Errata: Sound Waves in Rooms

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[Rev. Mod. Phys. 16, 69 (1944)]

Add to the last paragraph of Section 20 the following sentences and equation:

For instance, for wave-lengths long compared to the thickness of material plus air backing, the wall impedance is approximately that of two equivalent circuit arms in parallel, the impedance of the two arms being

\[
r_n L + \left( \frac{ipc}{\omega PL} \right) \quad \text{and} \quad r_n L + \left( \frac{ipc}{\omega L_0 B_0} \right)
\]

\[
\text{where } B_0 \sim \begin{cases} 1, & \text{Transverse waves suppressed} \\ \cos \phi, & \text{Transverse waves allowed} \end{cases}
\]

4.15

This corresponds approximately to the circuit in Fig. 8a. In the present instance it is somewhat more accurate to insert a resistance in both arms and to neglect the inductance. The third arm, corresponding to panel motion, will be discussed in the next section.

Erratum: Surface Roughness and Sliding Friction

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On page 63, in the second paragraph in the left-hand column, (Section II, 6) should be (Section II, 2, b3).