

a = - (Windex - Umin)²
16 les E Z.B. E = 1.10-3 Wwax = 200 foror Wur = 211 fenin a = - The (forax - funiu) 2 fo = finint finax =) f(t) = e - at2 . cos (20/0 t) Zeitveschlebeng un to : (livere Phase) $f(t) = e^{-a(t-t_0)^2} \cos(2af_0(t-t_0))$ Augh: $f(0) = \varepsilon = 0$ $e^{-\alpha(\theta - t_0)^2} = \varepsilon$ $-a(\Phi-t_0)^2 = \ln E$ $t_0^2 = -\ln E = -\frac{1}{4} \ln E$ Also:

 $f(t) = e^{-a(t-t_0)^2} \cos(2\pi f_0(t-t_0))$

unif:

fo = finin + finax

2

a = - II = (finax - finin)²

to = \ - lu &

23 8 = 10-3