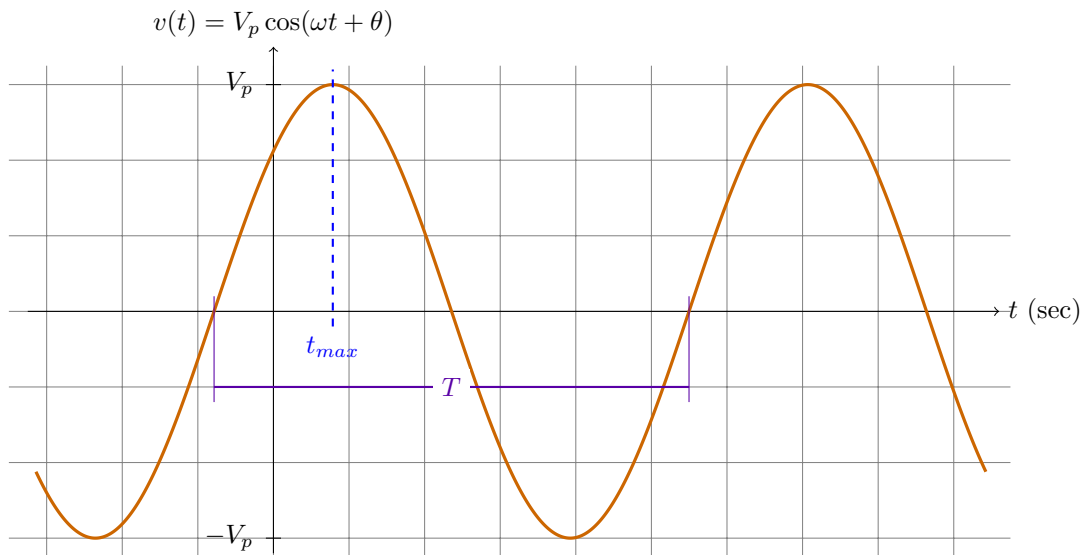


Sinusoidal Signals



- T = Period (s)
- F = Frequency (Hz) = $1/T$
- ω = Angular frequency (rad/sec) = $2\pi F$
- θ = phase angle (rad)
- V_p = peak value
- t_{max} = time from 0 to time at which V_p occurs
- V_{pp} = Peak-to-peak value

$$\theta = -2\pi \frac{t_{max}}{T} = -2\pi t_{max} F \quad (1)$$