$$\begin{array}{l}
\text{D} f(x_{1}) = \{e^{(x_{1},y_{2})} \\ 0 \\
\text{D} \\
\text{$$



$$() = \int_{-\infty}^{\infty} \int_{-$$

$$= \int_{0}^{9} \frac{1}{2} \frac{1}{1} \int_{-1}^{9} dy_{2} = \int_{0}^{9} \frac{2C}{2} + \frac{1}{2} dt_{2} = \frac{(C+\frac{1}{2})}{2} \frac{9}{2} = \frac{26}{2} + \frac{6}{2}$$

$$F_{xy}(0)(0) = \begin{cases} 0.00 + 0.00 & se -150.51, 05051 \\ 2 & 5e & 9.21, 9.21 \end{cases}$$

a) Visu of use
$$M_A$$
 $M = IT$, entur $K = III$

$$\mathcal{L}_{g}(\theta) = \int_{-\sqrt{g^{2}}}^{\sqrt{\log 2}} \frac{1}{\pi} doc = \left| \frac{2}{\pi} \sqrt{1-\theta^{2}} \right| Se^{-1797}$$

$$C.C$$

$$\alpha \mathcal{N}_{xy}(\gamma, \omega) = \frac{1}{4}$$

$$P_{0}(0) = \int_{-1}^{1} \frac{1}{4} dx = \frac{1}{2} se^{-17071}$$

a) Vegu equi
$$\int \int_{R} = 4\pi . Grtin, f(x,0,0) = \frac{3}{4\pi}$$

de Outo:
$$\int_{-1}^{1} \int_{-2\pi}^{3\pi} \sqrt{1-x^2-6^2} = \int_{0}^{2\pi} \int_{0}^{1} \frac{3}{2\pi} (1-r^2)^{2r} \int_{0}^{1} dr d\theta$$

Se RZ:

$$G(\alpha) = \int_{-2}^{2} \frac{1}{4} d\phi = \frac{1}{2}$$

(1)
$$\int_{0}^{2} \int_{0}^{2} \int_{0}^{2}$$

(3)
$$f(x_1) = \frac{1}{3}(3-2i-2x_1)dx_2 = \frac{1}{3}\int_0^2 3-2i-2x_2dx_2$$

$$= \frac{1}{3}\left(\frac{3\times2}{2} - \frac{1}{2}(3-2i-2x_1)dx_2 - \frac{1}{3}\int_0^2 3-2i-2x_2dx_2$$

$$= \frac{1}{3}\left(\frac{3\times2}{2} - \frac{1}{2}(3-2i-2x_1)dx_2 - \frac{1}{2}\int_0^2 3-2i-2x_2dx_2$$

$$= \frac{1}{3}\left(\frac{3\times2}{2} - \frac{1}{2}(3-2i-2x_1)dx_2 - \frac{1}{2}\int_0^2 3-2i-2x_2dx_2$$

$$= \frac{1}{3}\left(\frac{1}{3} - \frac{1}{3}(3-2i-2x_1)dx_1 - \frac{1}{3}(3x_1|_0^2 - \frac{1}{3}(4-6)=1)$$

$$= \frac{1}{3}\int_0^3 -\frac{1}{2}(x_1-x_1)dx_1 - \frac{1}{3}\left(\frac{3x_1|_0^2 - \frac{1}{2}(1-6)=1}{3}(1-\frac{1}{2}x_1)dx_1 - \frac{1}{3}(\frac{3x_1|_0^2 - \frac{1}{2}(\frac{1}{2}x_1)dx_2}{3}dx_1 - \frac{1}{3}(\frac{3x_1|_0^2 - \frac{1}{2}(\frac{1}{2}x_1)dx_1}{3}dx_2$$

$$= \frac{1}{3}\left(\frac{3}{3} - \frac{1}{2} - \frac{1}{3}x_1\right) - \frac{1}{3}\left(\frac{3}{3} - \frac{1}{3} - \frac{1}{3}x_1$$

Venus sur dependentes visto opu fill (g/z) + (g/z) 1/h).