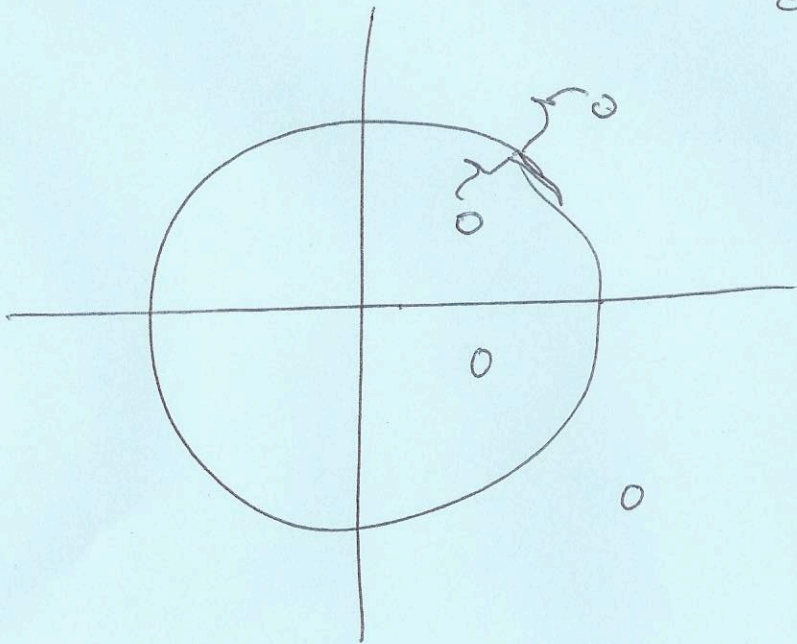


FIR zeros

$$H(1/z) = z^m (H(z))$$

if  $z_0$  is a zero of FIR

$\Rightarrow 1/z_0$  is also zero



symmetric FIR

zeros in 4-tuples

$$\left\{ z, 1/z, \bar{z}, \frac{1}{\bar{z}} \right\}$$