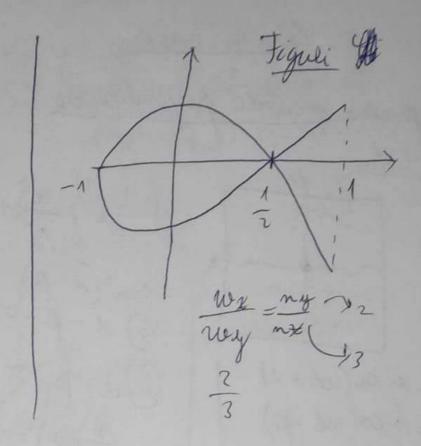
Curs 4 Firica

Compunese orcilati perpendiculare pleva lu sonon y= le (?) * + y - 2 * cos (2-13)= (b) 2- B=TT $\chi = 10$ cos (we + d) (大大な)とのコームナダニのラクニーをも y= b cos(wt+B) x=-warin(wt) iz=-wbrin(cot) nin(xth)= Rosd 2) {x=wet} -> wz=2 rad/s y=nin(3E+=) -> my=3 rool/s 2 = + alcas #+2 mt, mez 3 t= + prasy + 2 m + 1 m E I y= wsst) +3010052+6m1=+10100034+4n17 ((3 (3000) x) = (0) (10°(CO) y) = (0)(x) = (0)(x) COS(34)= COS(24+h)= Cos 22 Cost-rinz & rind= = ((0) d-1) (0) d-handlord = (0) d-1) (0) d-1 (0) d) (0) d 1-60) d = (0) d-1) (0) d-1 (0) d)

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Oscilati aplate

-> #21=- h127 -> #2=- h2(12->1)

(Z2)-(-121)

m 1
$$\sqrt{1}$$
 $= \sqrt{1}$ $= \sqrt{1}$

21,=A1, $\omega(\omega rt+d1,i)$ $\begin{cases} \chi_1(t) = \frac{1}{2} \left[A_1 \cos(\omega rt+d1) + A_2 \cos(\omega rt+d2) \right] \\ \chi_1(t) = \frac{1}{2} \left[A_2 \cos(\omega rt+d1) - A_2 \cos(\omega rt+d2) \right] \end{cases}$ Mod oral ninetlic $\chi_1(0) = \chi_2(0) = A$ $\chi_1(0) = \chi_1(0) = 0$

21= 2[w.Asnin(w.t+ d)+w.Arnin(w.t+ d)] 21= 2[w.Asnin (aut+ d)-w. Arain(w.t+ d)]

TA= An as 21+Az asde 2A=A1 as 21-Az asde 0 = ce1A1 minda werder nin de 0 = wad1 nin 21 worder nin de

 $\begin{cases} A_{1}=0 \\ A_{1}=24, \lambda_{1}=0 \end{cases}$ $(A_{1}=24, \lambda_{1}=0)$ $(A_{1}=24, \lambda_{1}=0)$ $(A_{1}=24, \lambda_{1}=0)$

1.