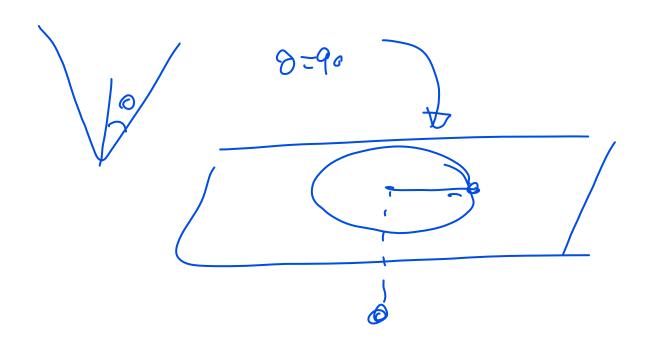


$$\mathcal{E} + \mathcal{R}^2 \mathcal{E} = 0$$



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 $\hat{\chi}$ + $v\chi$ + $\omega_0^2\chi = A \cos(\omega t)$

$$\mathcal{X} = A Cos(\omega t 1 - y) \mathcal{X} - \omega_{o}^{7} \mathcal{X}$$

$$\dot{z} = V$$

$$\dot{V} = A (as(\omega +) - VV - \omega_o^2 z)$$

$$\dot{x} = v$$

$$\dot{v} = -\omega_c^2 x$$

S.H.M