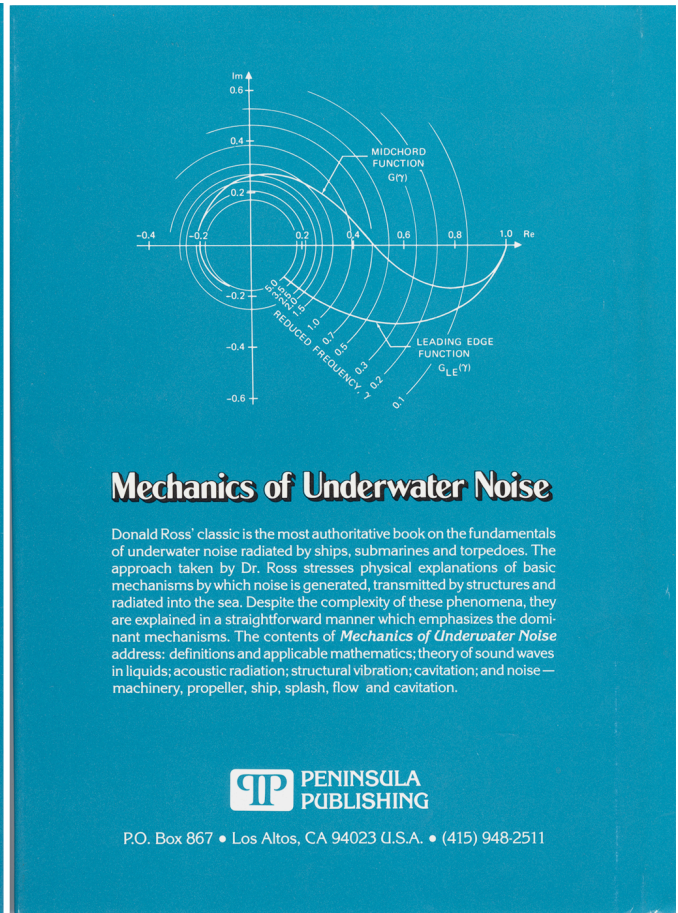
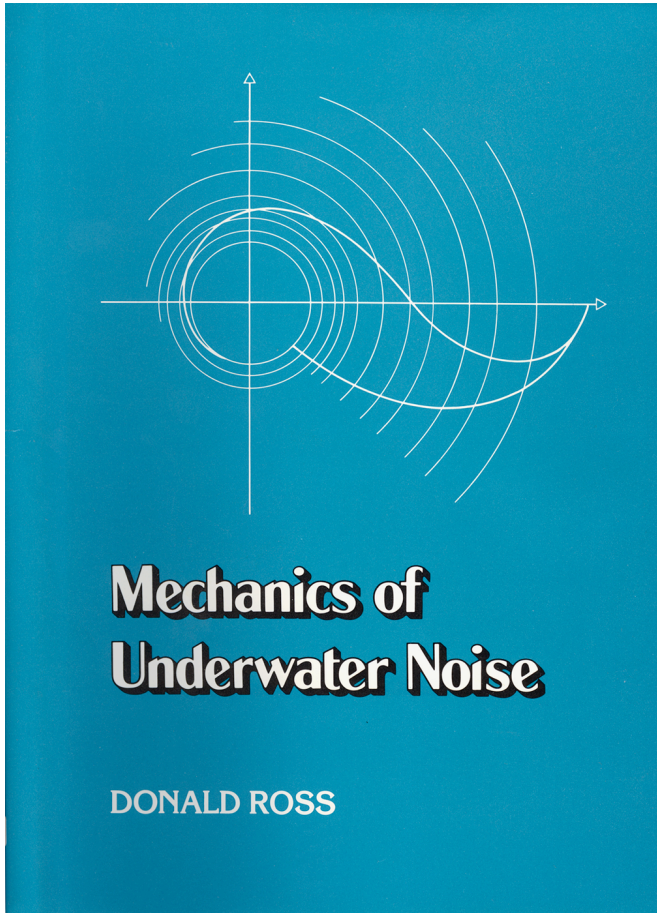


MECHANICS of UNDERWATER NOISE

And fly leaf about the author



This is the jacket for the hard copy version of the reprinted book. The original was printed by Pergamon Press in 1976.

Mechanics of Underwater Noise

ABOUT THE AUTHOR

Donald Ross, Ph.D. — Scientist, educator, author and leading authority in the field of underwater noise, Dr. Ross received his undergraduate and graduate degrees in Physics from Harvard University. In his first position, at the Ordnance Research Laboratory at the Pennsylvania State University, he contributed to the design of the Garfield Thomas Wafer Tunnel and conducted research in the areas of propeller design, cavitation and turbulent boundary layer problems. In 1953, Dr. Ross joined Bell Laboratories at Whippany, New Jersey where he worked on submarine sonar design, the development of the Navy's SOSUS shore-based underwater sound detection system, and gaining understanding of ambient noise in the sea. From 1958 to 1964 at Bolt, Beranek and Newman, Dr. Ross directed efforts on submarine silencing, constrained layer damping and the noise mechanisms of marine diesel engines. After that, he headed the Ships Acoustics Department of the U.S. Navy's David W. Taylor Naval Ship Research and Development Center at Carderock, Maryland. In the years 1971 to 1982, Dr. Ross was with Tetra Tech, Inc. where he served as Assistant to the President and later as a Vice President of Tetra Tech Services with three years leave to serve as Deputy Director of the NATO ASW Center at La Spezia, Italy. Today, through his own company, Dr. Ross conducts short courses in underwater acoustics and noise and, in association with Planning Systems, Inc. of McLean Virginia, provides consulting services to the U.S. Navy.