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1991-07

## Resume of Maurice Dean Weir, 1991-07

Weir, Maurice Dean

Monterey, California: Naval Postgraduate School

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## RESUME OF MAURICE DEAN WEIR

Maurice D. Weir was born in Seattle, Washington, in 1939. He attended Whitman College at Walla Walla, Washington, where he majored in mathematics. He received the degree of Bachelor of Arts in June 1961.

Graduate study followed at Carnegie Institute of Technology (now Carnegie-Mellon University), Pittsburgh, Pennsylvania, where he received the degree of Master of Science in mathematics in June 1963.

The year following graduation he joined the faculty of Whitman College where he remained for three years. In September 1966 he returned to Carnegie-Mellon University where he received the degree of Doctor of Arts in mathematics in June 1970. His research in the field of realcompact spaces and rings of continuous functions was under the direction of Professor Richard A. Alo. He is the author of several books including HEWITT-NACHBIN SPACES (1975), SELF-STUDY MANUAL FOR CALCULUS AND ANALYTIC GEOMETRY (1979), CALCULATOR CLOUT (1981), and CALCULUS BY CALCULATOR (1982).



In August 1969, he joined the faculty of the Naval Post-graduate School, Monterey, California, where he is teaching in the Department of Mathematics. He is actively engaged in methods to improve mathematics education including self-instructional systems, the use of hand-held programmable calculators and microcomputers, and mathematical modeling. He has written numerous Study Guides in Pre-calculus, Calculus, and Linear Algebra for the NPS Office of Continuing Education, as well as course Lecture Notes in Logic and Set Theory, Multi-variable Calculus, and a manual on the use of the TI-59 calculator. He has given several invited addresses on the Personalized System of Instruction, served on the editorial board of PSI Journal, and given numerous invited lectures on using calculators.

He is a member of the American Mathematical Society, the Mathematical Association of America, the Society of Sigma Xi, and the Analysis and Computation Panel of the Undergraduate Mathematics and its Application Project (UMAP).

In May 1991, Prof. Weir was appointed Associate Dean of Faculty and Graduate Studies.