Curs Fisica 5 Oscilati aplate Batai - cas 3 cues

eek muha m k

* (t)= A 1 Cos (cont + Ln) + Ar cos (cort + Lr) * tr(t1= = [An cos(wort + dn) - Ar cos(wort + dr)]

Wi= hrhc mod simethic 1

Wi= hrhc mod ontisemethic 1

Ta= 27 mm

hrhe LISTA

batai

*1(0)=A £2(0)=0

*4(0)= ×2(0)=0

=1(2A= A1 Coods + Az asd2)

0 = Ar Cosky - Ar Coskz

Zi(E)= 2[-wi Aprin (witt dittor Ar sin [wet + dr]]

O= To, Annin de + wor Araindr 0= Wor Ar rind1 - Wz Azzin dz 0= A1 Cos 21 - Az Cos 22 2A = ANGOSAI + AZ GOXZ Worthind = Wit Aris dz = 0 =) (21=22=0) A (= Az=A $\chi_1(t) = \frac{1}{\tau} \left[A \cos(w_1 t + 4h^0) + A \cos(w_1 t + 4h^0) \right] = 0$ $\chi_1(t) = \frac{1}{\tau} \left[A \cos(w_1 t + 4h^0) - A \cos(w_1 t + 4h^0) \right] = 0$ =) = 24 cos (horthor) t) cos (hun-hor) t modulator medilator pultoitolel e incorded de modul atol AP-W1+W2 purtator

$$N = \frac{76}{T_{P}} = \frac{277}{(201 - 402)} \cdot \frac{101 + 402}{477} = \frac{477}{72} + \frac{277}{72} = \frac{71 + 72}{2(\frac{277}{71} - \frac{277}{72})} = \frac{71 + 72}{2(72 + 73)}$$

$$(71 = 78)$$

$$(72 = 78)$$

$$(72 = 78)$$

$$(72 = 78)$$

$$(72 = 78)$$

$$(72 = 78)$$

$$(72 = 78)$$

$$(72 = 78)$$

$$(73 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 78)$$

$$(74 = 7$$

Galalii amottirate

$$\overrightarrow{R} = \overrightarrow{R} + \overrightarrow{R}$$

$$\overrightarrow{R} = -h\overrightarrow{R}$$

; 21,2=- b+ \ le'-m2

C1= C2 = 1 tol

$$\begin{array}{lll}
\pm (t) &= e^{-let} \left(\underbrace{A_0}_{i} e^{i(\omega t + \omega)} & \underbrace{A_0}_{i} e^{-i(\omega t + \omega)} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i(\omega t + \omega)}_{i} & \underbrace{-i(\omega t + \omega)}_{i} \right) \\
&= \underbrace{A_0}_{e} e^{-let} \left(\underbrace{e^{i(\omega t + \omega)}}_{i} & \underbrace{-i($$

\$\frac{\pm(\pm) = \land \ell \pm \cos (\wdf +d)}{\pm(\pm (\pm +d) - \ell \pm \cos (\wdf +d) - \ell \pm \cos (\wdf +d)}

$$A_{0,\alpha}=? \longrightarrow c_{0} i = \begin{cases} \#(0)=\#_{0} \\ \#(0)=U_{0} \end{cases}$$

$$\ln \left| \frac{\mathcal{L}(t)}{\mathcal{L}(t+T)} \right| = e^{\left| t \right|} = \ln \left| t \right| = \ln \left| t$$

