Superposition of waves

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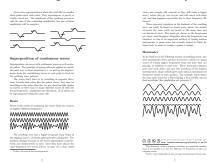


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Reading memo

To start, we're going to do a reading memo in class today!





Lesson Objectives

- 1 To complete a reading memo on superposition.
- 2 To be able to apply the principle of superposition to waveforms.
- 3 To (hopefully!) see the waveforms of harmonics.

REMINDER: Office hours are week 2 Tuesdays 3.45–5.0 p.m. in room 19.

Next office hours: Tuesday 6 March 2012

Specification Requirement

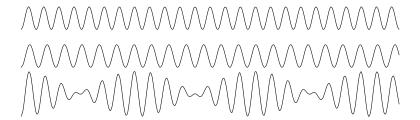
Superposition of waves, stationary waves

The formation of stationary waves by two waves of the same frequency travelling in opposite directions; the formula for the fundamental frequency in terms of tension and mass per unit length is not required. Simple graphical representation of stationary waves, nodes and antinodes on strings.

[AQA GCE AS and A Level Specification Physics A, 2009/10 onwards]

Reading memos

Beats



Quality / tone of musical notes

