

AC – PART 3

WHAT DOES THE FUTURE HOLD FOR US?

- Today – Continue with AC
 - Problems
 - Some new material from the chapter
- Quiz on Friday; Exams will be returned and reviewed.
- There is a new Mastering Physics Assignment that finishes the chapter.
- Continue with chapter.
- Monday – Electromagnetic Waves – Putting it all together.

An AC source with $\Delta V_{\text{max}} = 125 \text{ V}$ and $f = 25.0 \text{ Hz}$ is connected between points a and d in the figure.

Calculate the maximum voltages between the following points:

- (a) a and b 62.8 V
- (b) b and c 45.6 V
- (c) c and d 154 V
- (d) b and d 108 V

