

HINV L Tudleyers with me

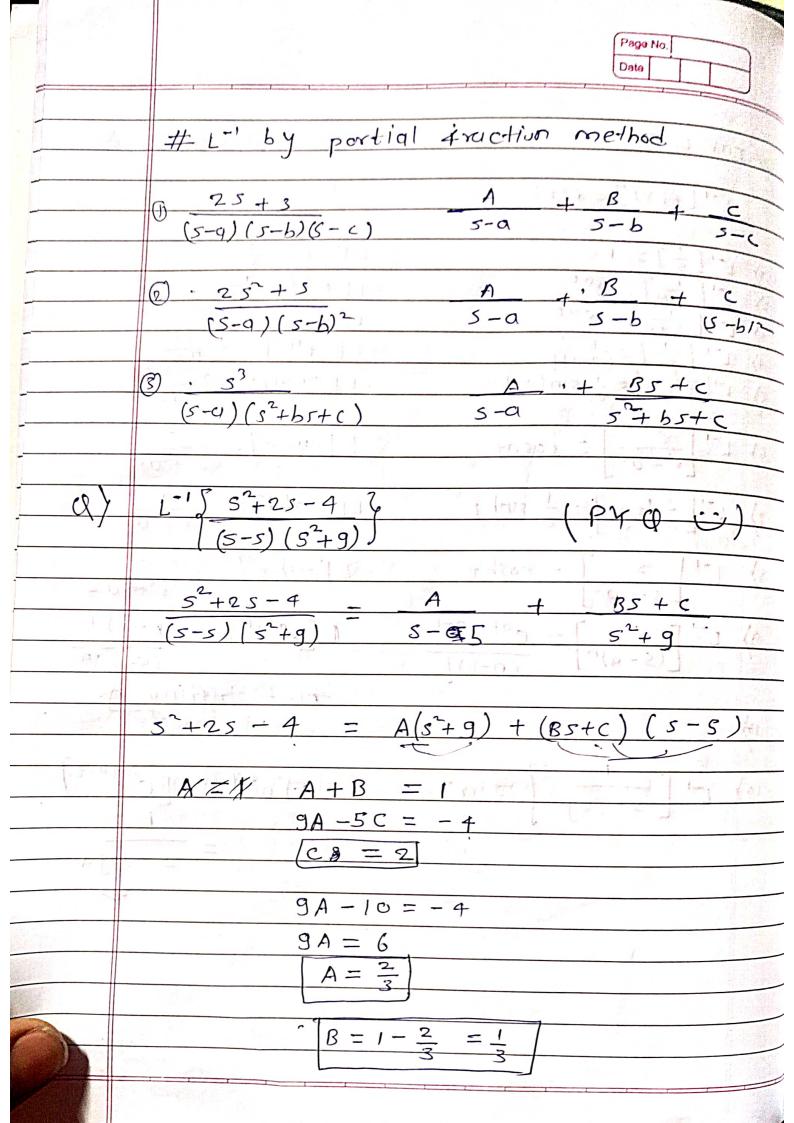
L-1[F(S)]=F(t)

 $\frac{1}{2} \left[ \frac{1}{2} \left[ \frac{1}{2} - \frac{1}{2} \right] = \frac{1}{2} \sinh t$ 

