$$\int \frac{(x^{2}+1)^{2}}{x^{3}} dx = \int \frac{x^{4}+2x^{3}+1}{x^{3}} dx = \int \left(\frac{A}{b} + \frac{B}{b} + \frac{C}{b}\right) dx = \\
= \int \left(x+2x^{-1}+x^{-3}\right) dx = \frac{x^{2}}{2}+2 \ln|x| + \frac{x^{-2}}{2} + C = \frac{x^{-2}$$

$$\int_{X} e^{1-x^{2}} dx \left| \frac{t^{2}-1-x^{2}}{dt=-2x} dx \right| = \int_{Z} e^{t} dt = -\frac{1}{2} \int_{Z} e^{t}$$