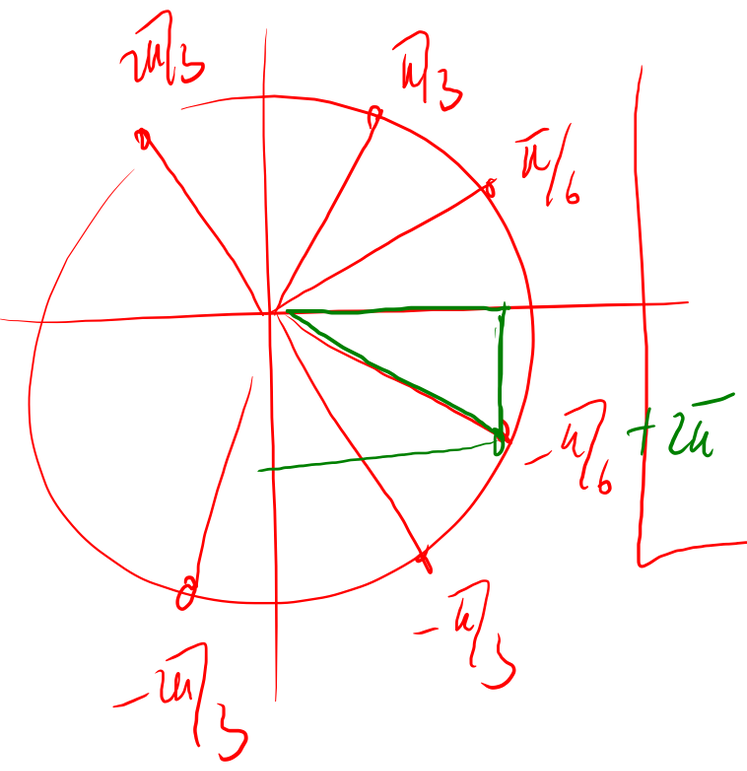
Valeurs exactes

sin, cos, tan



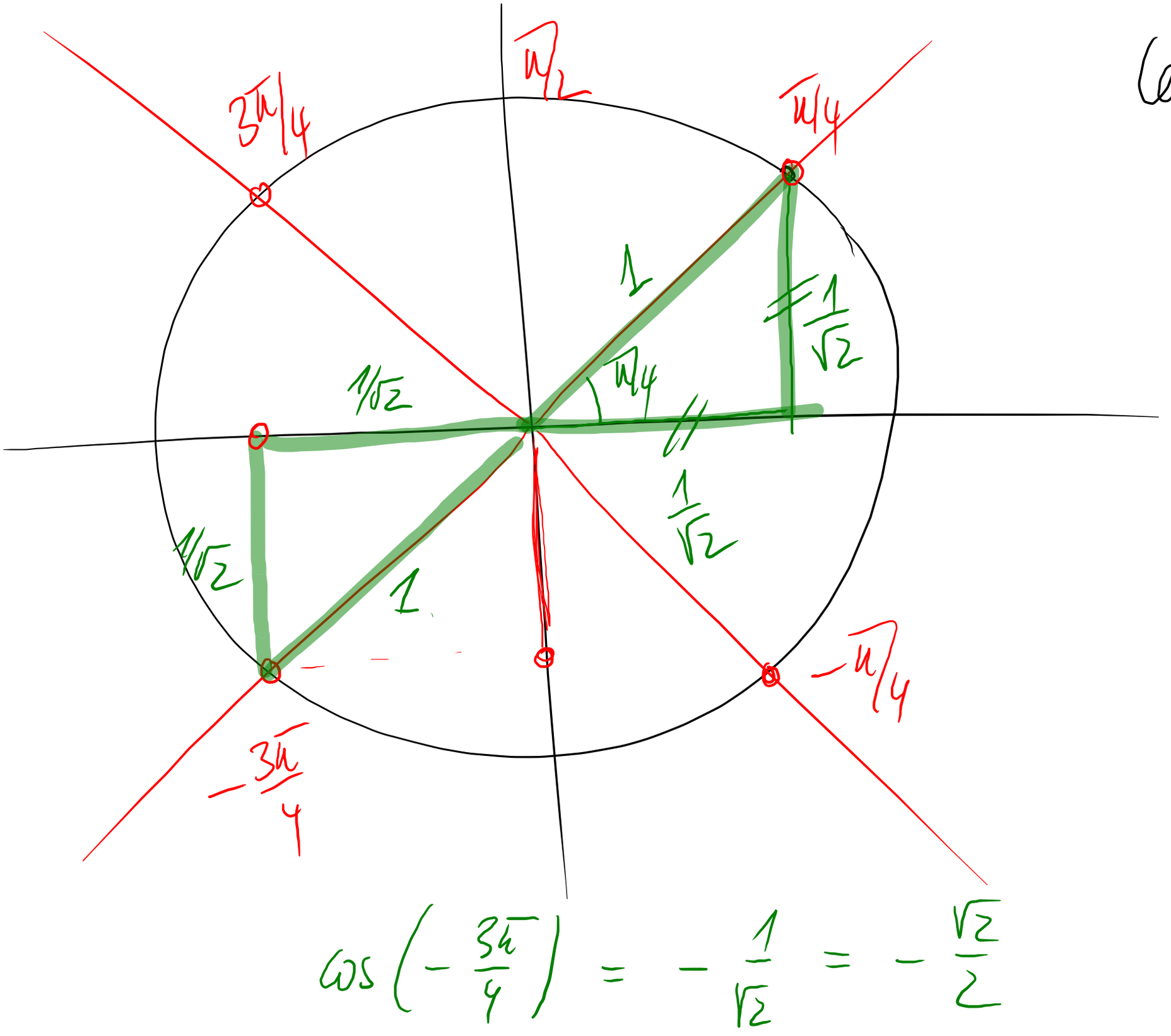
$\pm 45°$; $\pm 90°$; $\pm 135°$; $180°$

