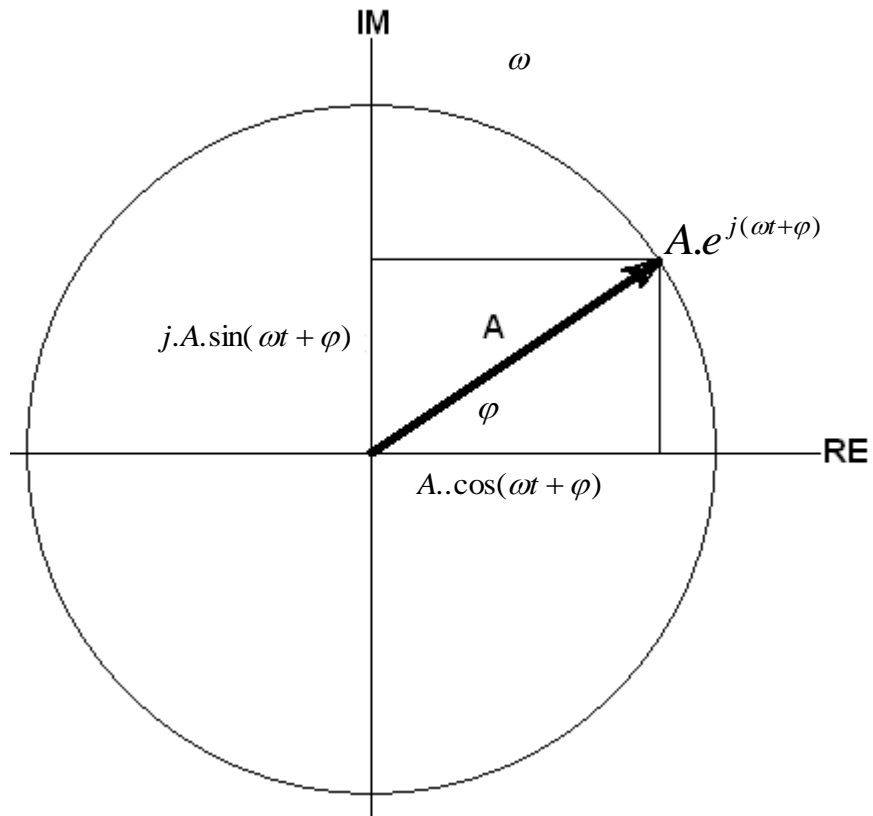


Weergave roterende vector in complex vlak**FORMULE VAN EULER**

$$A.e^{j(\omega t + \phi)} = A.\cos(\omega t + \phi) + jA.\sin(\omega t + \phi) = RE + jIM$$

Goniometrie regels:

$$\cos - (\omega t + \phi) = \cos(\omega t + \phi)$$

$$\sin - (\omega t + \phi) = -\sin(\omega t + \phi)$$

$$\frac{e^{j(\omega t + \phi)} + e^{-j(\omega t + \phi)}}{2} = \cos(\omega t + \phi)$$

$$\frac{e^{j(\omega t + \phi)} - e^{-j(\omega t + \phi)}}{2j} = \sin(\omega t + \phi)$$