

Doppler Paper

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Introduction

We present a novel activity to demonstrate the Doppler Shift of a sound wave incident, at an angle, upon a moving reflector. This activity is intended for use in an introductory physics laboratory focused on preparing students for the health and medical fields. The activity is designed to simulate Doppler velocity measurements from ultrasound imaging.

Citation (Meltzer and Thornton 2012).

Meltzer, David E., and Ronald K. Thornton. 2012. "Resource Letter ALIP-1: Active-Learning Instruction in Physics." *American Journal of Physics* 80 (6): 478–96. doi:10.1119/1.3678299.