

$$R(z) = z \iff F([z_0 : z_1]) = [z_1 : z_0] \quad R(z) = \frac{1}{z} \iff F([z_0 : z_1]) = [z_0 : z_1] \models \frac{1-z}{1+z} \iff F([z_0 : z_1]) = [z_1 - z_0 : z_1 + z_0]$$

