

$$u \in \Re^2 \wedge \|u\| = 1$$

■ *Triangulo*



- $u \cdot v \stackrel{\|u\|=\|v\|}{=} \|u\|^2 * \cos(\alpha) = -\frac{1}{2}$
- $u \cdot w \stackrel{\|u\|=\|w\|}{=} \|u\|^2 * \cos(\alpha) = -\frac{1}{2}$

■ *Cuadrado*

- $u \cdot v \stackrel{\|u\|=\|v\|}{=} \|u\|^2 * \cos(90^\circ) = 0$
- $u \cdot w \stackrel{\|u\|=\|w\|}{=} \|u\|^2 * \cos(45^\circ) = \frac{\sqrt{2}}{2}$