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$$\int x \frac{1-x^{2}}{\sqrt{1-x^{2}}} dx =$$

$$= \int -\frac{3t^{4}}{3} dt = -\frac{3}{2} \int t^{4} dt =$$

$$= -\frac{3}{2} \times \frac{t^5}{5} + C \cdot C \in \mathbb{R} =$$

$$= -\frac{3}{2} \times \frac{(\sqrt[3]{4-\alpha^2})^5}{5} + C, C \in \mathbb{R} =$$

$$= -\frac{3\sqrt{(1-x^2)^2(1-x^2)}}{10} + C, C \in \mathbb{R}$$

$$\int \frac{3\alpha}{4+x^{4}} dx =$$

$$= \int \frac{3}{2(4+t^2)} dt = \frac{3}{2} \int \frac{1}{4+t^2} dt =$$

=
$$\frac{3}{2} \times \frac{1}{2} \times \text{ardg} \left(\frac{1}{2}\right) + c, c \in \mathbb{R}$$

=
$$\frac{3}{4}$$
 arcty $\left(\frac{x^2}{2}\right) + c$, $c \in \mathbb{R}$

(9)
$$\int_{-1}^{1} \arccos(\alpha) d\alpha \stackrel{4}{=} \frac{0.5}{3} \times \left[f(-1) + 4 + (-0.5) + 2 + (0) + 4 + (0.5) + f(1) \right] =$$

$$= \frac{0.5}{3} \times \left[3.14 + 4 \times 2.09 + 2 \times 1.57 + 4 \times 1.05 + 0 \right] =$$

$$= \frac{0.5}{3} \times 18.84 = \frac{1}{6} \times 18.84 = \frac{18.84}{6} = 3.14$$

$$\int_{-1}^{1} \left(4 - e^{-x} \right) - \sqrt{1 - \alpha^2} \, dx$$

$$x^{2} + y^{2} = 1 \Leftrightarrow y = \pm \sqrt{1-a^{2}}$$

t = 3/1-22

$$x^2 + y^2 = 1$$
 (=) $x = 2\sqrt{1 - y^2}$

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	μ=-1 -0 μ-e-	(-1) = 4 -	e		
د	c = 1 - 4 - e-1	= 4 - <u>1</u>			
Perimetro =	. (4-e) + (4- <u>1</u>)	+ 27 × 12	+ - 51 11) [(4-ex))]2 dx =	
≥ 8 - e -	$\frac{1}{e}$ + $\frac{1}{2}$ + $\frac{1}{2}$	14 (-e-x)	² dx =		
= <u>8e - e¹ -</u>	-1+ We +	$\sqrt{1 + e^{-2a}}$	da		