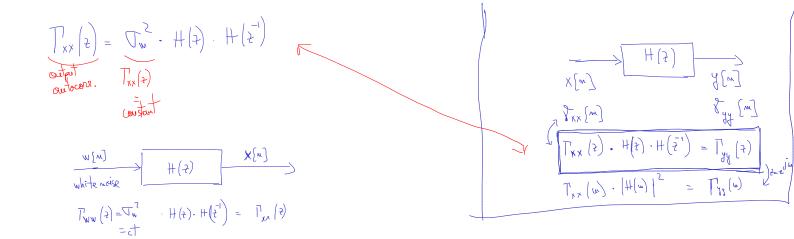
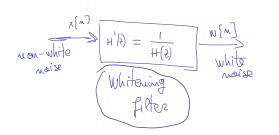
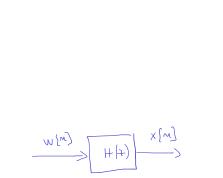


Reciprocal







Madel types (for roudon processes):

That observes with Moving Average 
$$ARMA(P/2)$$

$$H(z) = \frac{B(z)}{A(z)} \frac{(degree 2)}{(degree P)} = \frac{b_0 + b_1 z^2 + ... + b_2 z^2}{1 + a_1 z^2 + ... + a_p z^2}$$

$$\frac{1}{1} \frac{\text{Autor Regressive process}}{H(2)} = \frac{1}{A(2)} = \frac{1}{1+\alpha_1^2+...+\alpha_p^{2p}}$$

Moving Average process 
$$MA(2)$$
:
$$H(2) = B(2) = bo + b_1 + b_2 = b_2$$

To general (for ARMA process):  $\times \left[ v \right] = - \sum_{k=1}^{K=1} o(^k \times \left[ w - k \right] + \left[ \sum_{k=0}^{K=0} p^k w^k \left[ w - k \right] \right]$ E { out b } = E { ny+E/6} E & c. Q = c . E ( an) = E | - E ak x[n-k] · x[n-m] + E bk w[n-k] · x[n-m] |  $= -\sum_{|L=1}^{6} C(k + \sum x[m-k] \cdot x[m-m]) + \sum_{|L=2}^{6} b(k + \sum w[m-k] \cdot x[m-m])$ 5 pr. 1 mx (m-k) = --- = [m. 5 pr. pk+m] myen m = 6 mye  $\begin{cases} \sum_{k=1}^{\infty} \sum_$ (8xx[0] + a, 8xx[-1] + az8xx[-2]+... +ap8xx[-P] + Tw2  $\underbrace{M=4}, \quad \begin{cases} x_{X\times}[i] + \alpha_{1} & x_{X\times}[i] + \alpha_{2} & x_{X\times}[-i] + \dots & \alpha_{p} & x_{p} & (1-p) = 0 \end{cases}$  $\begin{cases} \int_{X \times} [p^{-1}] + \alpha_1 \cdot \delta_{x \times} [p^{-2}] + \alpha_2 \cdot \delta_{x \times} [p^{-3}] + \dots & \alpha_p \cdot \delta_{x \times} [-1] = 0 \\ \delta_{x \times} [p] + \alpha_1 \cdot \delta_{x \times} [p^{-1}] + \alpha_2 \cdot \delta_{x \times} [p^{-2}] + \dots + \alpha_p \cdot \delta_{x \times} [Q] = 0 \end{cases}$ 

