

# IDENTIDADES DE EULER

$$e^{\pm j\theta} = \cos \theta \pm j \operatorname{sen} \theta$$

$$e^{\pm jk\pi} = \cos(k\pi)$$

$k = \text{Nos. enteros}$

$$\cos \theta = \frac{e^{j\theta} + e^{-j\theta}}{2}$$

$$e^{\pm j\frac{\pi}{2}} = \pm j$$

$$\operatorname{sen} \theta = \frac{e^{j\theta} - e^{-j\theta}}{j2}$$

$$A \angle \pm \theta = A e^{\pm j\theta}$$