

Authors

Allen L. Anthony

Systems Development Division, Kingston, New York.

Mechanical engineering (M.E., Stevens Institute of Technology, 1949). He joined IBM in 1949 as a customer engineer. Most of his assignments with IBM have been spent in programming and simulation. Since 1965, he has worked in system performance areas of time-sharing system design and more recently in the performance evaluation of access methods.

Jeremy A. Banham

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Mechanical sciences (M.A., Cambridge University, 1965). Worked for the British Aircraft Corporation on the in-service development of the VC.10. He became a graduate member of the Royal Aeronautical Society in 1965 and joined IBM that year as a systems engineer in the Finance District. Was joint senior designer on the project described in the paper coauthored with P. McClelland. Recently he has been teaching project management and is shortly to go on assignment to IBM Ireland to install a large banking system.

Wilbur D. Hagamen

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(M.D., Cornell University Medical College, 1951). Joined Cornell in 1949 as a member of the Department of Anatomy specializing in the behavioral field of neurophysiology. In addition to his work as Associate Professor of Anatomy, he has been involved in computer-assisted instruction and the development of A Tutorial System (ATS). Also, he is currently working on the development of an interactive graphics program for instructional use.

David J. Linden

Department of Anatomy, Cornell University Medical College, New York, New York.

Since joining Cornell in 1970, he has worked in the areas of artificial intelligence and natural language analysis. Currently, a programmer-analyst involved with the development of an interactive graphics program for instructional use, and enhancements to A Tutorial System (ATS).

Harvey S. Long

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Mathematics education (Ph.D., New York University, 1969). Since joining IBM in 1957, his work has been in the fields of self-instructional systems and computer-assisted instruction. He presently is an instructional systems consultant, advising computer users in the use of instructional systems.

Peter McClelland

IBM United Kingdom, Banking District, London, England.

Physics (B.Sc., Birmingham University, 1954). Engaged on military electronics development projects prior to joining IBM in 1966. Since then, he has been concerned with the development of large computer systems in the banking area with early work including extensive simulation studies. In 1969, he was jointly responsible with coauthor J. A. Banham for the design of the system described in their paper. Currently he is working with one of the major British banks in formulating their long-term data processing plans.

Harry K. Watson

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Electrical engineering (B.S., University of Colorado, 1949). He was an instructor for the U.S. Air Force before joining IBM in 1951 as a customer engineer. Since 1961, he has worked in teleprocessing and time-sharing system design in Poughkeepsie and Kingston. Currently his assignment includes simulation of large-system hardware and software in conjunction with system design and system performance evaluation.

John C. Weber

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(D.D.S., Columbia University Dental College, 1965). Joined Cornell in 1965 as a post-doctoral fellow. In addition to his position as Assistant Professor of Anatomy, he is involved in the development of computer-assisted instruction systems and natural language analysis at Cornell.