BOLKSMPT DPERMOR (LAG)

ARHA (3,3) :

=> Yt - \$1.76-1 - \$2.76-2 - \$3.76-3 =

 $= \mathcal{E}_{t} + \mathcal{O}_{1} \cdot \mathcal{E}_{t-1} + \mathcal{O}_{2} \cdot \mathcal{E}_{t-2} + \mathcal{O}_{3} \cdot \mathcal{E}_{t-3} \ (*)$

Backshift operator = I.

L. $y_t = y_{t-1} \Rightarrow L^2, y_t = y_{t-2} \cdots$

(*) = 1. yt - \$\phi_1 \cdot \log \log \cdot \log \log \cdot \log \log \cdot \log \log \cdot \log \l

 $= 1 \cdot \mathcal{E}_t + \partial_1 \cdot L \cdot \mathcal{E}_t + \partial_2 \cdot L^2 \cdot \mathcal{E}_t + \partial_3 \cdot L^3 \cdot \mathcal{E}_t \iff \Phi(L)$

 $(1 - \phi_1 L - \phi_2 L^2 - \phi_3 L^3) yt =$ $= (1 + \theta_1 L + \theta_2 L^2 + \theta_3 L^3) ct$

 $= \left(1 + \theta_1 L + \theta_2 L^2 + \theta_3 L^3\right) \mathcal{E}t \implies$

 $\Rightarrow \overline{\left[\Phi(L) \cdot y_t = \Phi(L) \cdot \mathcal{E}(t) \right]}$

It is a notation short out basicly