

Authors

Abel M. Bomberault

Mathematics Department, Brooklyn College, Brooklyn, New York.

Mathematics (Ph.D., Carnegie-Mellon University, 1956). With the AEC Computing Center-Courant Institute at New York University for two years. Joined IBM in 1958 and was active in the areas of transportation, operations research, symbolic differentiation, and numerical analysis for partial differential equations. He left IBM in 1966 to join Simulmatics Corporation and was involved in the use of computers for sociological and urban problems. Currently Assistant Professor of Mathematics at Brooklyn College working on computer-aided instruction.

David A. Coryell

Systems Development Division, Endicott, New York.

Electrical engineering (M.S., Oklahoma State University, 1961). Worked on the installation and testing of aircraft electronics at McDonnell-Douglas Aircraft Company and as an instructor at Oklahoma State University before joining IBM in 1961. He participated in the design of data communication equipment in the special systems area and is now in product planning for custom systems.

Allan S. Goodman

Research Division, Thomas J. Watson Research Center, Yorktown Heights, New York.

Electrical engineering (M.S., New York University, 1966). Performed error analyses for aerospace vehicle guidance systems for General Precision Aerospace (GPI) and Bendix Corporation. Since joining IBM in 1966, he has been an applications programmer with emphasis on large scale scientific computation.

Herbert Hellerman

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Electrical engineering (Ph.D., Syracuse University, 1955). Held faculty positions at Syracuse University and the University of Delaware before joining IBM in 1959. Since then has worked on architecture and programming of time-sharing and multiprogramming systems. Presently responsible for a systems evaluation group in systems research and Adjunct Professor at New York University.

Peter A. W. Lewis

Research Division, Thomas J. Watson Research Center, Yorktown Heights, New York.

Statistics (Ph.D., University of London, 1964). Since joining IBM in 1955, he has worked in areas of reliability, information retrieval, and tape drive and high-speed computer development. As a research staff member, he investigated stochastic processes, emphasizing inference problems associated with time series and point processes (series of events). Currently on leave of absence at Imperial College, University of London, on an NIH Special Fellowship.

James M. Miller

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Theoretical chemistry (Ph.D., University of Texas, 1957). Was in operations research for Esso Research and Engineering before joining IBM in 1960. Has worked on several problems in the field of medical research. Presently active in questionnaire construction and in the field of storage and analysis of questionnaire type data.

Joseph F. Ruggiero

Systems Development Division, Poughkeepsie, New York.

After joining IBM in 1960, Mr. Ruggiero was involved in developing programming support for process control and design automation. In 1967, he joined custom systems programming, where he designed and assisted in the implementation of the Array Processor Access Method. He is currently developing programming support for new custom system equipment.

William W. White

Data Processing Division, Scientific Center, New York, New York.

Engineering science, operations research (Ph.D., University of California at Berkeley, 1966). Joined IBM in 1966 and has been involved in management science applications in the field of transportation. At the present time, he is engaged in the development of algorithmic techniques for advanced mathematical programming.