

$$\begin{aligned} \cos i &= \left\{ \cos z = \frac{e^{iz} + e^{-iz}}{2} \right\} = \frac{e^{i^2} + e^{-i^2}}{2} \\ &= \frac{e^{-1} + e^1}{2} = \frac{e^1 + e^{-1}}{2} = \cosh 1 \end{aligned}$$