# **Authors**

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Mathematics (M.S., Massachusetts Institute of Technology, 1961). Joined IBM France in 1963. Assigned to IBM Data Processing Division in Kingston, New York, for two years in areas of mathematical analysis of teleprocessing systems, system/360 channel interference, and simulation. Currently responsible for installation of system/360 for large-scale scientific accounts within France.

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Electrical engineering (B.S.E.E., Pennsylvania State University, 1949). Since joining IBM in 1954, has worked on the system test of large military air-defense computers; simulation of optimum file disciplines and communication control programs; and analysis of SYSTEM/360 channel interference and communication network limitations. Currently engaged in development of multiprogramming systems in systems marketing techniques development.

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Electrical engineering (B.S., University of Wisconsin, 1953). With Wisconsin Telephone Company and Allis-Chalmers Mfg. Co. in feedback control, systems design, and analog computing before joining IBM in 1957. Received an IBM invention achievement award in 1961. Has worked in teleprocessing system design and systems analysis areas. Currently manager of a systems group in the area of systems marketing techniques development.

## Philip H. Seaman

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### Kenneth C. Williams

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## Robert J. Williams

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Electrical engineering (B.S., University of Maine, 1956). Joined IBM in 1956 in the design and analysis of complex teleprocessing systems. As manager of systems techniques and simulation in the systems marketing techniques development department, he is currently responsible for the development of general- and special-purpose simulation systems.

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