Aula 18 - 5.4/2m

Daniel Cimarim Vilela de Salis - 123.145

- $\iiint_B dx \cdot dy \cdot dz = \iint_K \left[\int_a^b dz\right] \cdot dx \cdot dy$

$4 \cdot \iint_K \left[\int_{-y}^{y} dz\right] \cdot dx \cdot dy = 4 \cdot \iint_K [2y]\, dx \cdot dy$

- $x = \rho \cdot \cos(\theta)$ e $y = \rho \cdot \operatorname{sen}(\theta)$

- Jacobino $dx \cdot dy = \rho \cdot d\rho \cdot d\theta$

$8 \int_0^{\pi} \int_0^{a} [\rho \cdot \operatorname{sen}(\theta)]\, \rho \cdot d\rho \cdot d\theta$