e) 
$$X_0 = 1e^{\int T} X_1 = 0.5 X_1 = 0.5$$

$$\frac{1}{10^{2}} = -3 = 3.0 \text{ M} = \frac{1}{10^{2}} = \frac{$$

d) 
$$P_x = 1^2 + 0.5^2 + 0.5^2 = 1.5 W$$

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2- 
$$\phi = 10 \text{ Hz}$$
 $A_k = 0$ 
 $A_k = 0$ 

e) 
$$k < 4$$
 $\int_{2\pi/40 \times 1}^{2\pi/40 \times 1} \int_{2\pi/40 \times 3}^{2\pi/40 \times 1} \int_{\pi/2}^{2\pi/40 \times 1} \int_{\pi/4}^{2\pi/40 \times 1} \int_{\pi/40 \times 1}^{2\pi/40 \times 1} \int_{\pi/40 \times 1$