$\pm \frac{\pi}{4}$; $\pm \frac{\pi}{2}$; $\pm \frac{3\pi}{4}$; 0 ; π ← 45°

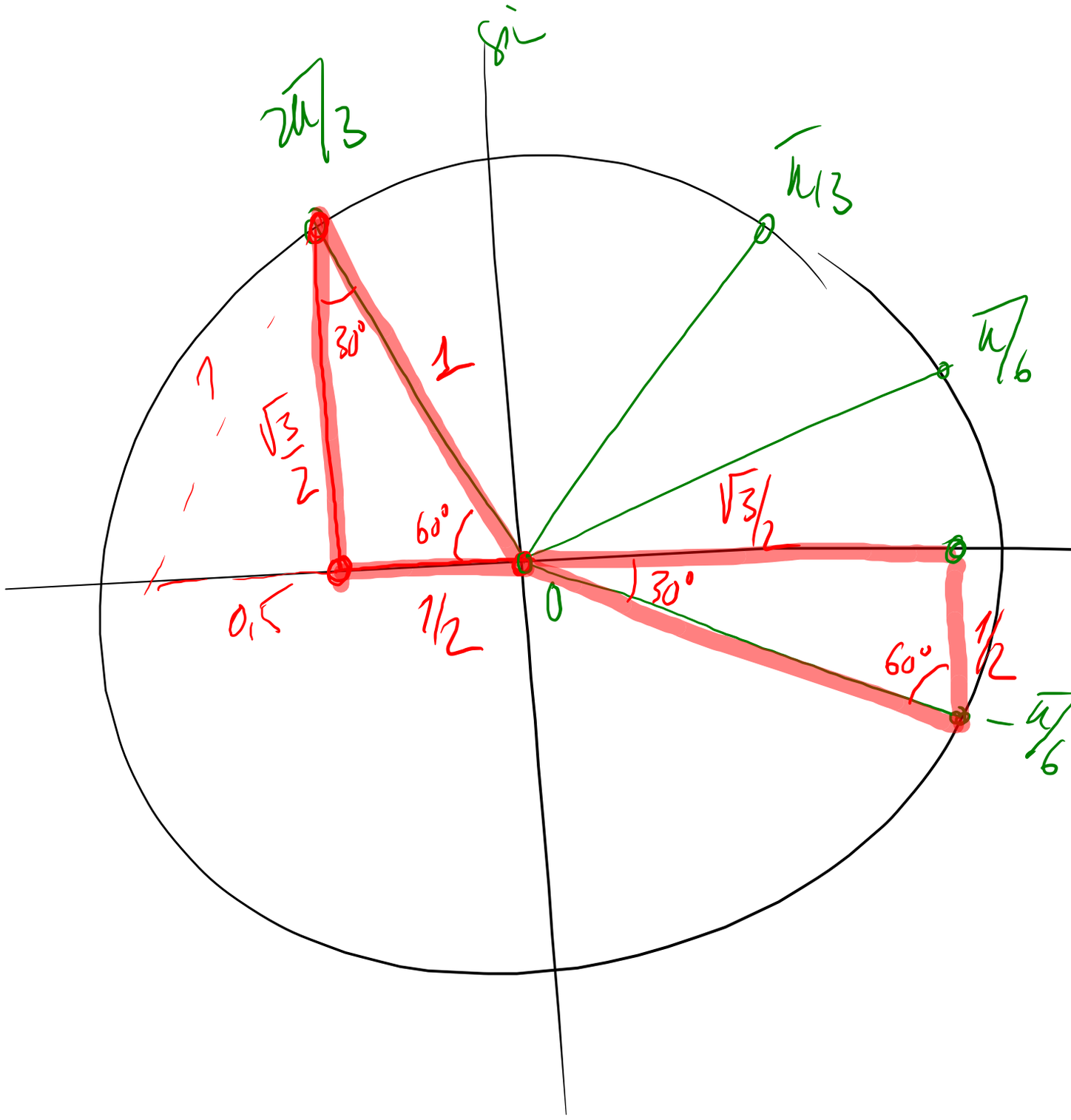
$\pm \frac{\pi}{6}$; $\pm \frac{\pi}{3}$; $\pm \frac{2\pi}{3}$ ← 30°

