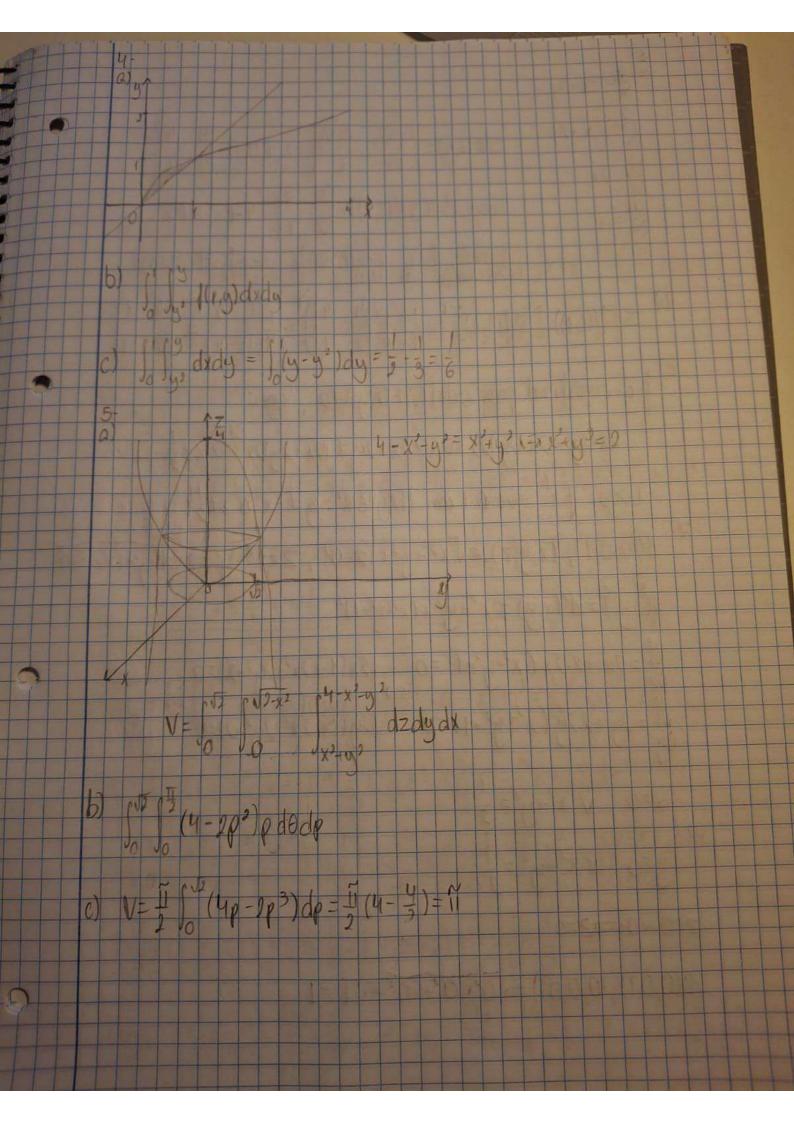
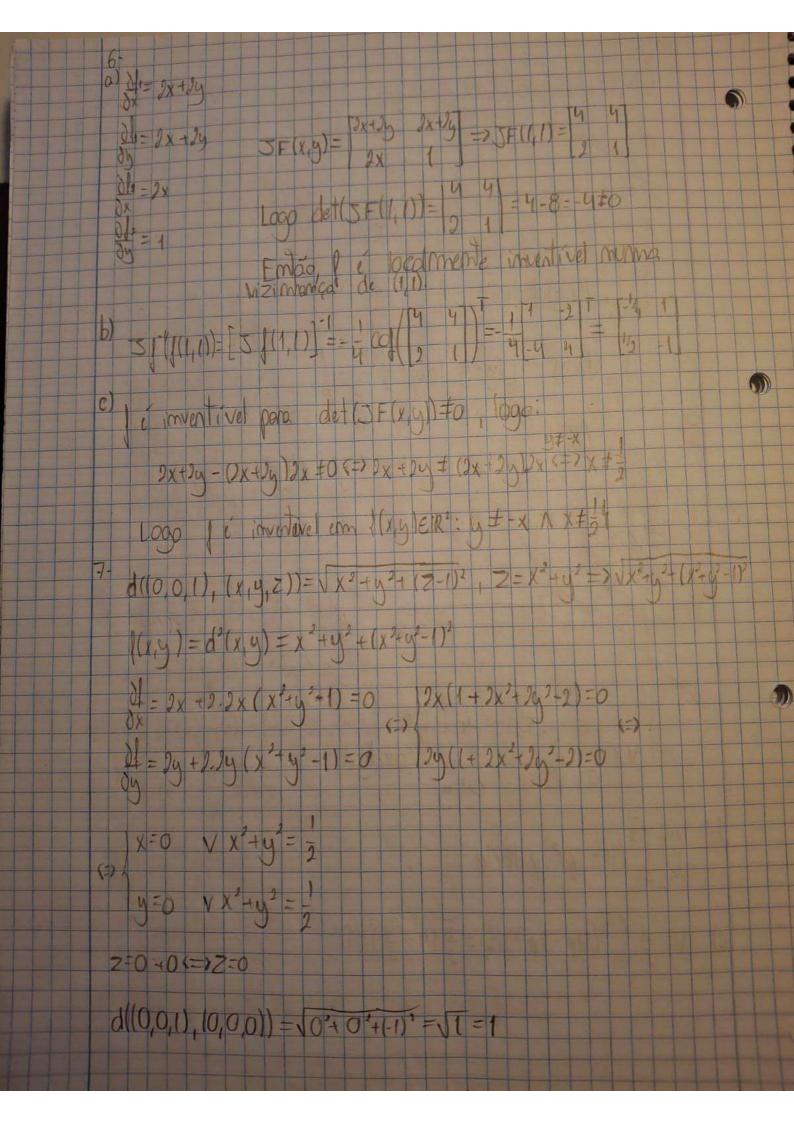


a) of = 2x - 4 = 0 | x = 2 | = > lago, Rando contico: (2, 3) 39 = 3y +6 =0) y= -3 38 = 2 372 374 - 0 H(9-3) = 2 0 d, 20 4 milmono 6) 1(1,+1)=1+1-4-6+5=-3 4(1,-1)=-2 2 (1,-1)=4 Loop, 1/2,412-3-2h, -4h, + - (2h, +2h, 1)= =-3-Dh +4h2+h,+h, a) $\nabla I(xyz) = (2x, 2y, 2z)$ b) div(F(x,y,z))=2xy+z2+x 1 e) not (F(x,y,z))=(-2yz,-z,-x+) 1 3 = 0 DF, = 242 0F3 = 2 0F1=0 DF2 = 0 dF1= x2 d) Lap(((x,y,z))= div(V((1,y,z))=2+1+2=6





800 91 LANGE TO STATE OF THE PARTY OF - 1×+1 4 @ (x,y) = x+y 5- 1-3x+1 (x+y) dydx (Xy + 9) y= - 5 x +1 X:0 6) my + 2 (-3) -34 4x2+4x)dx = 8x3+x3-+ 4 2 + 4 2 2 u(x+y)dydx mx 1))dx 3 + N. (76 · 3 (2 +3(-2+2 3 +2) mx my 1 576 Jc. X_C= 1000 e