8) L-1 [ 5 ] - cosht

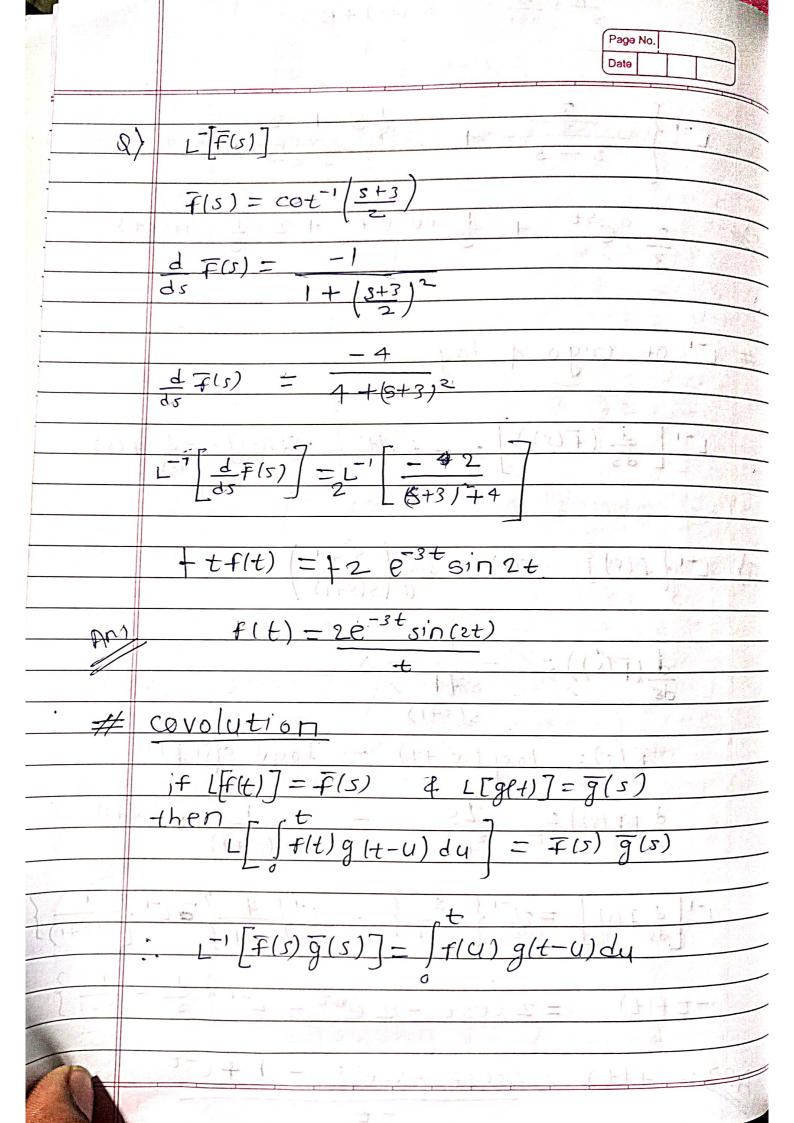
 $\frac{1-\left[(s-q)^{n}\right]-e^{q+t^{n-1}}}{(n-1)!}$ 

