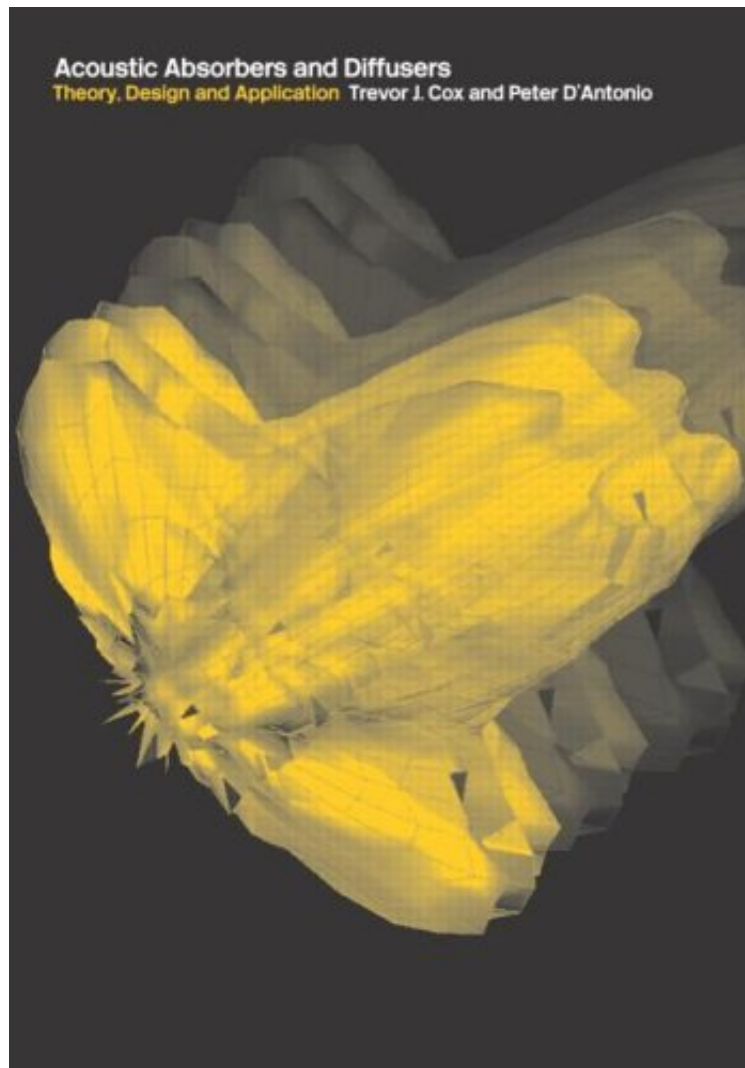


Acoustic Absorbers and Diffusers

Peter D'Antonio

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Peter D'Antonio : Acoustic Absorbers and Diffusers before purchasing it in order to gauge whether or not it would be worth my time, and all praised Acoustic Absorbers and Diffusers:

6 of 9 people found the following review helpful. Diffusers: in-depth discussionBy Walter KawaiThis book is more concentrated on diffusers than absorbers, with extensive care on Schroeder diffusers. Also it is more concentrated on acoustical physics than the discussion on various acoustic materials. Some peoples (like me) may find the chapter "Measurement of Absorber properties" exceptionally useful. To illustrate my point: you cannot find the terms "anechoic chamber" in the index.

Absorbers and diffusers are two of the main design tools for altering the acoustic conditions of a room, semi-enclosed

spaces and the outdoor environment. Their correct use is important for delivering high quality acoustics. The unique and authoritative text describes how to effectively measure, model, design, optimise and apply diffusers and absorbers. Surface diffusion is a relatively young subject area, and diffuser design, application and characterisation are new to practitioners and researchers, who may not have been exposed to this new information in their formal training. This book is a resource for new and experienced acousticians seeking an understanding of the evolution and current state of the art in diffuser research and practice. Absorption is a more established technology, and so the book blends traditional design with modern developments. By collecting the key aspects of absorbers in one text, the book offers new and experienced professionals an opportunity to understand this subject in more depth. This detailed book serves to cover the practical and theoretical aspects of absorbers and diffusers and is well illustrated, with examples of installations and case studies.

'We recommend this book to readers looking for an extensive and actualised view on the state-of-the-art on the subject. The authors are really in the front line of research, development and application.' - Gerrit Vermeir, *Acta Acustica* united with *Acustica* 'Any student or researcher dealing with room acoustics or sound control will want to have access to this important and well-written monograph. It is highly recommended for libraries serving programs in architecture and acoustics.' -Robert Michaelson, *E-Streams* Vol 7, No. 12