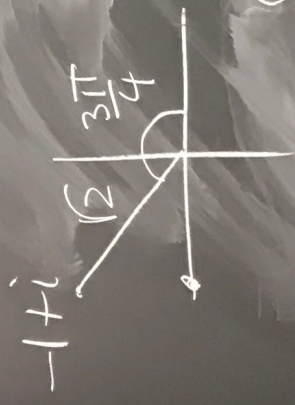


$$r = -1 + i = \sqrt{2} e^{i \frac{3\pi}{4}} \quad \text{Der med } z^F$$



$$X_n = (\sqrt{2})^n \left(E \cos n \cdot \frac{3\pi}{4} + F \sin n \cdot \frac{3\pi}{4} \right)$$

Startverdi: $1 = X_0 = E + 0, E = 1$ $F = 3$

$$X_n = (\sqrt{2})^n \left(\cos n \frac{3\pi}{4} + 3 \sin n \frac{3\pi}{4} \right) \quad z = X_1 = \sqrt{2} \left(E \left(-\frac{1}{2}\right) + F \cdot \frac{1}{2} \right)$$