

Payametrisching and
$$\chi$$

Stagli $\chi(1) = \cos(1)$ day 1 har granser

 $\chi(1) = \sin(1)$

Stage:

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$$\begin{cases} y = 1 - x^{2} \\ x \ge 0 \\ y = 0 \end{cases}$$

Pom

$$\overline{f}(t) = (t, 1-t^2)$$

Stes 2

$$\frac{d\overline{r}}{dt} = (1, 21)$$

$$\overline{H}(\overline{FG})$$
 • $\frac{d\overline{b}}{d\overline{A}} = -1 + t^2 - 2t^2 = -t^2 - 1$

Stes 3

$$\int_{\mathcal{T}} \frac{1}{\sqrt{2}} \cdot d\vec{r} = \int_{-\infty}^{\infty} -c^2 - 1 dt = \frac{4}{3}$$