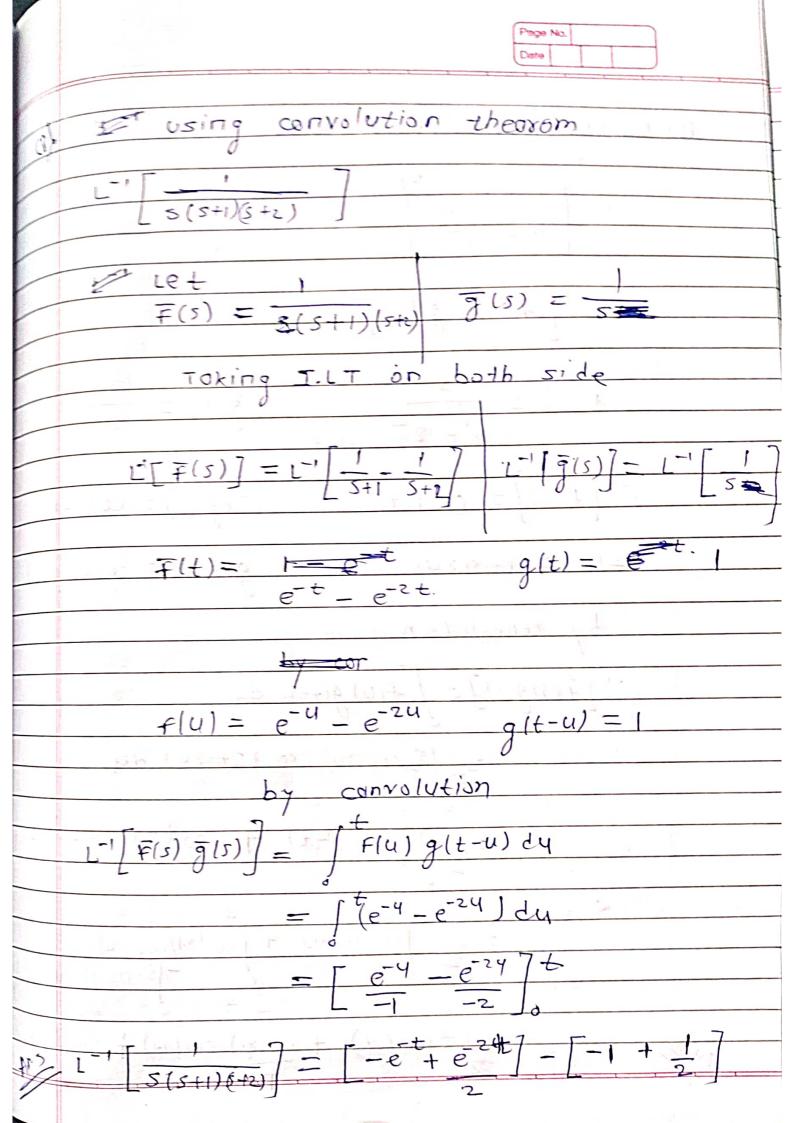
10) 1-1 = 1 = a 5

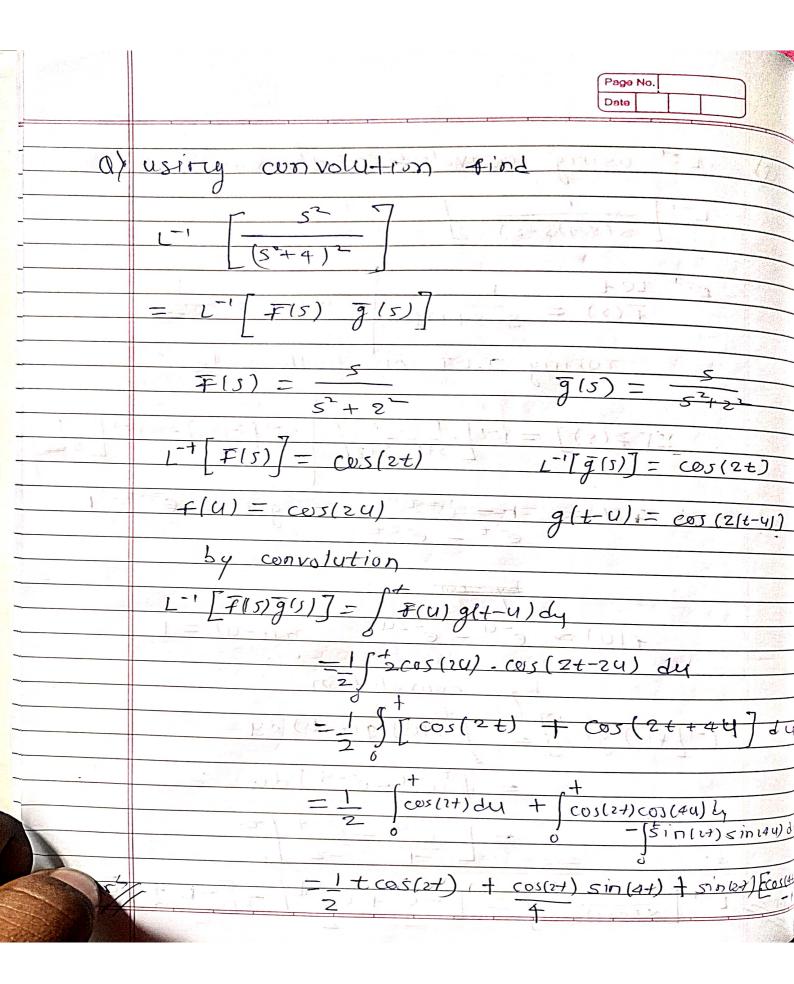


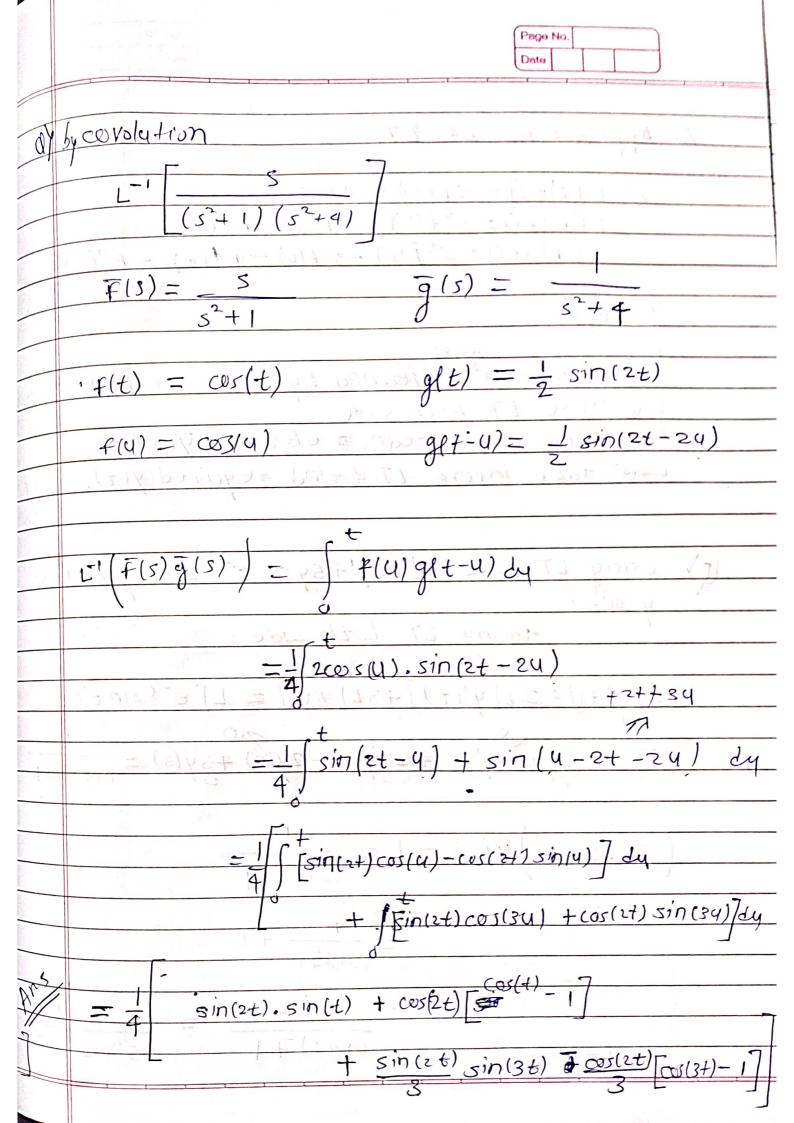
