

CIRCONFERENZA GONIOMETRICA



$P(x_p; y_p)$

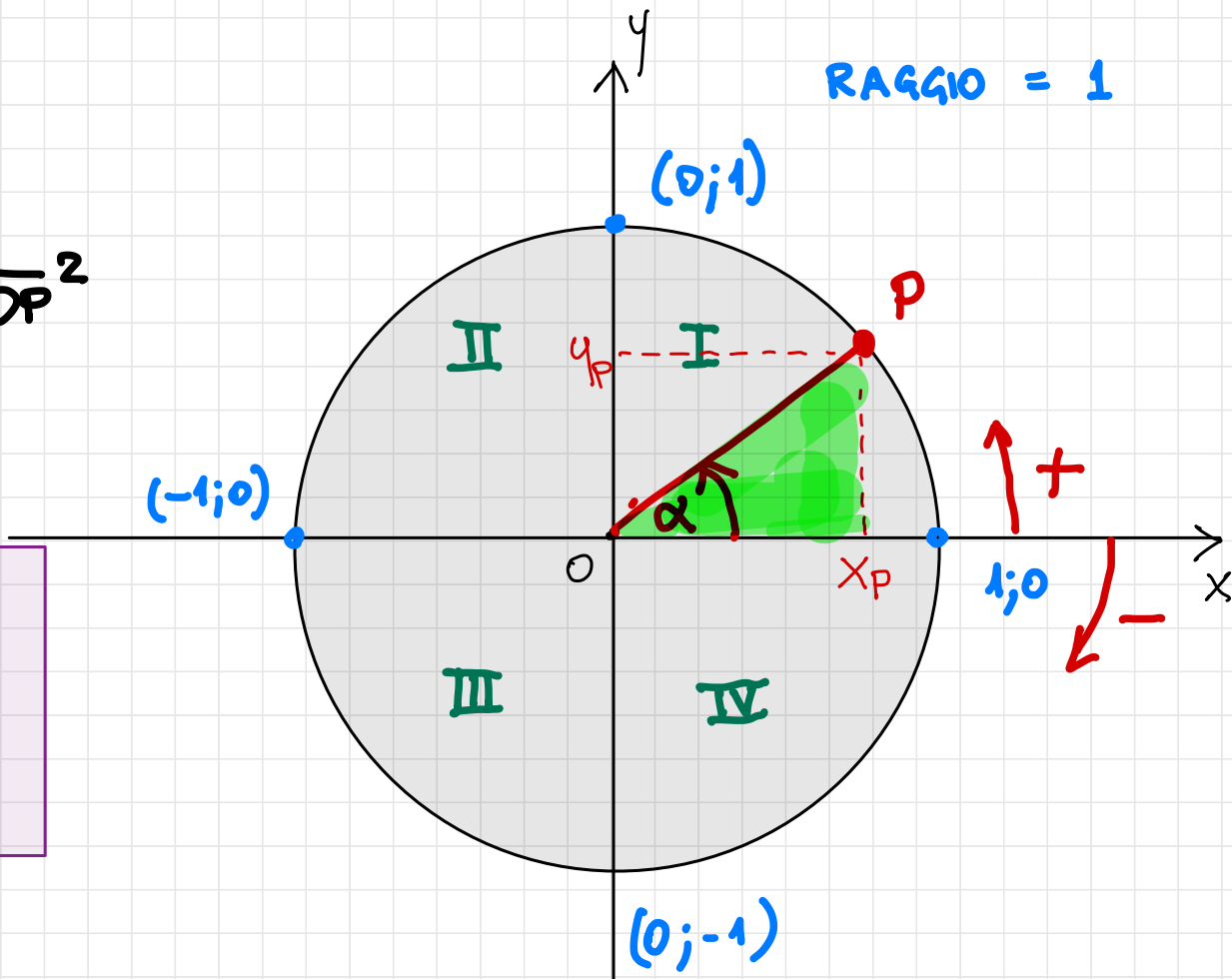
$$x^2 + y^2 = \overline{OP}^2$$

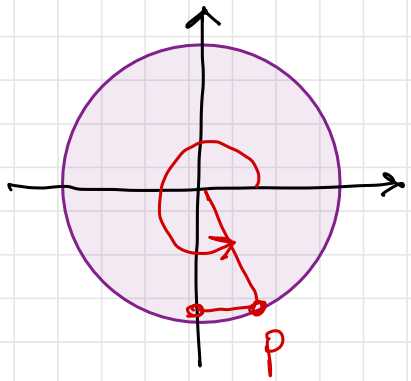
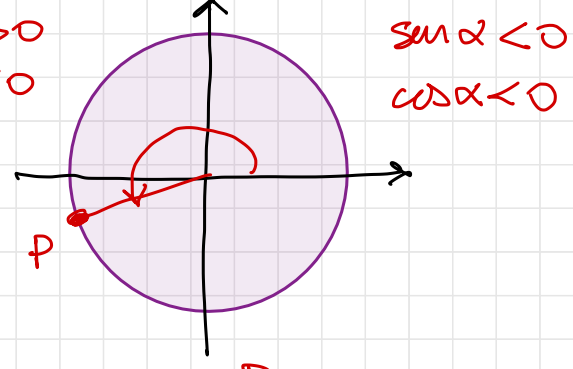
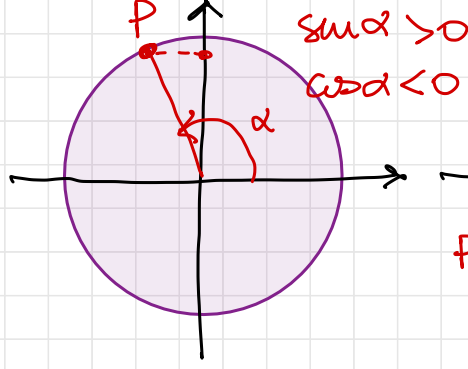
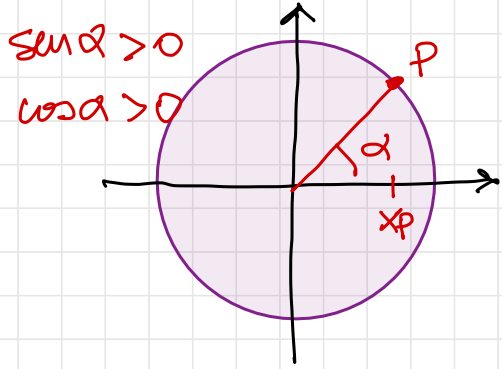
$$x_p^2 + y_p^2 = 1$$

DEFINIZIONE

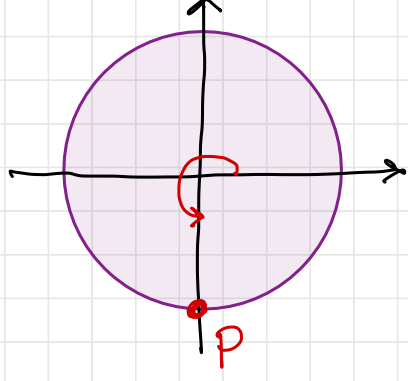
$$x_p = \cos \alpha$$

$$y_p = \sin \alpha$$

