

1 Time Domain

1.1 λ

$$\lambda = \frac{c}{f}$$

1.2 T

$$T = 1\text{ ms} = 1000\text{ Hz}$$

1.3 ω

$$\begin{aligned}\omega &= 2\pi f \\ &= \frac{2\pi}{T}\end{aligned}$$

$$\begin{aligned}\omega_0 &= 2\pi T \\ &= \pi \frac{f_0}{f s}\end{aligned}$$