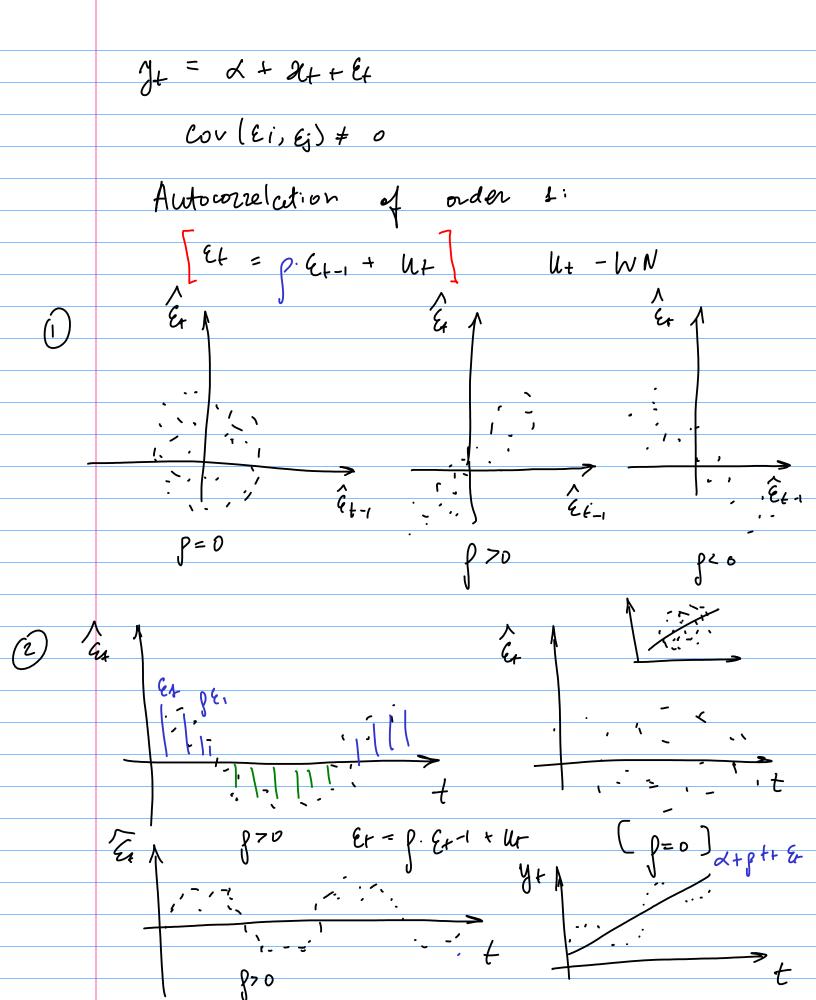
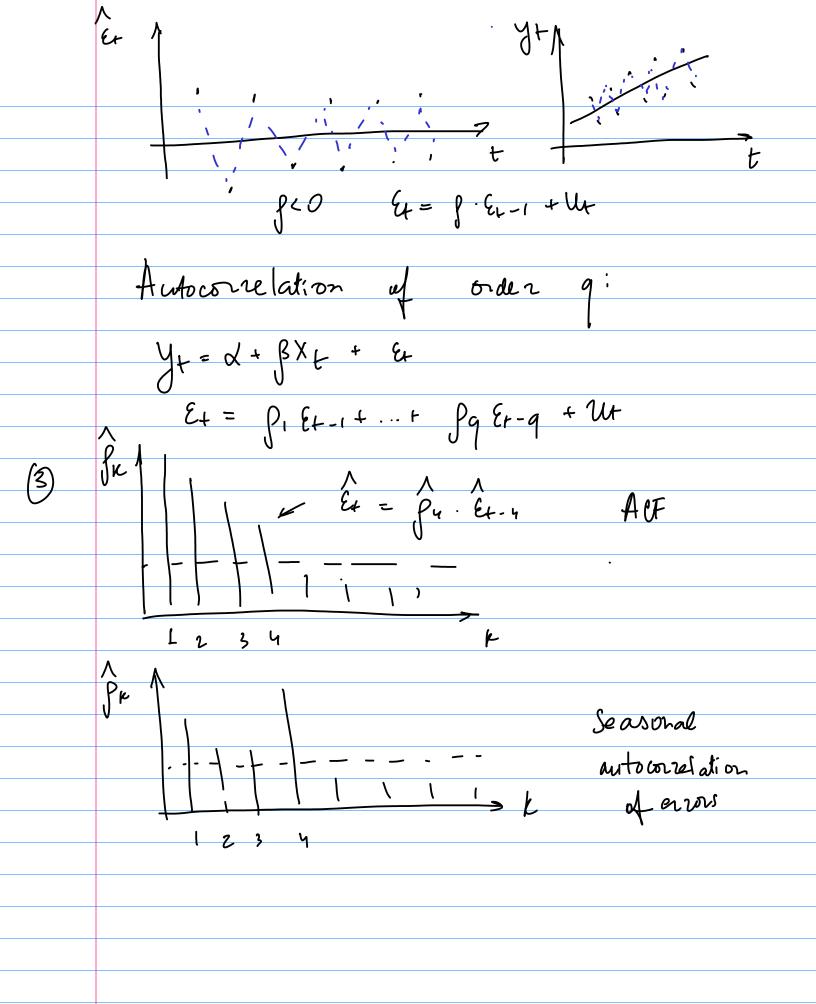
Autocorrelation





Types of autocorrelation:

1) The autocorrelation:

$$y_{t} = A(X_{t}) + E_{t}$$

$$A correctly specified!

$$E(E, e_{1}) = E(E, e_{2}) = E(E_{1}, e_{2}) = E(E_{1}, e_{2})$$

$$= \begin{cases}
\delta_{E}^{2} & \beta_{E}^{2} & \beta_{E}^{2} & \beta_{E}^{2} & \beta_{E}^{2} \\
\vdots & \vdots & \vdots & \vdots \\
F_{E}^{2} & \vdots$$$$

2) False Auto correlation - Onitted Variable Yt = & + fXit + BzXit + Et> EL-WN true: y+ = x + B, X, + V+ EST: V+ = \begin{aligned}
& \text{2} \\
& \text{2} \\
& \text{2} \\
& \text{3} \\
& \text{4} \\
& \text{4} \\
& \text{5} \\
& \text{6} \\
& \text{7} \\
& \text{7 P. X2t-1 + Wt [] Cov (X2+1 X2+-1) # 0 => Misspecification

