



Robert Grover Brown

B.S., M.S., Ph.D., Electrical Engineering, 1948, 1951, 1956

After working a short time in industry, Robert Grover Brown established a lifelong career at ISU as a Professor of Electrical Engineering. His work in integrated navigation systems led to extensive research in applying Kalman Filtering to navigation problems. Brown co-authored several textbooks, with later editions of his Kalman Filtering textbook (1982) still widely used. He was a pioneer in VLF/Omega navigation, and he made extensive contributions to GPS, particularly in the areas of integrity monitoring and satellite geodesy. Brown served as a navigation specialist for a number of companies and organizations throughout his career. He was a Fellow of the Institute of Navigation (ION), was an Associate Editor for *NAVIGATION* for decades and co-chaired an RTCA RAIM working group. Brown received the ION Weems and Burka Awards and was also an IEEE Fellow, receiving the IEEE AESS Kershner Award. He took his role as an educator seriously, with many of his Ph.D. students going on to prominent careers.

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