3) 2 g Cofice) + (2 /2 x t) } = (1 2 g for (1)] + (2 2 g for (1)) }
· Obtener la transformada de Laplace
1) \(\xi \xi \) = \(\xi \) =
1) $F(t) = t^6$ $2 \xi t^6 \xi = \frac{6!}{5^7}$ 2) $F(t) = e^{5t}$ $2 \xi e^{5t} = \frac{1}{5+5}$
3) $F(t) = te^{t} = 27te^{t} = \frac{1}{(5-7)^{2}}$
4) $f(t) = t^2 e^{3t} + 2 t^2 e^{3t} = 2!$ $(5+3)^3$
5) $F(t) = sen(t)$ 2 $\frac{1}{3} sen(t) = \frac{1}{5^{2+1}}$
4) $f(t) = sen(5t) = 2isen(5t) = \frac{5}{s^2 + 25}$
7) $F(t) = \cos(10t) 2 \cos(10t) = \frac{5}{5^2 + 100}$
8) $F(Q) = Senb(Q) = \frac{1}{5^2 - 1}$
9) f(w) = co > h(3t) Zz co>n(3t)} = 5 5-9
10) etsen(26) $\frac{1}{2}$ etsen(26) $\frac{1}{(5-7)^2+4}$
11) $\overline{e}^{t} \cosh(t)$ $\overline{z}_{1}^{2} \overline{e}^{t} \sin(2t)_{1}^{2} = \frac{(5+7)}{(5+7)^{2}-4}$
12) $6 \sin(2\theta) = 23 6 \sin(2\theta) = \frac{43}{(5^2 + 4)^2}$ 13) $6 \cos(\theta) = 23 6 \cos(\theta) = (5^2 - 1)(5^2 + 4)^2$
Scribe