$$A = A + B = 0$$

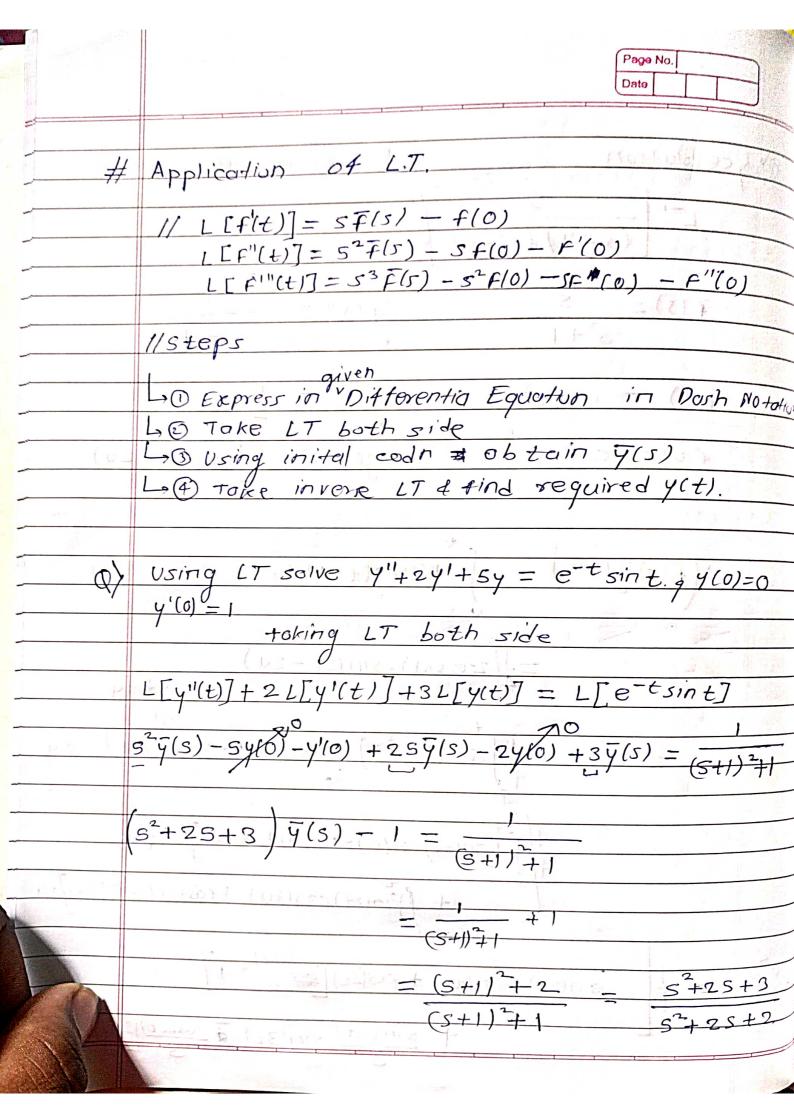
$$A = A + B =$$

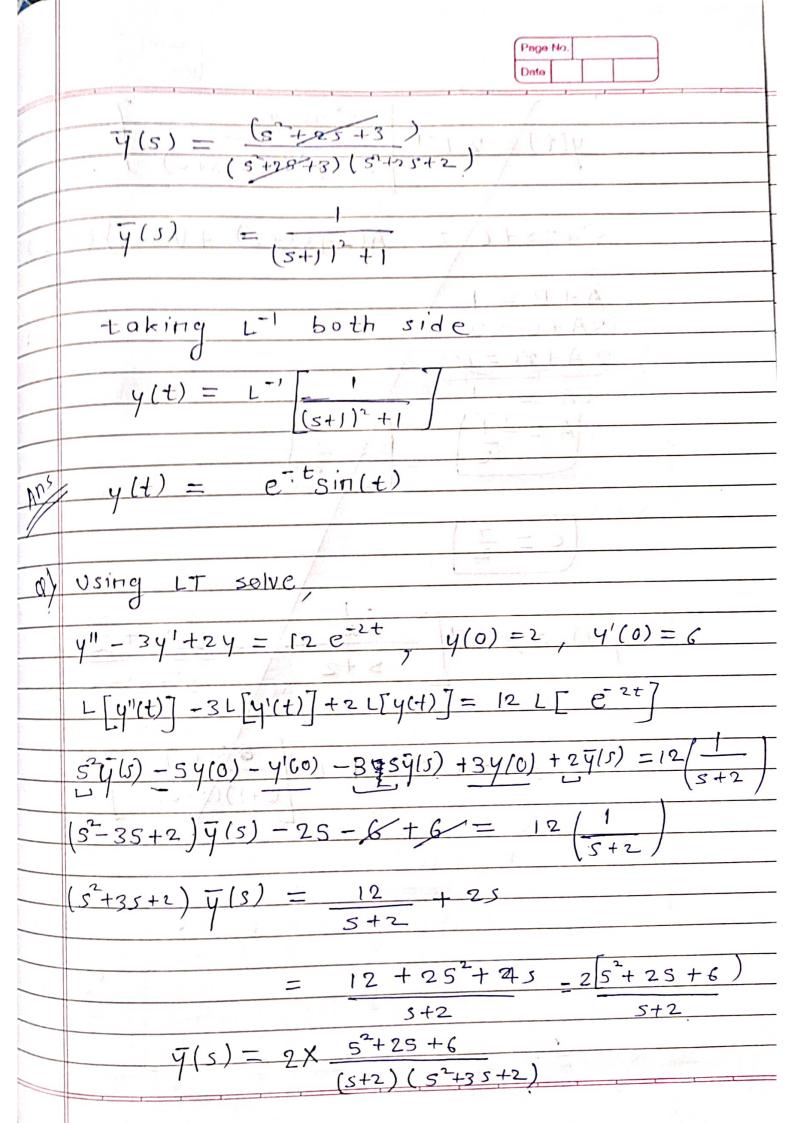


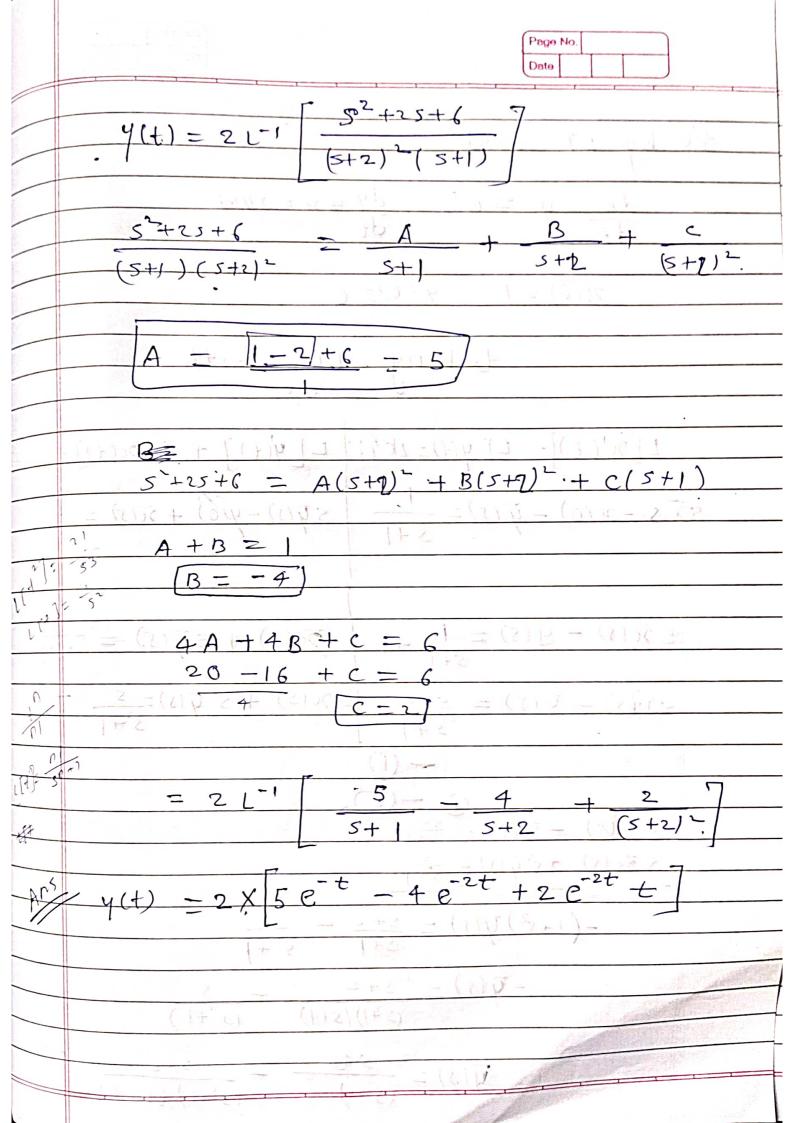