$\pm 30°$; $\pm 60°$; $\pm 120°$

Cercle Trigo



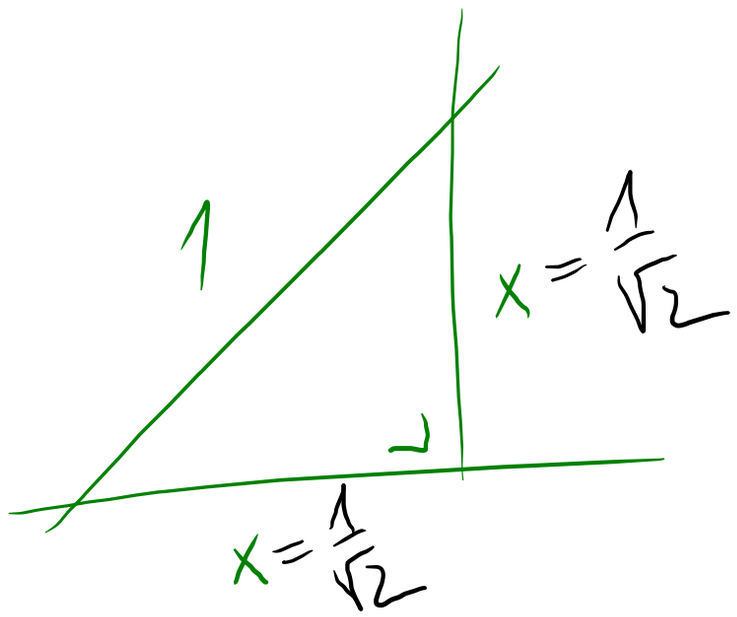
$$\cos\left(-\frac{3\pi}{4}\right) = -\frac{1}{\sqrt{2}} = -\frac{\sqrt{2}}{2}$$



