



## Digital sonar design principles (English) (Fine)

By -

paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 641 Publisher: Zhejiang University Pub. Date :2011-09-01 version 1. Sonar Digital Design Principles (English): Digital Sonar Design in Underwater Acoustics Principles and Applications Digital Sonar Design in Underwater Acoustics Principles and Applications provides comprehensive and up-to-date coverage of research on sonar design. including the basic theory and techniques of digital signal processing. basic concept of information theory. ocean acoustics. underwater acoustic signal propagation theory. and underwater signal processing theory. This book discusses the general design procedure and approaches to implementation. the design method. system simulation theory and techniques. sonar tests in the laboratory. lake and sea. and practical validation criteria and methods for digital sonar design. It is intended for researchers in the fields of underwater signal processing and sonar design. and also for navy officers and ocean explorers. Sonar Digital Design Principles (English) Author Qihu Li. Contents: 1ief History of Digital Sonar Development 1.1Evolution of Digital Sonar Systems 1.2Main Features of Digital Sonar 1.3Today and Tomorrow of Digital Sonar References 2Basic Theory of Digital Signal Processing 3Detection and Estimation Theory of Digital Signals 4General Principles of Sonar Design. 5Design of Digital Sonar 6Implementation Methods...



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