

UNIT EIGHT: Waves

Chapter 24 Waves and Sound









24.1 Harmonic motion

- Harmonic motion can be fast or slow, but speed constantly changes during its cycle.
- We use period and frequency to describe how quickly cycles repeat themselves.
- The time for one cycle to occur is called a period.















24.1 Natural frequency and resonance



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 The natural frequency is the frequency (or period) at which a system naturally oscillates.

 Every system that oscillates has a natural frequency.



