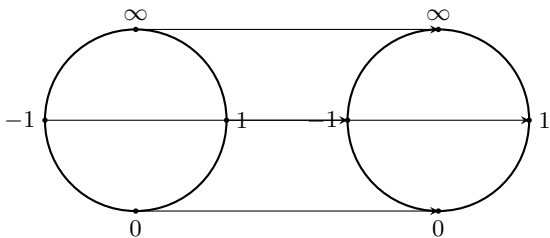
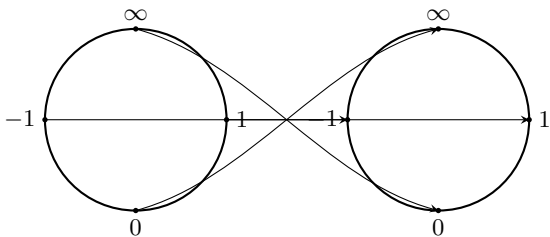


$R(z) = z$ (identity on the Riemann sphere)



$R(z) = \frac{1}{z}$ (inversion: $0 \leftrightarrow \infty$)



$R(z) = \frac{1-z}{1+z}$ (Möbius map: $0 \leftrightarrow 1$, $\infty \mapsto -1$)