$$\cos\left(-\frac{\pi}{6}\right) = \frac{\sqrt{3}}{2}$$

$$\cos\frac{2\pi}{3} = -0{,}5$$

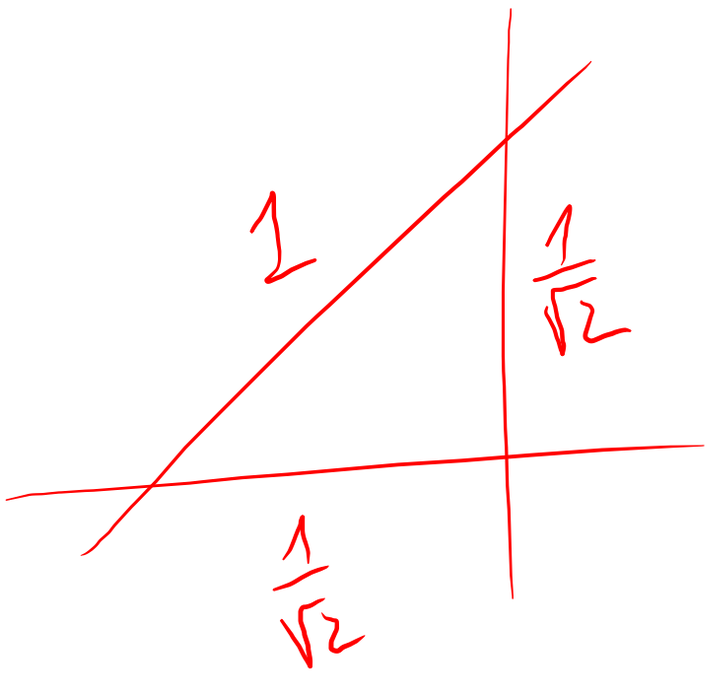
$$\sin\frac{2\pi}{3} = \frac{\sqrt{3}}{2}$$



