



$$|H(j\omega)| = \sqrt{\frac{1}{\omega^2 C^2}} \quad (12)$$

$$= \frac{1}{(2\pi) \times (60) \times (60) \times (10^{-6})} \quad (13)$$

$$\approx 44.21 \quad (14)$$

$$I(s) = \frac{V(s)}{H(s)} \quad (15)$$

$$= \frac{110}{44.21} \quad (16)$$

$$\approx 2.49A \quad (17)$$