$$\frac{dv}{dt} = \frac{cost}{sinv}, V(0) = 1$$

$$\chi = \frac{-C \pm \sqrt{c^2 - 4mk}}{2m}$$

when c2-mk=0, repeated

stable F= Cie mt (Cisinutt Cocont)

Stable

$$\frac{d(x \circ y)}{dx^{2}} = \int_{0}^{\infty} \frac{dx}{dx}$$

$$= \int_{0}^{\infty} e^{x} dx$$

$$y = \frac{x+c}{e^{x}}$$

$$= \int_{0}^{\infty} c = e^{x} dx$$

$$y = e^{x}$$

$$= \int_{0}^{\infty} c = e^{x} dx$$

$$ij + 4w = cos2t$$

$$\lambda^{2} + 4 = 0$$

$$\lambda = \pm 2;$$

$$\gamma_{p} = Atsin2t + Btcos2t$$

$$\gamma_{p} = Atsin2t + Btcos2t$$

$$\frac{1}{\sqrt{-\sigma e^2}} = 0$$

$$\frac{1}{\sqrt{-\sigma e^2}} = 0$$

$$\frac{1}{\sqrt{-\sigma e^2}} = 0$$

$$\frac{1}{\sqrt{-\sigma e^2}} = 0$$

$$1 = 0$$

$$1 = 0$$