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The Wave Theory of Sound - UMD Physics

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Acoustics, An Introduction to Its Physical Principles and Applications Allan D. Pierce Originally published in 1981; Reprinted in 1989
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Acoustics An Introduction To Its

Textbook introducing the physical principles and theoretical basis of acoustics, concentrating on concepts and points of view that have proven useful in applications such as noise control, underwater sound, architectural acoustics, audio engineering, nondestructive testing, remote sensing, and medical ultrasonics. Includes problems and answers.

Acoustics - an introduction

scattering (AD Pierce "Acoustics: An introduction to its physical principles and applications" Acoustical Society of America,1981). a Incident Scattering of a plane wave by a rigid immovable object. $P(r, \theta)$ (From Pierce 1981) Courtesy of Acoustical Society of America. Used with permission. 2. Diffraction

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His landmark book, Acoustics: An Introduction to its Physical Principles and Applications, is widely considered the definitive acoustics textbook. He is the Editor-in-Chief of the Acoustical Society of America, and past co-editor of the Academic Press series on Physical Acoustics and of the Journal of Computational Acoustics. Dr.