ADD (p,q)

$$y_{t} = 0 + \alpha_{1} \cdot y_{t-1} + ... + \alpha_{p} \cdot y_{t-p} + \frac{1}{4} \cdot y_{t} +$$

Autoregressive form:
$$1 \approx 1$$
 slow decay

$$\Im L = \lambda (1-\lambda) + \beta (1-\lambda) \chi_{\pm}$$
 $\lambda \approx 0$ fist decay

$$SR: \beta_0 = \beta(1-\lambda)$$
 $\widetilde{y} = \lambda_0 + \beta_0 \widetilde{x} + \lambda \widetilde{y}$

$$p \le q$$
, p - order polynom:al

$$\beta_j = \gamma_0 + \gamma_{ij} + \dots + \gamma_{pj} \cdot j^p = \sum_{k=0}^p \gamma_k j^k$$

$$= (1-\lambda) y_{+}^{2} + \lambda (1-\lambda) y_{+-1}^{2} + \lambda^{2} (1-\lambda) y_{+-2}^{2} + \dots = (1-\lambda) \sum_{i=1}^{n} \lambda^{i} y_{+-i}^{2}$$

$$= (1-\lambda) \sum_{i=1}^{n} \lambda^{i} y_{+-i}^{2} + \sum_{i=1}^{n} y_{i}^{2} x_{i}^{2} + \sum_{i=1}^{n} y_{i}^{2} x_$$

> = 0,01/0,1 = 0,1