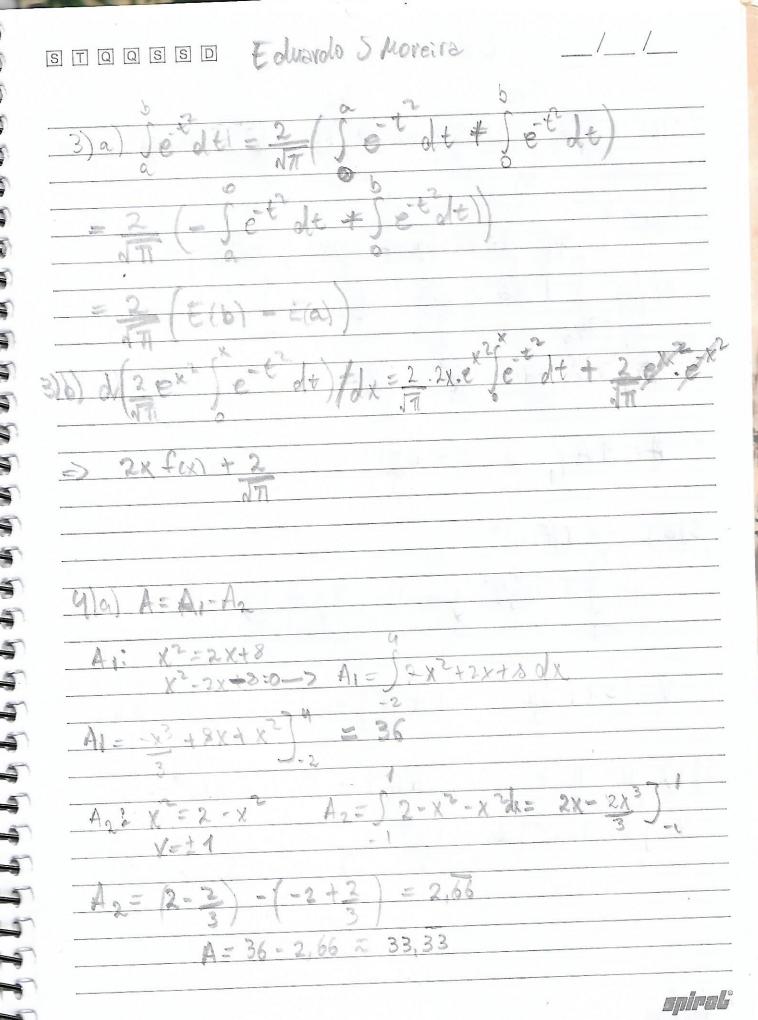
STQQSSD Edulardo S Moreira 1700 DX= 8-0 =2 (f(0)+f(2)+f(4)+f(6)) = 2(2+1+2-2)=6fex;) DX = 2(f(2)+f(4)+f(6)+f(8))=2(1+2-2+1)=4 E fai) (x = 2(f(1)+f(3)+f(5)+f(7))=2(3+2+1-1)=10 Spirali



// Lowardo 5 Morevra STQQSSD
T/4 1/2
4/6) A = \$ 20050 do = 25 coso do = 25inty -25ino
Ar1 = 2
型 1=2(050 = 2050= 1 コローサ
$Ac_1 = \int \int d\Theta = \frac{1}{3} - (-\frac{\pi}{3}) = \frac{2\pi}{3}$
AT = AT - AG = 2-2T
A=4AT = 8-877
5)a) A= T(f(x))-
V= \ T(AT+y) T'dy -> V= Tg + Tg =]
$V = (3\pi + 9\pi) - (-\pi + \pi) \rightarrow V = 15\pi + \pi = 8\pi$
5) b) $A = \pi(R^2 - r^2) = \pi(x^2)^2 - \pi(x^3)^2 = \pi(x^4 - x^6)$
$V = \int T(x^4 - x^6) dx = Tx^5 - Tx = 2F$ $S = \frac{1}{5} - \frac{1}{5} = \frac{1}{5} - \frac{1}{5} = 2F$
spiral ^o

STQQSSD taluardo 5 Moreira _/_/_
Cardellon S Main
6) d(In(secx)) = 1 . Seex. tanx = tanx
Seex Seex
1- IT IN THE SERVICE
Jan Hank and Jack and
1= In Secx+tanx] = In 12+11-1417
$L = \ln \left(\sqrt{2} + 1 \right)$
7)a) A==20 -> A=26.20=520
Vm = 520 = 43,33
12
6) Sim, pelo teorema do Velor médio, em um
t qualquer à velocidade instantânea de uma particula
· ,

spirali