was equipment design for P1 carrier, the first Bell System fully transistorized carrier system. He has since worked on wideband data transmission system development and the 150-mc pocket radio receiver. He currently supervises a group engaged in mechanical design of short-haul carrier systems; the group is also responsible for introducing new materials and techniques for Bell System use. Member, A.S.M.E.; Registered Professional Engineer, Massachusetts.

DONALD E. THOMAS, B.S. in E.E., 1929, Pennsylvania State University; M.A., 1932, Columbia University; Bell Telephone Laboratories, 1929 —. His early work was in development of repeatered submarine telephone cable systems. He later turned to sea and airborne radar development. During World War II, he served in the Signal Corps and the Air Force, and was a member of the Joint and Combined Chiefs of Staff Committees on Radio Countermeasures. When he returned in 1946, he took part in development and installation of the first deep-sea repeatered submarine telephone cable system. From 1950 to 1955 he was engaged in development and evaluation of new semiconductor devices. Since 1955 he has been interested in electrical feasibility studies of new solid-state devices and the application of electronic techniques to basic solid-state and optical maser research. Senior member, IEEE; member, Tau Beta Pi and Phi Kappa Phi.