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1953

## Resume of Mitchell Lavette Cotton, 1953

Cotton, Mitchell Lavette

Monterey, California: Naval Postgraduate School

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## RESUME OF MITCHELL L. COTTON

Mitchell Cotton was born at Manila, P.I. in 1923 and attended the California Institute of Technology, where he pursued the course in Engineering. He received the B.S. degree in 1948.

For a year following graduation he was employed by Western Union Telegraph Company where his work was concerned with design of automatic switching systems.

In 1949 he enrolled as a graduate student in Sever Institute of Technology, Washington University, St. Louis, Missouri. His research was performed in the field of analog computing devices under the direction of Professor Pierre M. Honnell, and he received the degree of Master of Science in 1951.

Further graduate work followed at the University of California, Berkeley. His research was in the field of digital computing systems under the direction of Professor Paul M. Morton. While at the University of California he served on the staff of the Computation Center and was instrumental in the design of the CALDIC, one of the first large-scale electronic digital computers. He received the degree of Electrical Engineer in 1954.

Since 1953 he has been a member of the faculty of the Naval Postgraduate School where he is an Associate Professor of Electrical Engineering. He has been responsible for the institution of a curricular option in Information and Control Systems serving the need of the naval service for advanced education in the area of computer-oriented technology. His research interests are concerned with the design and use of advanced computer systems, especially the area of man-machine communication for tactical data processing and command control systems.

Prof. Cotton's professional activity includes service as a consultant to industry in the field of computers and communications. Among the organizations he has served on various special projects have been Firestone Tire & Rubber Co., Dalmo Victor Corp., Cubic Corp., Del Monte Technical Associates, and IBM Corp.

He is a member of the Institute of Radio Engineers and the Association for Computing Machinery.

