- Listo 8 | Parlo 1-Jone tongente o aprovimo.

17-
$$e^{x}$$
 con $xy_1 \approx 1$
 $f(x,y_1) \approx f(0,0) + f_x(0,0)(x-0) + f_y(0,0)(y-0) = f(0,0) = f($

25-
$$Z=e^{-2x}$$
 con $2\pi t$
 $dz=dz$. $dx+\partial z$. dy
 dx
 dx
 dy
 dx
 dy
 dx
 dy
 dx
 dx

dz=dzdx+ oz.dy dz= 10x.dx + 2ydy (1,2) > 10.1. 0,05 + 2.2. 0,1= Q_1^9 $\Delta z = f(1.05, 2.1) - f(1, 2) =$ $5(1.05)^2 + (2.1)^2 - 5 - 4 =$ 0,9225 Volume do 12cm Cilindro: + V= MR²h Come OCM onlessura

deina em r: dr= 27thdr em h: dv= Mrdh du= 271rhdr+77r2dh dr=0,04 9 dh=2.0,04=0,08 dv= 271.4.12.0,04+ 77.141.0,08 dv=16.08 cm³ W=13,12+0,6215T-11,37616 1000 /ETA 0.16 7= 26 Km