

define:
$$\Delta E = E - E$$
 $\vec{\omega} = \sqrt{\omega_s^2 - \gamma_2}$

Proposition significal significal significal significal significant significan

Now no THE 26' integral.

Use: Sin 0 = \frac{1}{2i} \left(e^{i\theta} - e^{-i\theta}\right)

ł

G=(t') =
$$\frac{F_0}{\bar{\omega}} = \frac{e^{-\delta t}}{2i} \left[Ce^{R_1 t'} - \frac{1}{C}e^{R_1 t'} \right]$$

$$\left[\frac{R_1}{R_2} = \bar{\chi} + i\bar{\omega} \right] = \chi - \lambda \pm i\bar{\omega}$$

AL L' DEPENDENCE & M EPLL'

eist - ch est t ch]

note: e- « Ce B-t = e- 4t

e-rt cest = e-at

ZiW (B1B- = (8-d)2 + W2

= x2-28d+d2 + W2 -162

= W2-28d+d2

want to write By eint - Be int = (eig-eig)

2i Sin O

HOW TO DO THIS? B= 8 + iw

$$\sqrt{8^2 + \overline{\omega}^2}$$
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$$\frac{\overline{8}}{8} - 8 \text{ noff}$$

$$\int_{0}^{2} z^{2} = W_{3}^{2} - 2Lq + q_{3}^{2}$$

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t' was set to o.

for IE>> VX) 1st term vonishes

PEONES OSCILLEDBY MOTION

for 17 30 I m domping

no dompney limit

ENERBY: mit: E=0, how much troubened m?