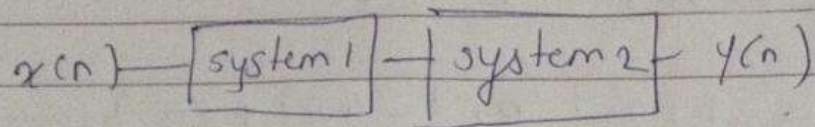




Week Problem 7

$$H(z) = (1 + 2z^{-1} - z^{-2})(1 + z^{-1} - z^{-2})$$



$$H_1(z) = 1 + 2z^{-1} - z^{-2} \quad \dots \text{system 1}$$

$$H_2(z) = 1 + z^{-1} - z^{-2} \quad \dots \text{system 2}$$

