

Download Sonar For Practising Engineers

The aims of the book - written by a practising engineer for practising engineers - are to provide an understanding of the basic principles of sonar and, to develop formulae and "rules of thumb" for sonar design and performance analysis. Excellent desk reference for needed formulas and acoustic principles review. This book is a great addition to the library of any engineer working in underwater acoustics. Sonar for Practising Engineers. The first book exclusively on sonar and sonar technology. Written by an engineer (with over 40 years of experience in the field) for engineers. Taking an engineering approach rather than a physics/math one it provides an understanding of the basic principles of sonar and develops the formulae and "rules... Noise in Sonar Systems. Reverberation. The Sonar Equations. Passive Sonar. Active Sonar. Echo Sounding and Side Scan Sonars. Mine Hunting Sonars. Intercept and Communications Sonars. Active Sonar Design. Conclusion. Solutions to Problems. Index.