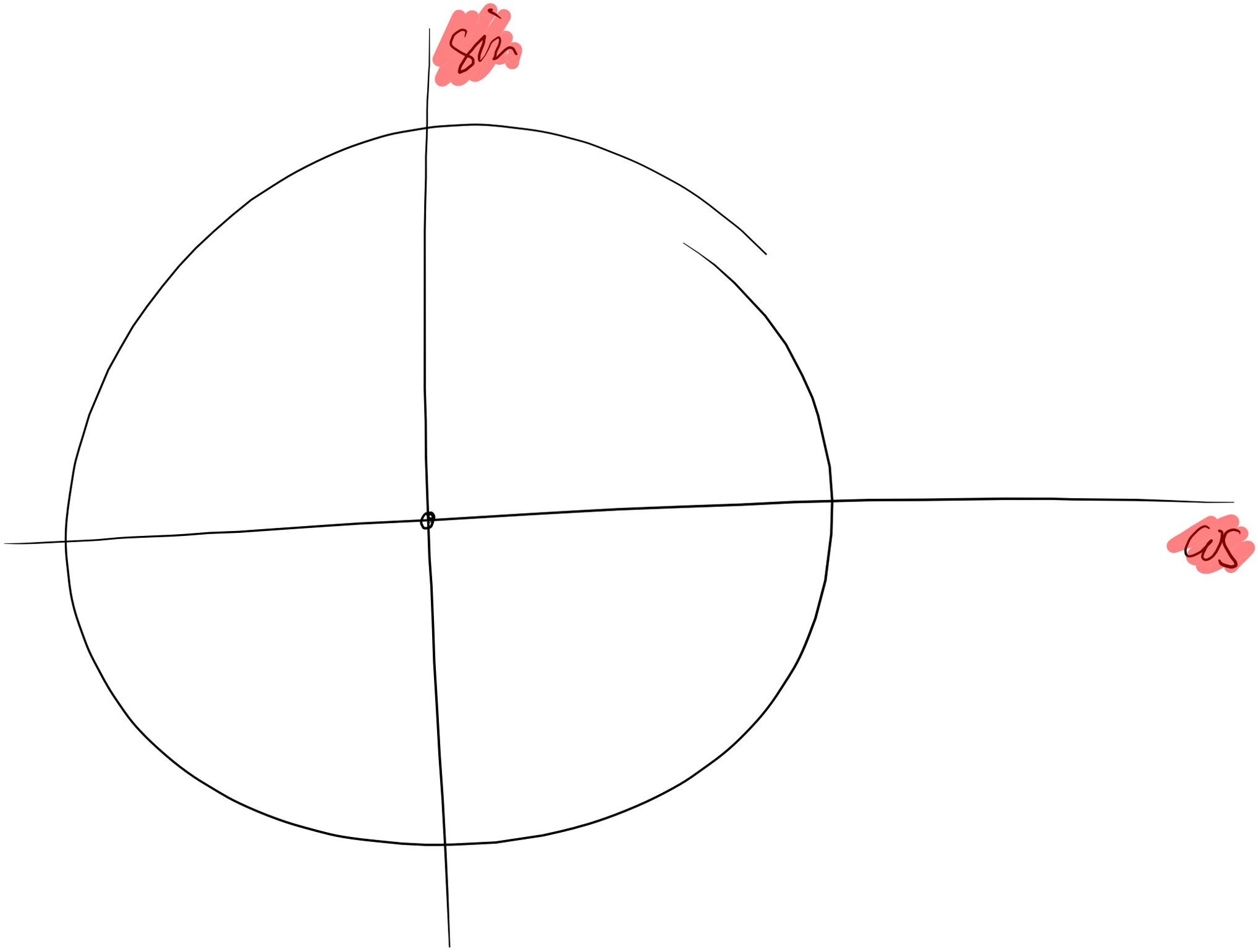
$$x^2 + x^2 = 1^2$$

$$2x^2 = 1$$

$$x^2 = \frac{1}{2}$$

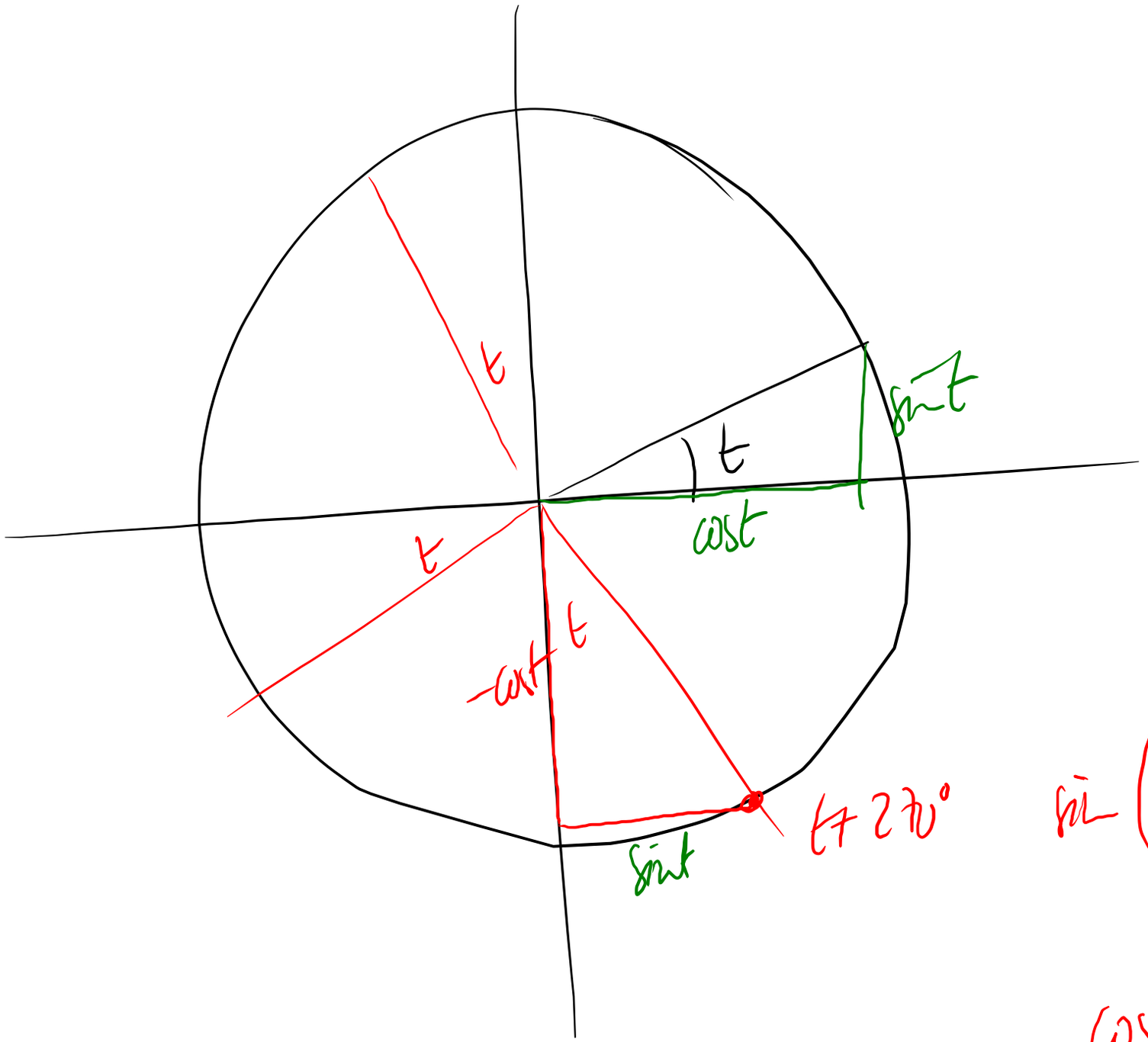


$$x = \sqrt{\frac{1}{2}} = \frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$$


