

PROBLEM:

The figure below is a plot of a sinusoidal signal. From the plot, determine values for the amplitude (A), phase (ϕ), and frequency (ω_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: $x(t) = A \cos(\omega_o t + \phi)$

