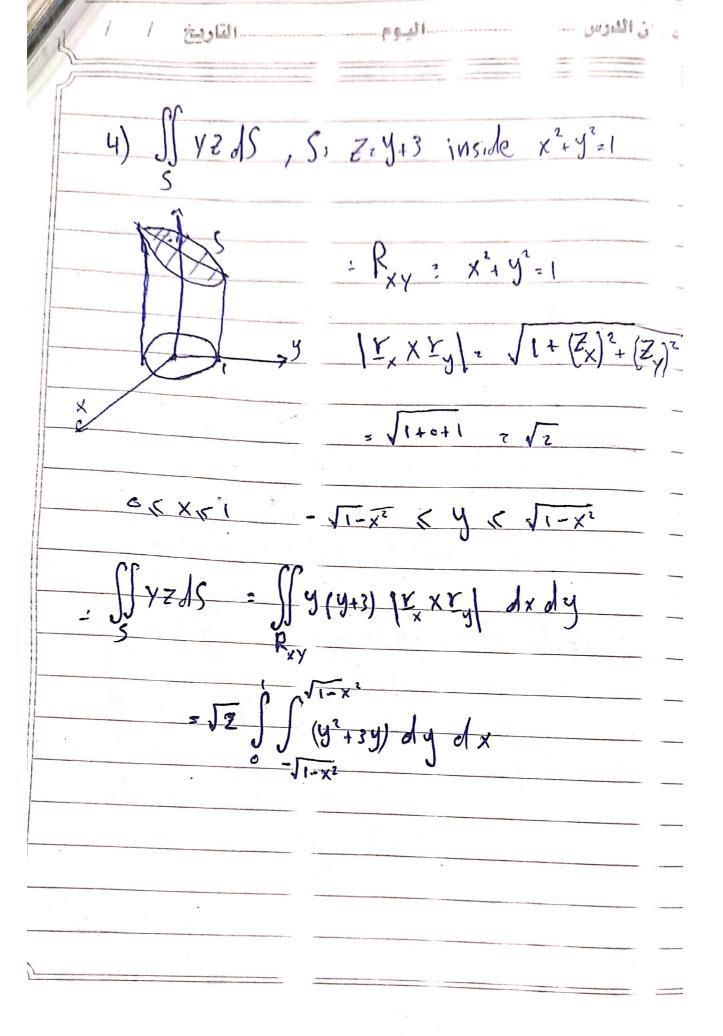
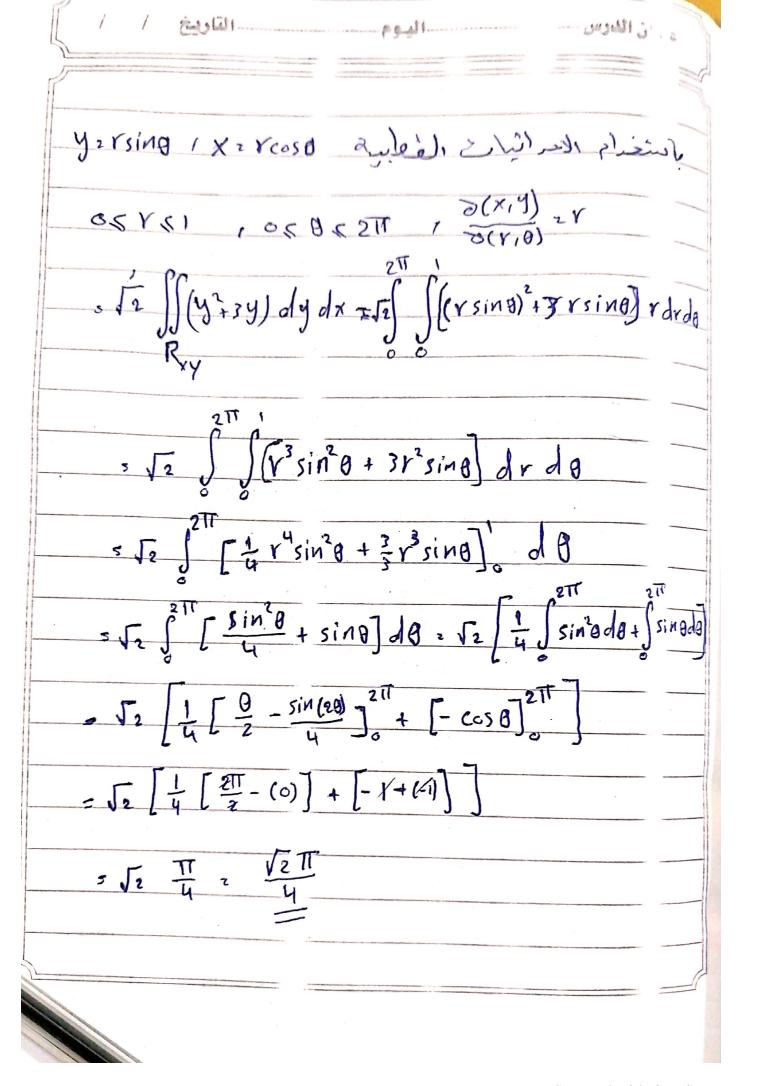


ولسؤال النالث سيكون في آخر ولحل





Fxdrz1Trc2j+zbck Y(t) = b cost i + b sint j + ctk (b,0,TTC) SI (-b,0,TTC) aboil as g F x dr & g F x dr dt : Y = X L + Y J + Zk Y(t) = b cost i + b sint j + ct k = Zzct => Fzcti dr = -bsinti+bcostj+ck $\frac{1}{-x} \frac{dx}{dt} = \frac{1}{ct} \frac{dx}{dt}$ $\frac{dx}{dt} = \frac{1}{ct} \frac{dx}{dt}$ $\frac{dx}{dt} = \frac{1}{ct} \frac{dx}{dt}$ $\frac{dx}{dt} = \frac{1}{ct} \frac{dx}{dt}$ = -e2tj+cbtcostk