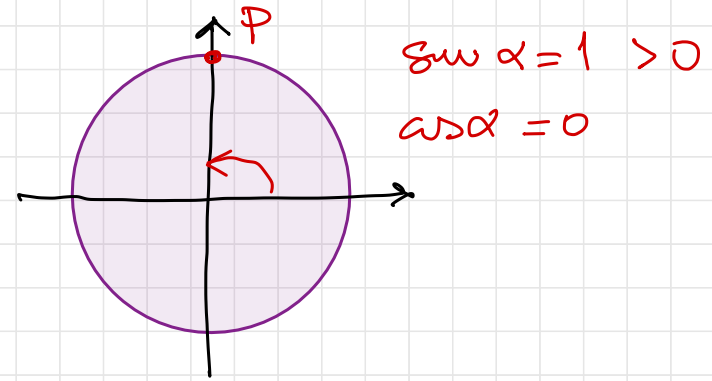


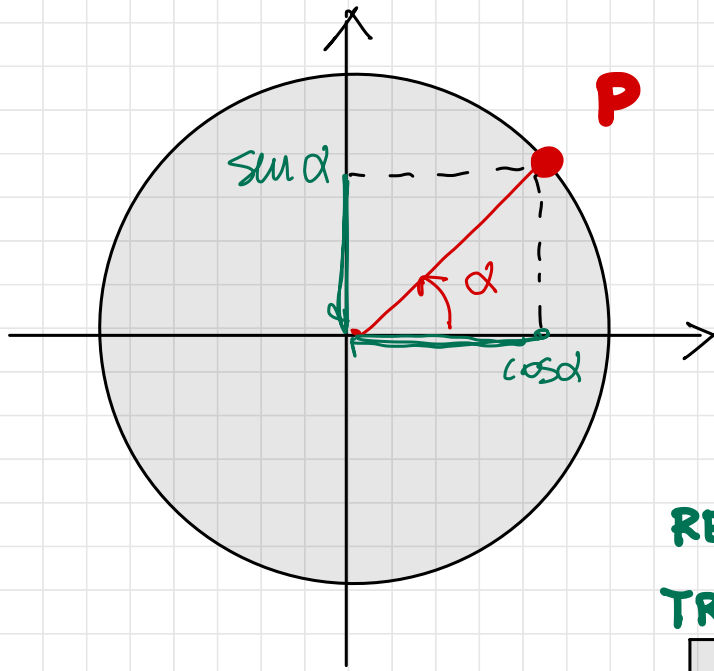


$\sin \alpha < 0$
 $\cos \alpha > 0$



$\sin \alpha < 0$
 $\cos \alpha = 0$





$$-1 \leq \sin \alpha \leq 1$$

$$-1 \leq \cos \alpha \leq 1$$

VARIAZIONI DI SENO E COSENO

RELAZIONE FONDAMENTALE DELLA TRIGONOMETRIA

$$\sin^2 \alpha + \cos^2 \alpha = 1$$

ESEMPIO: DOV'È $\cos\left(-\frac{\pi}{3}\right)$?

