

Transducers And Arrays For Underwater Sound The Underwater Acoustics Series



Transducers And Arrays For Underwater

He has over 40 years experience in underwater sound transducers and arrays. Dr. John L. Butler is President and Chief Scientist at Image Acoustics, Inc. and has had over thirty five years of both practical and theoretical experience in the design and analysis of underwater sound transducers and arrays.

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underwater electroacoustic transducers and arrays as developed during the last half of the twentieth century and into the initial part of the twenty-first century. We have attempted to present a comprehensive coverage of the subject of transducers and arrays for underwater sound starting with a brief historical review and

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Transducers and Arrays for Underwater Sound (2nd ed.) (Modern Acoustics and Signal Processing series) by John L. Butler. Read online, or download in secure PDF format

Transducers and Arrays for Underwater Sound (2nd ed.)

After his retirement from the Sound Lab in 1988, he worked for Image Acoustics, Inc. and in 2007, co-authored the first edition of Transducers and Arrays for Underwater Sound, a technical monograph commissioned by the Office of Naval Research and the most comprehensive treatment to date of underwater transducers and arrays. [show more](#)

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an underwater transducer. This thesis describes the design, characterization, modeling and optimization of miniaturized flextensional transducers and arrays. The underwater behavior of the cymbal transducer was modeled using the finite element analysis code ATILA. It was found that the underwater response is strongly affected

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