$$\frac{1}{\sqrt{2}} \int_{0}^{\sqrt{2}} \cos x \, dx \leq \frac{1}{2}$$

As draftering nach oben:

$$\int_{-\infty}^{\infty} \cos x \, dx < \int_{-\infty}^{\infty} -1 \, dx = \int_{-\infty}^{\infty} dx = A_{0} = \frac{\pi}{2} \cdot 1 : \frac{\pi}{2} = \int_{-\infty}^{\infty} \cos x \, dx < \frac{\pi}{2}$$

Abschützung nach unten:

=>
$$\int \cos x \, dx$$
> $\int \cos x \, dx$ >