Luce Obo via Lapes Amorian

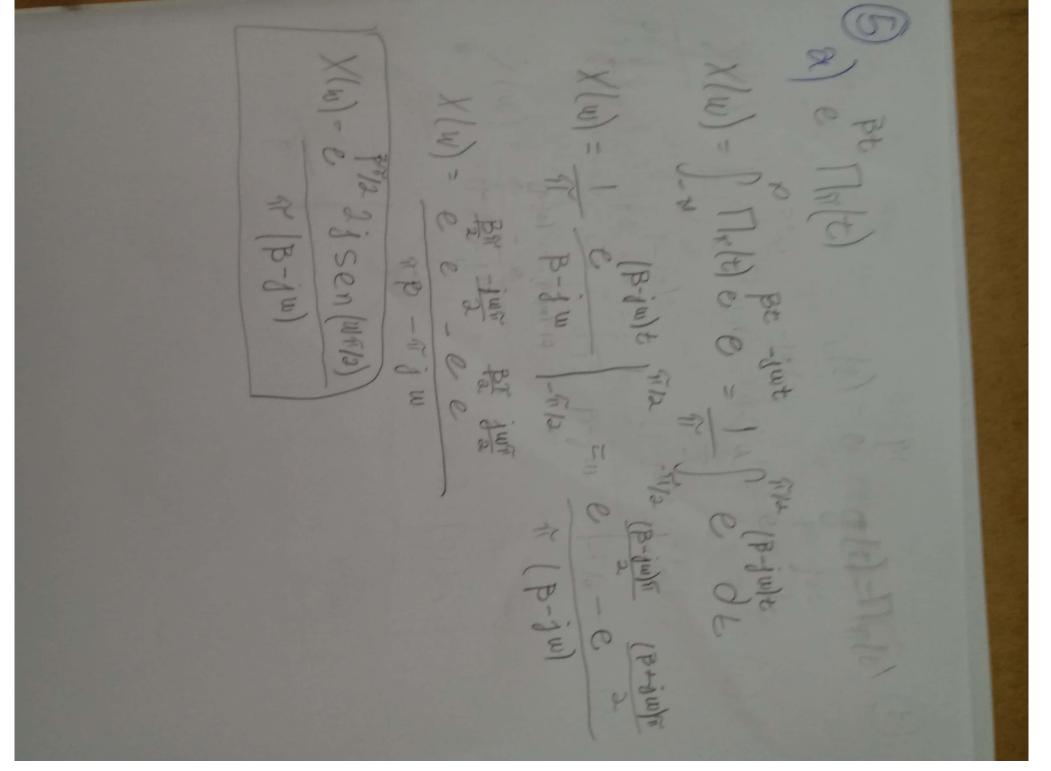
SP3684178

(1) 
$$y'' + 10y' + 16y = 6x' + 6x$$
  $y_0 = 1$   $y_0 = 2$ 
 $5^2 V(5) - 5y_0 - 40 + 10y(5) = 25 + 11 + 20y(5) = 5(520) + 620y(5)$ 
 $5^2 V(5) + 105 V(5) + 16V(5) = 25 + 11 + 20y(5) = 6 + 55$ 
 $V(5) = 25 + 105 + 16 = (25 + 11) + 20y(5) = 6 + 55$ 
 $V(5) = 25 + 11 + 20y(5) = 25 + 11 + 20y(5) = 6 + 55$ 
 $V(5) = 25 + 11 + 20y(5) = 25 + 11 + 20y(5) = 6 + 55$ 
 $V(5) = 25 + 11 + 20y(5) = 25 +$ 

$$\frac{2}{5} = \frac{2}{5} = \frac{13}{5} = \frac{13}{5} + \frac{13}{5} = \frac{13}{5} + \frac{13}{5} = \frac{13}{5} + \frac{13}{5} = \frac{13}{5} =$$

2 10=2 
$$w_0 = \frac{3\pi}{2} = 9\pi$$
 $a_0 = \frac{1}{2} \int_{-1}^{1} x(t)dt = \frac{1}{2} \int_{-1}^{1} tdt + \frac{1}{2} \int_{0}^{1} x(t)dt = \frac{1}{2} \int_{$ 

$$Y(w) = \int_{-\infty}^{\infty} x(t) e^{-jwt} dt = \int_{0.5}^{0.5} e^{-jwt} \int_{0.5}^{0.5} e^{-jwt} dt = \int_{0.5}^{0.5} e^{-jwt} dt$$



$$\begin{aligned}
& \int_{A} x(t) = \prod_{u} (2t-8) \\
& \prod_{u} (2t) = \int_{-2}^{2} x_{u} \\
& \sum_{u} (2t-8) = \int_{-2}^{2} x_{u} \\
& \sum_$$

5-35+2=0 D=9-4.1.2=1 S=-3=1 S=-1 523512 H<sub>12</sub>(5) = 2 = A + B 9 2552=-2 JA+B=0=) B=-4 12A+B=2=>A=2 B=-2 4/2(5)=2-2 S+1 S+2 | hu/t)=2t-2e