

$$x^{2} + y^{2} + z^{2} = (g S_{nn} y C_{0}, g)^{2} + (g S_{nn} y S_{nn} g)^{2} + (g C_{0}, y)^{2} =$$

$$= g^{2} S_{nn}^{2} y \left[ C_{0}^{2} g + S_{0}^{2} g \right] + g^{2} C_{0}^{2} y =$$

$$= g^{2} \left[ S_{nn}^{2} y + (o g^{2} y) \right] = g^{2}$$

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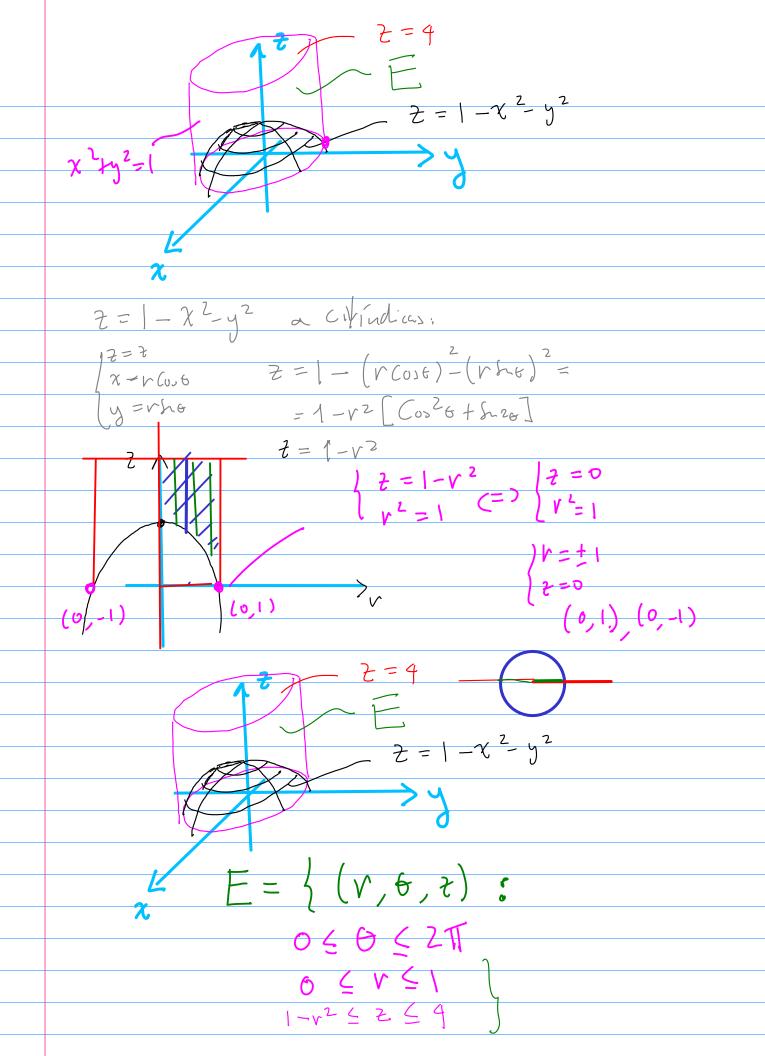
$$= g^{2} \left[ S_{nn}^{2} y + (o g$$

$$\int_{0}^{8} \frac{du}{3} = \frac{e^{u}}{3} \Big|_{0}^{8} = \frac{e^{8} - 1}{3}$$

$$= 2\pi \int_{0}^{\pi} \int_{0}^{\pi} \frac{e^{8} - 1}{3} d\varphi = 2\pi \left[\frac{e^{8} - 1}{3}\right] \int_{0}^{\pi} \int_{0}^{\pi} \int_{0}^{\pi} \varphi d\varphi$$

$$= 4\pi \left[\frac{e^{8} - 1}{3}\right]$$

Ejercuro: Sea E el sóldo admito de  $x^2 + y^2 = 1$ , debajo de x = 4 y encina de  $x = 1 - x^2 - y^2$  (Calcule: x = 4)  $x = 1 - x^2 - y^2$  (Calcule:  $x = 1 - x^2 - y^2$ ) (Calcule: x



$$(x,y,t)$$

$$(x,y$$