sin
cos

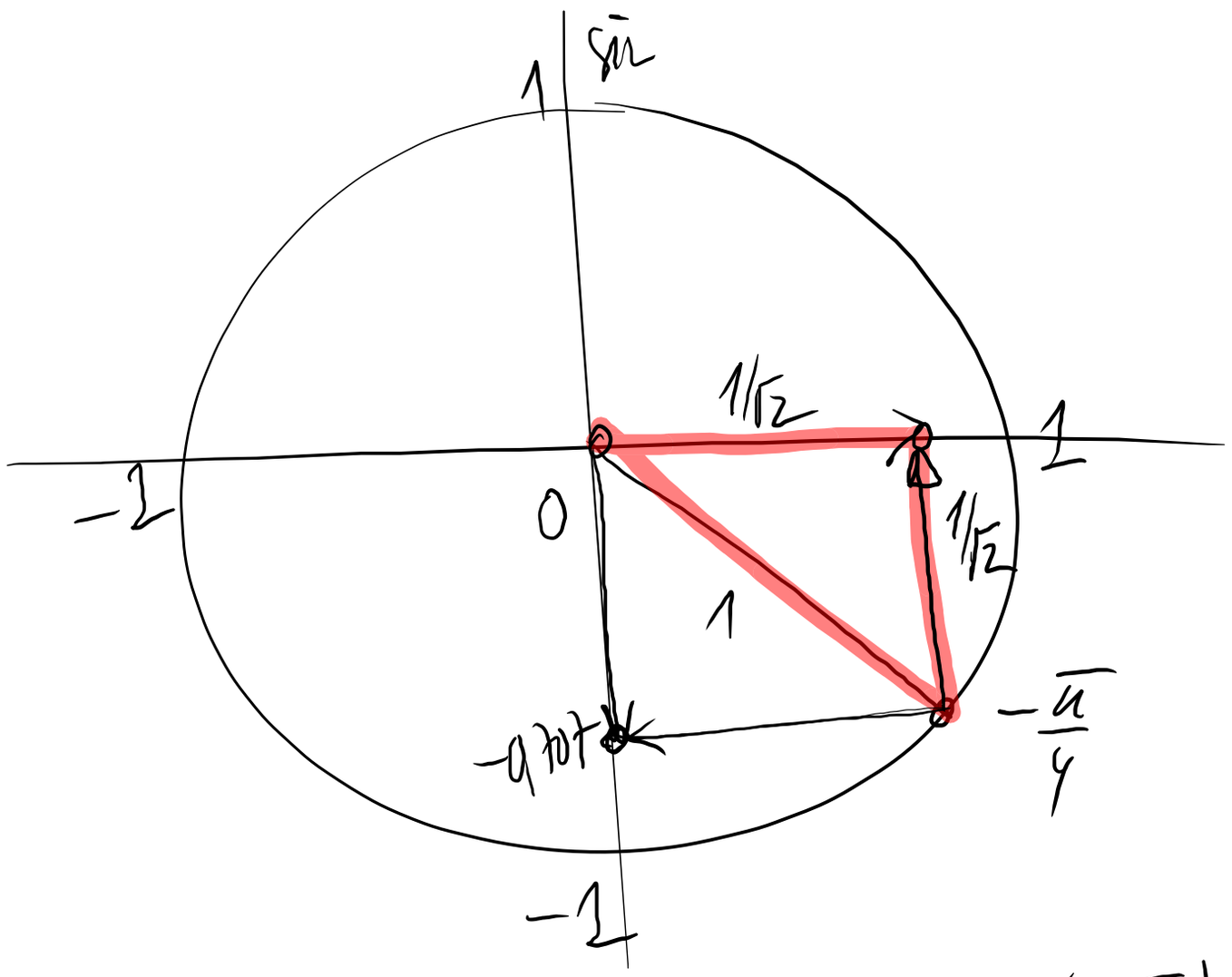
$$ax^2 + bx + c = a(x - x_1)(x - x_2)$$

$$x_1 \quad x_2 \quad -\frac{b \pm \sqrt{\Delta}}{2a} \qquad \Delta = b^2 - 4ac$$



