



Kreisscheibe mit Mittelpunk (m1_,m_2) mit Radius r

$$M = \{ (x_1, x_2) \in |R^2 | x_1^2 + x_2^2 \in 1 \}$$

$$f(x_1) = 2$$

$$\int f(x_1) = 1$$

$$\int f(x_1) = 1$$

$$\int f(x_1) = 1$$

$$\int f(x_2) = 1$$

$$\int f(x_1) = 1$$

$$\int f(x_2) = 1$$

$$\int f$$

$$|X_{1}| \leq 1 \iff -1 \leq X_{1} \leq 1$$

$$|X_{1}| \leq 1 \iff X_{2} = 1 - X_{1} = 1$$

$$|X_{2}| \leq 1 - X_{2} = 1$$

$$\int_{A} dy = \int_{A} \int_{A} \int_{A} dx_{1} dx_{2} dx_{3} dx_{4} dx_{5} dx_{7} dx_{1} dx_{1} dx_{1} dx_{1} dx_{1} dx_{2} dx_{3} dx_{4} dx_{5} dx_{1} dx_{2} dx_{3} dx_{4} dx_{5}$$

Polarhand idee SE [O, ZII] re [o,1] P(r,s) = (rcos(s),

$$\begin{cases}
1 \cdot \Gamma & ds dr \\
to 1 \times [0,21] \\
findicia$$

$$= \int_{0}^{1} \left[3 \cdot r \right]^{2\pi} dr$$

$$\int_{0}^{1} 2\pi \cdot \Gamma d\Gamma = 2\pi \cdot \left[\frac{k^{2}}{2}\right]$$

$$= 17.$$

PT (1) = Z

kreisge ?