27 radians correspond to

a circumference of 20 of 200

= dd. r

$$\frac{\partial(u,v_1)}{\partial(l,0)} = \begin{vmatrix} \frac{\partial v}{\partial r} & \frac{\partial v}{\partial s} \\ \frac{\partial v}{\partial r} & \frac{\partial v}{\partial s} \end{vmatrix} = \frac{\partial v}{\partial r} \cdot \frac{\partial v}{\partial s} - \frac{\partial v}{\partial s} \cdot \frac{\partial v}{\partial r}$$

$$\int_{X^{2}+1^{2}} \int_{X^{2}+1^{2}} e_{1}\varphi(-(x^{2}+x_{3}^{2})/2\sigma^{2})$$

$$R = \sqrt{x^{2}+1^{2}} \qquad \theta = \int_{X^{2}-1^{2}} (x) \qquad \int_{X^{2}} \int_{X^{2}} \frac{1}{x} dx$$

$$X = Read = gi'(R, \theta) \qquad e_{3}\theta = \frac{\pi}{6}$$

$$X = R \cos \theta = gi'(R, \theta)$$

 $Y = R \sin \theta = gi'(R, \theta)$

Unde he hunden, he ifinitesimal area dxdy in the x, y place trunsferms to he area area area of the ro place:

S:0 = M

$$\frac{\partial(x,3)}{\partial(r,0)} = \begin{vmatrix} \frac{\partial x}{\partial r} & \frac{\partial x}{\partial \theta} \\ \frac{\partial x}{\partial r} & \frac{\partial x}{\partial \theta} \end{vmatrix}$$

$$\int uv(r,\theta) = \int xy(x,3) \left| \frac{\partial(x,7)}{\partial(r,\theta)} \right|_{x=9; (r,\theta)}$$

$$= \exp(-r^2/2\sigma^2) r$$

$$= \exp(-r^2/2\sigma^2) r$$