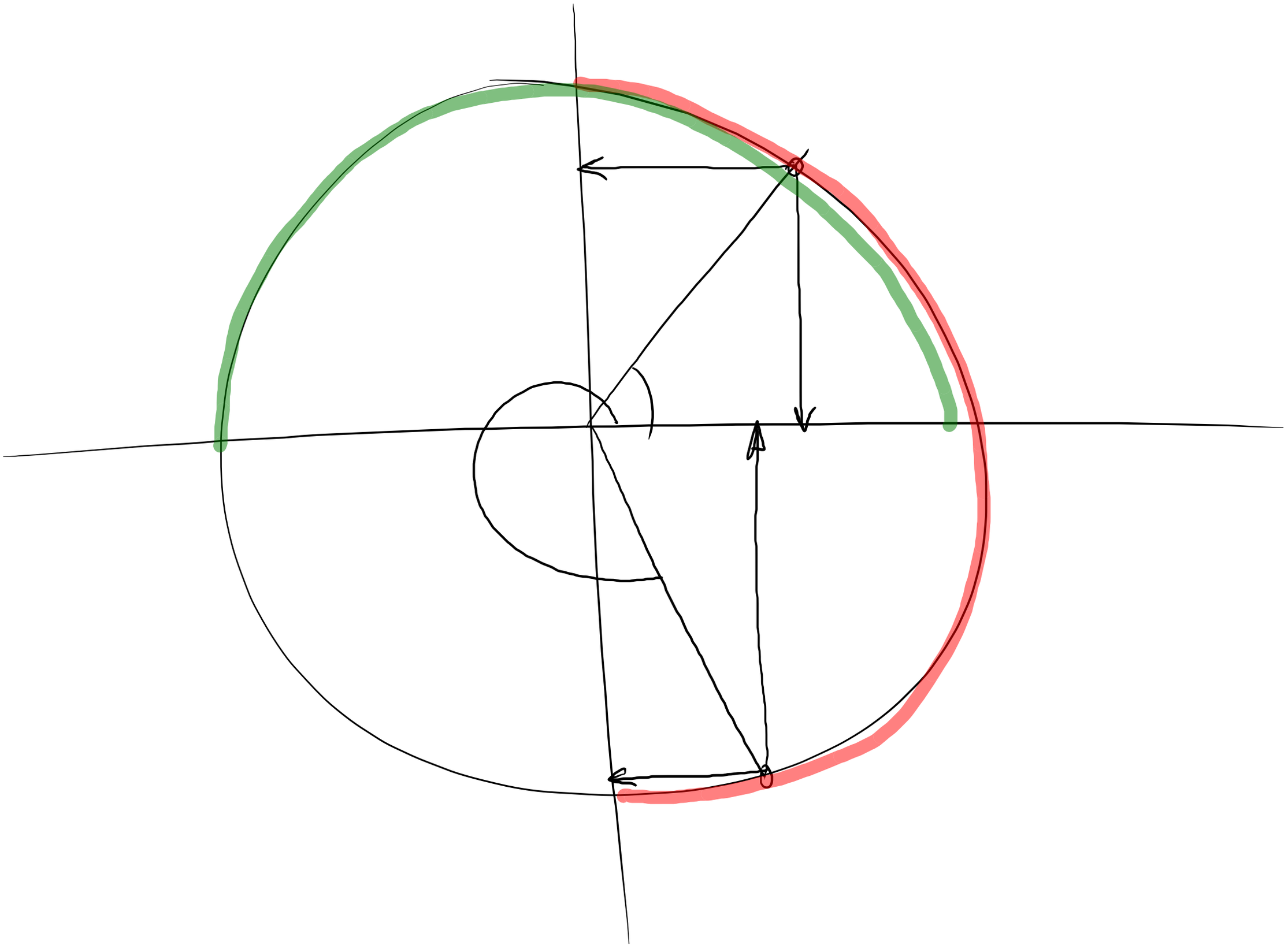
$$\sin(t+270^\circ) = -\cos t$$

$$\cos(t+270^\circ) = \sin t$$

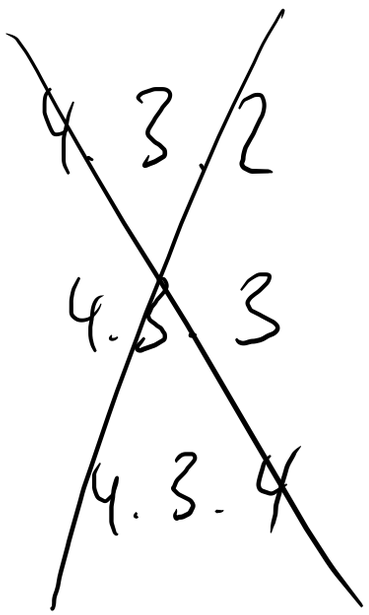


$$\cos\left(-\frac{\pi}{4}\right) = \frac{1}{\sqrt{2}}$$

