

From Reverberation Time equations to room acoustic simulations

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ABSTRACT

Acoustic simulation software has been around for a few decades, however, we still see statistical Reverberation Time equations being used to predict the conditions of even the most complex rooms. The most commonly used RT equations have a clear set of restrictions for their use, but these are rarely acknowledged. Through this study, we have compared simulations to statistical predictions in a number of case studies to better highlight when the differences are the largest.

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