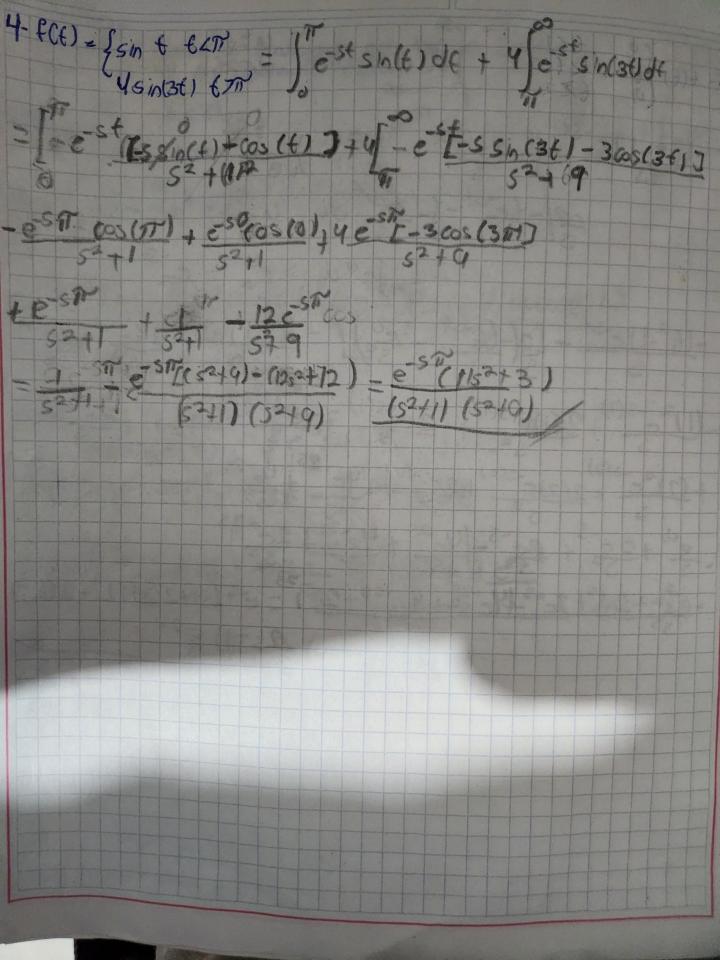
Healthie de finición de transformaçõe de Laplace, obten que la transformaçõe de la 1 = Set SSIN(W) + COS(V)] = = 57 (= 50 (\$5 in (0) + cas (cd))] + c 500 (\$5 500 (0) + acs(0)) 52+1 537 / STI 27(t) [0, fc] = Je-st (462+36-8) 0+= Je-styte + Je-st3x - J. estalde 1 = (+2++21) - 3 = (++1)+ 8 = 5t 4 (10 = +2 (01/26))- 3 (0 +1) +68 B3 13 18 +

-162-11c-st /- 2fc-st 'v=f v= -25t -162-11c-st /- 2fc-st 'v=f -162-11c-st /- 2fc-st /- 2fc-st /- 3st /- sdf -1621105 - 121-60 - 52)] = -13110 + 1240 + 240 + 250 -U12-5(1) + 2E/Re-5(1) + 28-5(1) = -8-3 + 12-51 + 25-5 +012 12(2)0 12 5(2) 12 5(2) - 45 + 45 + 25 + 25 - 3 + 3 5 - 14 25 + 4 = 35 + 2 = 35 - 952+205+20-44652+465 +201 = e 652+2(3+)1]+2(254 2st1) = 2s



+ (cf) (26, 02622) = st df + Se st (2+6) + Se st (16-6)

2+6, 22624 = 2 e st df + Se (2+6) + Se st (16-6)

10, 6710

4 5 e st 6 bc = 2 f te sf - 5 - c sf 0 = -st d = -sd6 5- 8(4) (26, = 12 tele=st

itillizando los reglas básicas de transformas de Laplace, obtenga la transformado de las siguientes funciones. 1- f(t)= 463-262 +5 43 - 23 +5 = 45 - 23 +5 = 34 - 43 +5 = 34 - 45 +55 2-f(6)=3 \$ iros (56) 3 2 4 - 4 5 32725 = 5274 52725 3-f(+)= e-2+(4cas(3+)+ssin(3+) s+s+2 4 5 3 + 5 3 + 9 - 45 + 515 + 515 - 4515 - 4515 - 4515 - 4515 4-fct) = 300sh6t +85inh3t 3 5 183 = 35 1 70 5-f(t) = 1 (2-2005 of - of singt) 1 2 - 255 [0]d (0 5 - 52+102 ds (52+02)] - 1 [2 - 25 2025 52+02] 5/52+62/2