

Authors

Douglas C. Antonelli

System Development Division, Research Triangle Park, North Carolina.

Engineering psychology (Ph.D., North Carolina State University, 1973). Joined IBM in Rochester, Minnesota in 1966. He has participated in the development of IBM optical character readers, System/3, and the Brokerage System. His current responsibilities include the specification and testing of man/machine interface parameters for the Supermarket and Retail Store Systems.

Murray A. Berk

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Electrical engineering (M.S.E.E., Stevens Institute of Technology, 1961). Joined IBM in Poughkeepsie in 1961. Engaged in communication system design and analysis for large teleprocessing systems in the airline and railroad industry areas and then was involved in the development of communications architecture for the System/360 and 270X multiplexers. Moved to Raleigh and became planning manager for 270X products in 1965 and was responsible for the development of Binary Synchronous Communications. Later was involved in development of communications architecture and business planning in the communication system area. Since late 1970, he has been involved in the system design and performance analysis of the Supermarket and Retail Store Systems. Currently, he is manager of the System Development Department—Distribution Industry.

Curtis W. Dunbar

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Business (B.S., Eastern Illinois University, 1961). Joined IBM in 1963 as a systems engineer. In 1966, became a marketing representative in Chicago. Moved to Raleigh in 1973 to work in the systems design and performance analysis group for the Retail Store System. Currently he is manager of the Subsystem Performance-Distribution Department, responsible for Supermarket and Retail Store System performance.

Richard O. Hippert, Jr.

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Electrical engineering (B.S., Virginia Polytechnic Institute, 1961). He joined IBM in 1965 after working for three years as a test and application engineer at ITT. Since joining IBM, he has been involved in the development of a number of products, the most recent being the Supermarket System. He is currently an Advisory Engineer in the Supermarket and Retail Store Systems controller development group.

G. Carder Hobson

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Mathematics (B.S., Kansas State University, 1964). He joined IBM in 1964 at Rochester, Minnesota. In 1967, he transferred to Raleigh, and following a period of management, he now is a staff engineer in the technical area of Retail Store System performance measurement.

Henry T. Huth, Jr.

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Electrical engineering (B.S., Illinois Institute of Technology, 1959). Joined IBM in 1966 in the Federal Systems Division at Huntsville, Alabama as a test engineer. He spent three years as electronic manager for the development of automatic fare collection equipment for the Bay Area Rapid Transit. He joined the Retail Store System program in 1971 and is presently a terminal development engineering manager on this program.

George J. Laurer

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Electrical engineering (B.S., University of Maryland, 1951). Joined IBM in 1951 and worked in Special Systems Engineering on a multitude of projects, ranging from electromechanical EAM equipment, vacuum tube equipment, and transistorized equipment such as the input/output control unit for the IBM 7070 computer system. Was then manager of technical services for the Information Records Division. Presently engaged in systems engineering and development of terminal systems.

Paul V. McEnroe

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Electrical engineering (D. Eng., Stanford University, 1972). Joined IBM in 1960 at San Jose as an associate engineer working on scanning technologies. In 1965, he was a project engineer for facsimile development in Los Gatos. After managing a high-speed xerographic printer project, he was responsible for image display system engineering and later became manager of educational terminal systems. In 1969, he became responsible for Supermarket and Retail Store Systems development programs in Raleigh. In 1974, he assumed his present position of Industries Engineering Manager at Raleigh.

Walter C. Metz, Jr.

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Electrical engineering (M.S., Duke University, 1968). Joined IBM in 1967 as a systems engineer in the Raleigh branch office. In 1971 he joined the System Development Division, where he has been involved in the performance aspects of the Supermarket System, with emphasis on simulation of the system using GPSS.

Eugene A. Moore

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Electrical engineering (B.S., North Carolina State University, 1967). Joined IBM in 1967. Worked in Custom Systems on the IBM Brokerage System and then on the Supermarket System. He is a project engineer responsible for supermarket terminal design.

Walter W. Morris III

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Electrical engineering (B.S., North Carolina State University, 1962). Joined IBM in 1967 as an engineer at Research Triangle Park. He worked in Custom Systems until joining the Supermarket Group. His duties have been design of the communication adapters and associated microcode for the Supermarket Terminal and Store Control Unit. He is now the manager of the Controller I/O Development department.

Lubos R. Palounek

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Electronics (Dipl. Ing. Degree, Czech Technical University, 1958). With Telecommunication Research Institute in Prague, Czechoslovakia before joining IBM in 1965. Worked on the System/360, Model 85 project and participated in studies of self-diagnostic terminals. Currently a staff engineer engaged in Supermarket and Retail Store Systems maintainability.

John Provetero

System Development Division, Research Triangle Park, North Carolina.

Industrial engineering (M.S., Stevens Institute of Technology, 1954). He joined IBM in 1950 and after five years in Field Engineering, subsequently became manager of the Product Field Engineering group. Thereafter he was involved in development and product engineering of various communications products in positions of engineering and management. He has worked in a communications product performance group and has performed extensive studies on telephone line availabilities. He then joined the consumer transactions system group, performing an availability study of the Supermarket System before his current work in the development of the store controller.

David Savir

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Operations research (M.S., University of California, Berkeley, 1965). Joined IBM in 1967 as an operations research analyst. Since 1971 has been working on the Supermarket System, including the development of the IBM proposal for the UPC code and symbol.

Ralph O. Skatrud

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Mathematics (B.A., Luther College, 1951). A communications and electronics officer in the U. S. Air Force before he joined IBM in 1954 as a technical engineer with the SAGE System. Later was manager of engineering education associated with the SAGE program until becoming a staff engineer in new business planning. In 1963, he was manager of the engineering department producing special equipment for NASA, Houston. After becoming an advisory engineer, he worked on display terminals until 1969 when he began his current work on communications-based subsystems.