

Beat freq Scenario I - different freq.

$$\omega_1 = 2\pi f_1 = 1000$$

$$f_1 = 159.15 \text{ Hz}$$

$$\omega_2 = 2\pi f_2 = 980$$

$$f_2 = 155.97 \text{ Hz}$$

$$\text{Beat freq} = f_1 - f_2 = \underline{\underline{3.18 \text{ Hz}}}$$