Authors

Arthur G. Anderson

B.S. in Physics, University of San Francisco, 1949; M.S. in Mathematics, Northwestern University, 1951. Joined IBM in 1951 and has been a member of the technical staff at Watson Research Laboratory since 1953. Research fields: instrumentation, electronic computers, solid state physics. Member of American Physical Society and associate member of the IRE.

Bernard J. Greenblott

B.M.E., Clarkson College of Technology, 1952; M.M.E., Syracuse University, 1956. Joined IBM in June 1952 and has been engaged in the design and development of electromagnetic devices at the Endicott Product Development Laboratories. He is a member of Pi Tau Sigma.

James S. Hanson

B.S., Illinois Institute of Technology, 1949; also studied at Harvard University and Massachusetts Institute of Technology. Since joining IBM in 1951, has worked at Poughkeepsie Research Center in magnetic read-write head development, germanium processing, transistor development, semiconductor device fabrication problems and microtechniques. Is member of Tau Beta Pi and Eta Kappa Nu.

Rolf Landauer

A.B., 1945, A.M., 1947 and Ph.D., 1950, Harvard University. National Advisory Committee for Aeronautics, 1950-52. Located in the Poughkeepsie Research Center, he joined IBM in 1952 and has been active in theoretical solid-state research since that time.

Peter A. Lewis

B.A., Columbia College, 1954; B.S. in Electrical Engineering, Columbia University, 1955; M.S. in Electrical Engineering, Columbia University, 1957. Joined IBM in 1955 and has been engaged in digital computer research at the Watson Research Laboratory. He is a member of Tau Beta Pi and IRE.

Peter J. Price

Studied physics at Oxford and Cambridge Universities, obtaining a Ph.D. in theoretical physics from the latter in 1951. Subsequently research assistant to the late Fritz London at Duke University, and a member of the Institute for Advanced Study at Princeton before joining IBM in 1953. Since then he has been a member of the physics group of Watson Research Laboratory at Columbia University. Principal technical interests are quantum theory, statistical mechanics and thermodynamics; principal fields of research are liquid helium and semi-conductors.

Donald E. Rosenheim

B.S.E.E., Polytechnic Institute of Brooklyn, 1949; M.S.

in Electrical Engineering, Columbia University, 1957. Joined the IBM Poughkeepsie laboratories in 1951 and was associated with the development of the IBM 701. He has been at the Watson Research Laboratory since 1953 and has been engaged in digital computer research. He is a member of Tau Beta Pi, Eta Kappa Nu, Sigma Xi, and is a senior member of the IRE.

Richard F. Rutz

A.B., Shurtleff College, 1941; M.S. Physics, State University of Iowa. 1947. Joined IBM in 1951 and is engaged in semiconductor device research at the Research Center in Poughkeepsie. Member of American Physical Society, IRE and Sigma Xi.

William V. Smith

A.B. Physics, 1937, M.A. Physics, 1939, Ph.D. Physics, 1941, Harvard University. Staff Member, MIT Radiation Laboratory 1942-45, engaged in research on microwave magnetrons. Assistant and Associate Professor of Physics and Associate Director of microwave spectroscopy laboratory, Duke University, 1946-51; Professor of Physics and Department Chairman, University of Delaware, 1951-56. Joined IBM Research Center at Poughkeepsie in June 1956 as Advisory Physicist in charge of microwave laboratory. Fellow, American Association for Advancement of Science and American Physical Society. Member, Phi Beta Kappa, Sigma Pi Sigma, Sigma Xi, Pi Mu Epsilon.

Paul Tasman

Attended Brooklyn College; joined IBM in 1933 at Endicott and worked as designer in Special Products Engineering and also on numerous development projects. Later was engaged in special research in New York Sales Department and made sales engineering analyses of future demands. Was transferred to IBM World Trade Corporation in 1949 and is now Manager of Sales Engineering.

Joseph E. Wallace

B.S. in Physics, University of Scranton, 1950; M.S. in Physics, Fordham University, 1951. Joined IBM in 1951 and is now engaged in design and development of electromagnetic devices at Endicott Product Development Laboratories.

Robert M. Walker

Staff Member, Radiation Laboratory, MIT, 1942-45; is staff member at the Watson Research Laboratory, which he joined in 1946. Adjunct Associate Professor of Electrical Engineering, Columbia University, 1953-1955. Member of American Physical Society and Senior Member of IRE.

292