$\iiint_{V} x dx dy dz = \int_{0}^{h} x dx \iint_{0}^{h} dy dz - \int_{0}^{h} x dx \left(\frac{\pi R^{2} x^{k}}{h^{2}} \right)$ $=\int_{0}^{h} \frac{\pi R^{2} \chi^{3}}{h^{2}} d\chi = \frac{\pi R^{2}}{4h^{2}} \chi^{4} \int_{0}^{h}$ = 4x4R)2 3. Macca pubra SStdxdydz SStdxdydz = SSxtytzdxdydz = Slaxdy F#2 xtyt2dz $=\int dx/\cancel{x} cx + cy + \frac{c^2}{2} dy$ $= \int bcx + \frac{b^2c}{2} + \frac{bc^2}{2} dx$ - abc + abc + abc + = A subc catheta)