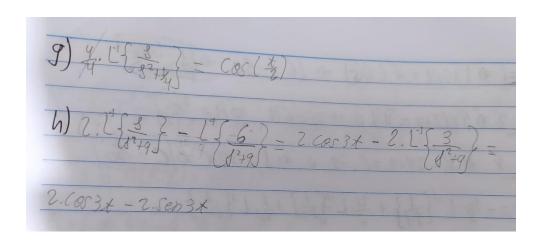
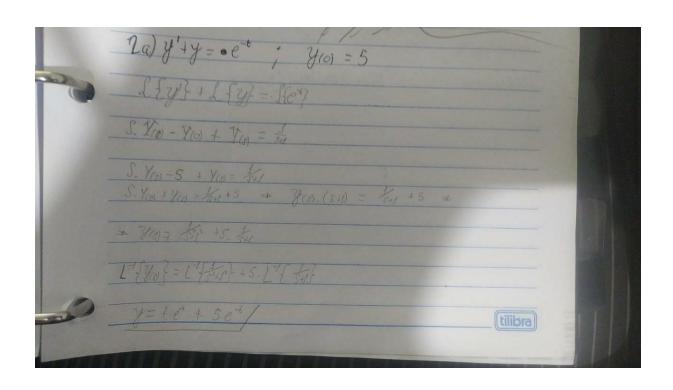
Victor Ramos

VICIOI Namos
Exercises $a) = \{e^{t_1}\} = \{e^{t_2}\} = e^{t_2}$ $b) = \{e^{t_1}\} = \{e^{t_2}\} = e^{t_2}$ $b) = \{e^{t_1}\} = \{e^{t_2}\} = e^{t_2}$
a) [= { p + 1 } } - [
5-L{e6.e2} = e2.L{e4} = e2
b) {a) = 1 e 46
1 { t em} = t
$O(4) = e^{t} \cos t$
[{e+ cost} = (-1/((s-1)^2 + 12)
DECH = t sent
$\frac{\lfloor \{t, Sent\}^2 - 2.S}{(S^2+1)^2}$
e) (y = 2t4
[{2.t4}=2.[{t4}= 36
() (1) = 4 - JO
[{4t - so} = 4. [{t} - 1803 = 3 - 3
g) f(4)= t2 +6t -3
[{t24643} = [{t2} + [{6t-3}] = \$0 + [{6t}] - [{3}] =
tilibra = ft + ft - ft

h) (w=(+1)3 (S(+1)3) = (ft3+3.t2+3.t4) = 50+ 50+ 50+ 50+ 50 1) fa = 3+44 L {1+44} - L {1} + 1 {1} = \$+ 50 K) f(+) = (s+e2+)2 L \((1+e^2)^2 \) = \[\left\{ 1+2e^2+e^4\right\} = \frac{1}{5} + \frac{2}{52} + \frac{3}{54} U) fit = cosst + senzt [{cosst + senzt} = 524 + 524 n) (w= et. cosh (+) L{et. cosh (+) = (C+1)/((S+1)2-1)

1a) +3 b) (3/23-13/23) = + -7.4"	
- C [-1 \\ 20 + \\ 20 + \\ 20 + \\ 20 + \\ 20 + \\ 20 \\ 20 + \\ 20 + \\ 20 \\ 20 + \\ 20 \\ 20 + \\ 20 + \\ 20 \\ 20 + \\ 20	13t +3t2 + 16
d) - 3 + 3 = 4 + 2 + 5 120	=
e)1+ ty - e* + + + + + + + + + + + + + + + + + +	7
D S. 1 (5249) = 5. Sen 74	





26) y"-2y-3y=6ex, you = 3 L327-13-247-13327-136018 8° 418) - 840) - 40) - 5(8310) - 40 - 300) - 3300 - 25 Has (82-28-3) = 6 + 8+342 yco(8-23-3)=6+2-3+58-8 7(D= 5=+38+7 (8=-28-3)(A-1) (2+1)(3-3)(8-1) = A + B + C (2+1)(3-3)(8-1) = 8+1 + 3-3 + 8-3 8 + 4s+1 = A(1-3)(2-1)+B(8+1)(8-1)+C(8+1)(1-3)