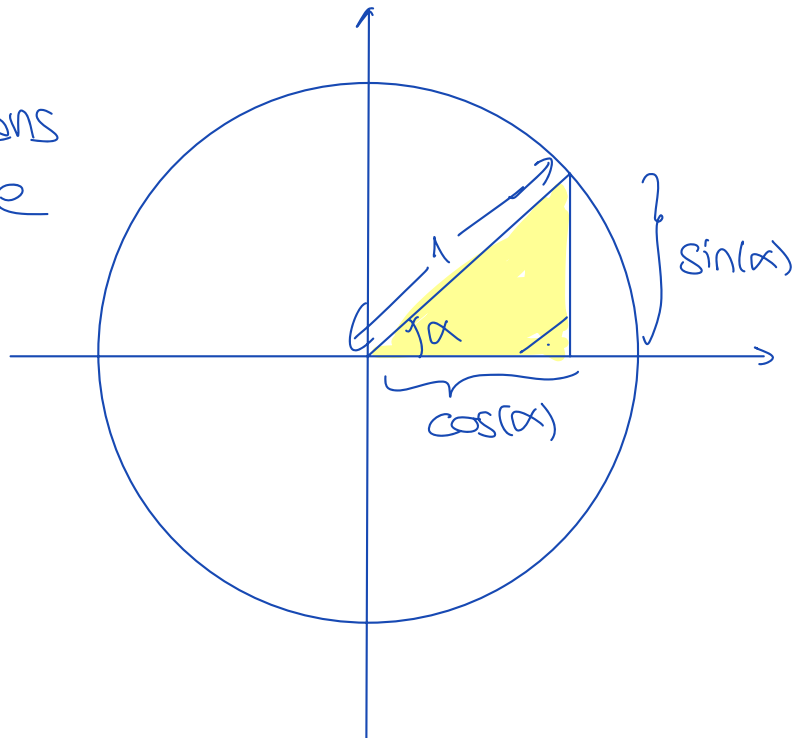


Relations fondamentales

1) $\sin^2(\alpha) + \cos^2(\alpha) = 1$ ♥

preuve :

Pythagore dans
le $\triangle$ rectangle



2) $\tan(\alpha) = \frac{\sin(\alpha)}{\cos(\alpha)}$ ♥

preuve.

Thalès :

$$\frac{\tan(\alpha)}{1} = \frac{\sin(\alpha)}{\cos(\alpha)}$$

