

	Theoretical Analysis of Damping Due to Air Viscosity in Narrow Acoustic Tubes
	World Academy of Science, Engineering and Technology, vol. 78, pp879-883
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	Headphones and earphones have many extremely small holes or narrow slits; they use sound-absorbing or porous material (i.e., dampers) to suppress vibratory system resonance. The air viscosity in these acoustic paths greatly affects the acoustic properties.