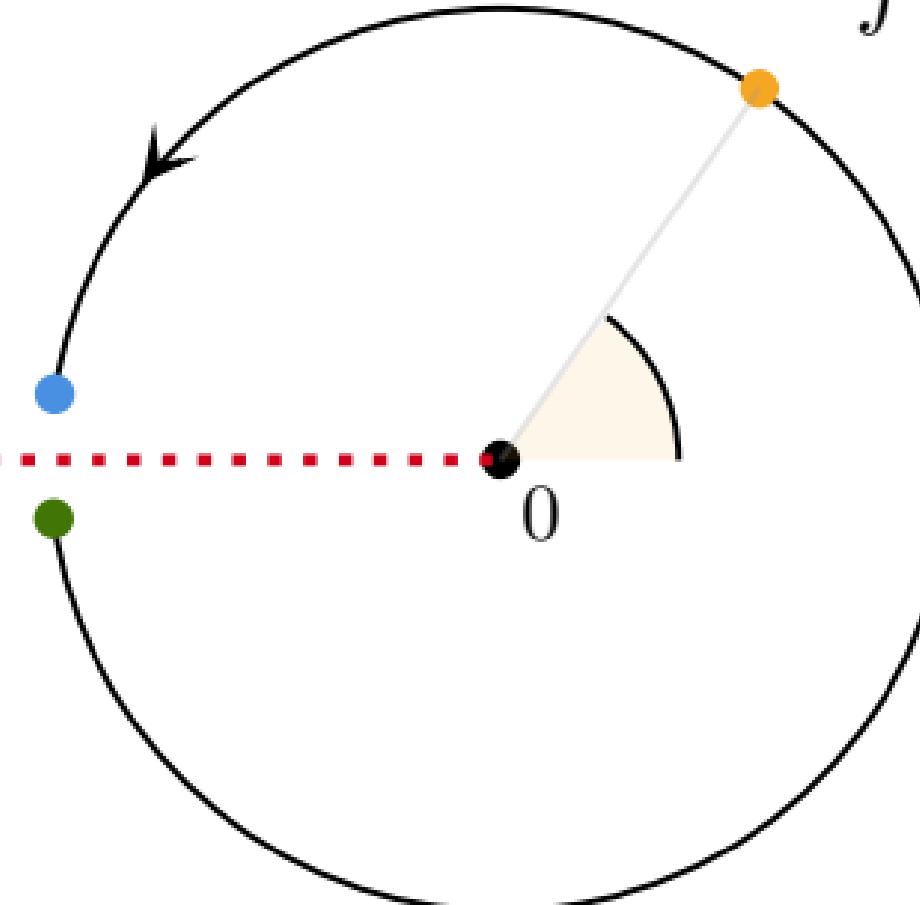


$$f(e^{i\theta}) = e^{\frac{i\theta}{2}}$$

$$f(e^{i\pi}) = e^{\frac{i\pi}{2}}$$

$$f(e^{-i\pi}) = e^{-\frac{i\pi}{2}}$$



$$f(1) = 1$$