111) at 5 = - 2 52 = 9 5 = + 31 2-> polos, Undanyed [ ] [ ] = (os (3t) + 25in(2t) Convolet: (os(At) +Bsin(Ct)  $t(s) - \frac{5+5}{(5+10)^2} - \frac{5+5}{5^2+205+100}$ (V)280 at 5=-5 S=-20 ± V0 =-10 -> jules, Critically dampel L(TG)) = -10t -10t George !! e-lot \_ At e 10t