

**Concept Question 5-2:** How is the angular frequency of the  $n$ th harmonic related to that of the fundamental  $\omega_0$ ? How is  $\omega_0$  related to the period  $T$  of the periodic function?

The angular frequency of the  $n$ th harmonic is  $n\omega_0$  with  $\omega_0 = 2\pi / T$ .