

## CHAPTER OVERVIEW

### Chapter 5: Oscillations and Waves

- 5.1: Introduction to Oscillatory Motion and Waves
- 5.2: Period and Frequency in Oscillations
- 5.3: Simple Harmonic Motion- A Special Periodic Motion
- 5.4: Forced Oscillations and Resonance
- 5.5: Waves
- 5.6: Wave Interference- Standing Waves and Beats
- 5.7: Sound
- 5.8: Speed of Sound, Frequency, and Wavelength
- 5.9: Doppler Effect and Sonic Booms
- 5.E: Oscillations and Waves (Exercise)

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