

## Authors

### David T. Brown

*Systems Development Division, Poughkeepsie, New York.*

Electrical engineering (M.S., Massachusetts Institute of Technology, 1959). Joining IBM in 1959, he has been involved with the enhancement of computer systems reliability using error-correcting codes and other redundancy techniques. Presently he is evaluating new systems concepts using queuing theory and simulation.

### Peter H. Callaway

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Electrical engineering (E.E., Sheffield University, England, 1963). After four years experience in computer engineering and logic design, he transferred to systems programming by joining the Large Scale Systems Design Center at the IBM United Kingdom laboratories. There he worked on the design and implementation of message switching and airline reservation systems and real-time terminal systems. For one year he was assigned to the early installation group for TSS/360 at Yorktown Heights as an anchor man for European accounts and subsequently joined the Research Center in 1969. Presently, he is a staff member of the Computing Systems Department where he has specialized in measurement and analysis of the performance of the CP-67 installed at the Research Center.

### James P. Considine

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Physical chemistry (Ph.D., Polytechnic Institute of Brooklyn, 1962). Joined IBM in 1966 as a scientific programmer. Became system programmer on TSS/360 and manager of system programming group at the Research Center. Currently manager of resource optimization group in the Computing Center, working in modeling and measurement of systems.

### Robert L. Eibsen

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Electrical engineering (B.S., Rensselaer Polytechnic Institute, 1949). Before joining IBM in 1951, he worked on electronic process control at Honeywell, Incorporated. In IBM, he worked on the development of an experimental transistorized version of the IBM 604 and on the development of the IBM 7044 system. Currently he is involved with systems evaluation.

### John W. Pomeroy

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Political science (B.A., University of Florida, 1961). Before joining IBM in 1966 as an application programmer, he worked at IIT Research Institute on information storage and retrieval systems for large data bases. His projects in IBM have included work on a common manufacturing information system. Since 1969 he has been involved in long-range data processing systems planning for all divisions of IBM.

**Rudolph N. Rechtschaffen**

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Mathematics (Ph.D., New York University, 1970). Prior to joining IBM in 1963, he held engineering positions at the Brookhaven National Laboratories, CEIR Incorporated, and at the MITRE Corporation. At IBM, he has marketed to large petrochemical accounts. He is currently a senior staff member of the IBM Systems Science Institute specializing in system design and analysis and in financial modeling.

**Donald N. Streeter**

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Applied physics (Ph.D., Harvard University, 1964). Joining IBM in 1951, he worked in dynamic analysis and instrumentation and as development engineer. Becoming a member of the Research Division in 1964, he served as Director of the Computing Systems Department, and is currently engaged in research and writing on computer utilization and management.

**Carol H. Thompson**

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Mathematics (M.S., Carnegie-Mellon University, 1965). Joined IBM in 1968. She has been involved in natural language inquiry, text editing, and man-machine interfaces. Currently, she is working on an information facility for on-line users.

**Caryl A. Thorn**

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Electrical engineering (B.S., University of Illinois, 1960). Since joining IBM in 1961, he has participated in the engineering design of main storage, processor, and peripheral storage for custom systems. Currently manager of the Input/Output Architecture development group responsible for I/O equipment for present and future systems.