

(():
$$2\alpha = \frac{1}{kc}$$
 $\Rightarrow \alpha = \frac{1}{2kc} = \frac{1}{2x25} = 0.2 \text{ Hz}$

$$W_0^2 = \frac{1}{4c} = \frac{1}{4kc} = 4 \text{ Hz}^2 \qquad \qquad 2 \times w_0^2 \Rightarrow \text{Vaderdanged}$$

$$W_0 = \sqrt{\frac{1}{4c}} = 2 \text{ Hz}$$

$$W_1 = \sqrt{\frac{1}{4c}} = 2 \text{ Hz}$$

$$W_2 = \sqrt{\frac{1}{4c}} = 2 \text{ Hz}$$

$$W_3 = \sqrt{\frac{1}{4c}} = 2 \text{ Hz}$$

$$W_4 = \sqrt{\frac{1}{4c}} = \sqrt{\frac{1}{4$$

$$t = Q.T = 5 \times \frac{1}{f} = 5 \times \frac{2\pi}{Wd} = 5 \times \frac{2\pi}{199} = 15.8 (5)$$

$$V_{2} = \frac{1}{12} = \frac$$