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Much time is spent working out how to optimize the acoustics of large rooms, such as auditoria, but the acoustics of small rooms and environments can be just as vital. The expensive sound equipment of a recording studio or the stereo in a car or living room is likewise rendered useless if the acoustic environment is not right for them.

Changes in wavelength to room size ratio and the time difference between the direct and reflected sound at the listening location mean that the acoustics of small spaces are quite different to those of large spaces. Tackling these specific aspects of physics, sound perception, and applications for small spaces, *Acoustics of Small Rooms* brings together important facets of small room acoustics. Divided into clear sections, it covers:

Sound propagation_the effects of boundaries, sound absorbers, and time conditions

Physiology and psychoacoustics

Methods and techniques of room and sound field optimization

Examples of how these principles apply in real situations

Measurement and modeling techniques