

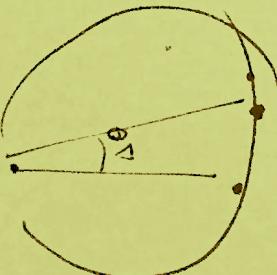
$$V(t) = e^{-\gamma t} \int_{-T}^t (-\alpha / e^{wt'}) dt'$$

$$\frac{1}{w - w_0 + \frac{i}{2}\omega}$$

$$w(t) = \int_{-T}^t vt' dt'$$

$$C = \int_{-T}^t a e^{wt}$$

$$V(t) = e^{-\gamma t} \int_{-T}^t a e^{wt'} dt'$$



$$\frac{\Delta f}{T/2\pi} = \frac{2\Delta f}{T}$$

$$\frac{1}{\Delta f} + \frac{i\omega}{2\pi} =$$

$$\frac{2}{T} \cdot \frac{1}{4} \cdot (1 - \cos 2\theta)$$

$$\frac{\Delta f}{T}$$

$$\Delta \theta$$

$$\Delta f = -\alpha T \Delta \theta$$

$$2 \frac{\Delta f}{T} = \Delta \theta$$

$$\frac{1}{T} 2 \Delta \theta$$

$$\Delta \theta = -\frac{g}{L} \Delta \theta$$

$$\Delta \theta = -g \cdot \frac{4}{T} \Delta \theta + \gamma \Delta \theta$$

$$w = e^{-\gamma t} \int_{-T}^t (\omega_0) e^{\gamma t'} dt'$$

$$\begin{aligned} \dot{w} &= -\gamma w - \omega_0 \Delta \theta \\ \ddot{w} &= \int \ddot{w} dt \end{aligned}$$