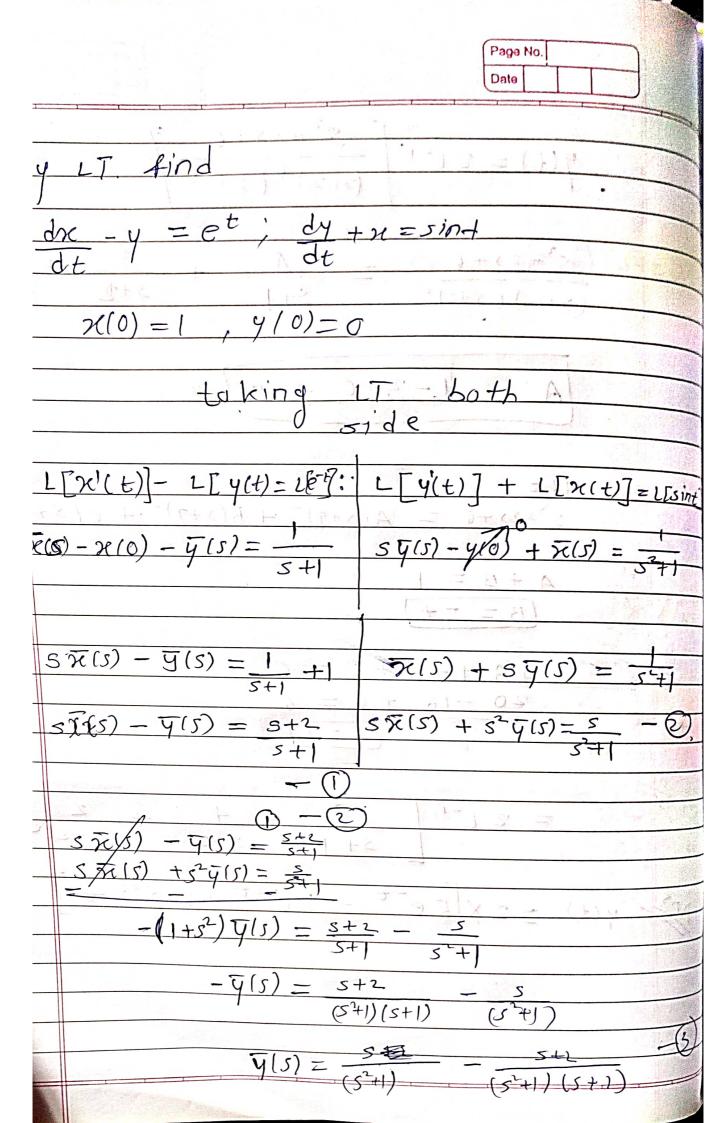












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$$\frac{7(5)}{(5^{2}+1)(5+1)} = \frac{5^{2}+8-5+2}{(5^{2}+1)(5+1)}$$

$$= \frac{5^{2}+8-5+2}{(5^{2}+1)(5+1)}$$

$$= \frac{15^{2}+2}{(5^{2}+1)(5+1)}$$

$$g \pi(s) - g + s+2 - s+2$$
  
 $g(s+1) + s(s+1) - s(s+1)$ 

$$5(5) = \frac{5+2}{5(5+1)} + \frac{1}{5^2+1} + \frac{5+2}{5(5^2+1)(5^2+1)}$$

Now take inverse LT of both.