$$\sin\left(-\frac{\pi}{4}\right) = -\frac{1}{\sqrt{2}} \simeq -0{,}707$$



27 mars

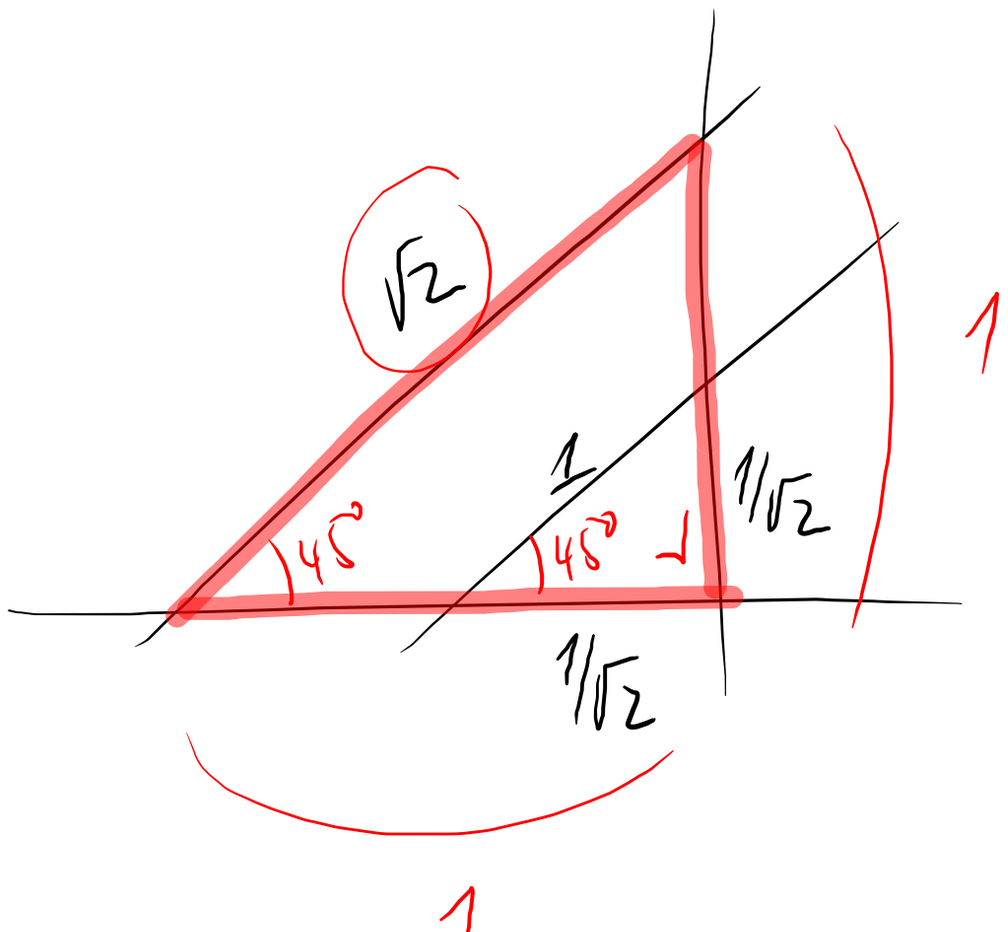


24 avril

4.3.2

4.3.3 ✓

4.3.4



$$\sin 45^\circ = \frac{1}{\sqrt{2}} = \frac{1/\sqrt{2}}{1}$$

1