

**PROBLEM:**

The figure below is a plot of a sinusoidal signal. From the plot, determine values for the amplitude ( $A$ ), phase ( $\phi$ ), and frequency ( $\omega_o$ ) needed in the formula:

$$x(t) = A \cos(\omega_o t + \phi)$$

Give the answer as numerical values *including the units* where applicable. Since you must make approximate measurements on the figure, your final answers will be estimates.

Sinusoid:  $x(t) = A \cos(\omega_o t + \phi)$

