

摘要: Principles of Underwater Sound by Robert J. Urick is the most widely used book on underwater acoustics and sonar published today. In, Colladon and Sturm (1) measured the speed of sound in Lake Geneva, and obtained results surprisingly close to modern values. For more than three ades this book has been the standby of practicing engineers, scientists, technicians, underwater systems managers, teachers and students Check out the new look and enjoy easier access to your favorite features absorption Acoust ambient noise amplitude array attenuation average backscattering band bandwidth beam pattern bottom bubble Calibration cavitation coefficient curves ibels deep Defense Res density detection threshold directivity index distance duration dyne/cm² effect elements energy explosive flow noise function gradient grazing angle Underwater Acoustic Modeling and Simulation examines the translation of our physical understanding of sound in the sea into mathematical models that can simulate acoustic propagation, noise and reverberation in the ocean. Many years later, in response to the needs of radioacoustic ranging and depth sounding, the References for Ocean Acoustics, Underwater Sound Finn B. Jensen, William A. Kuperman, Michael B. Porter, and Henrik Schmidt. Principles of Underwater Sound LO: Apply characteristics of sound in water to calculate sound levels Principles of underwater sound /-3rd ed. These models are used in a variety of research and operational applications to predict and diagnose the performance of The earliest quantitative studies in underwater sound were concerned with the speed of sound in natural bodies of water. For more than three ades this book has been the standby of practicing engineers, scientists, technicians, Principles of Underwater Sound by Robert J. Urick is the most widely used book on underwater acoustics and sonar published today. The detailed index pinpoints data and explanations instantly Principles of Underwater Sound LO: Apply characteristics of sound in water to calculate sound levels Published in under title: Principles of underwater sound for engineers Includes bibliographies and index Principles encapsulates the fundamental principles and the various phenomena of underwater sound as they apply to sonar equation, the heart of prediction of sonar performance and the Principles encapsulates the fundamental principles and the various phenomena of underwater sound as they apply to sonar equation, the heart of prediction of sonar performance and the quantitative assessment of effectiveness of a sonar's target detection capability Computa-tional Ocean AcousticsPublished in under title: Principles of underwater sound for engineers Includes bibliographies and index Principles encapsulates the fundamental principles and the various phenomena of underwater sound as they apply to sonar equation, the heart of prediction of sonar performance and the Principles encapsulates the fundamental principles and the various phenomena of underwater sound as they apply to sonar equation, the heart of prediction of sonar performance and the quantitative assessment of effectiveness of a sonar's target detection capability Principles of Underwater Sound provides numerical, quantitative data for the solution of practical problems figures; tables; references. 喜欢阅读量: 作者: Urick, RobertJ. 展开.