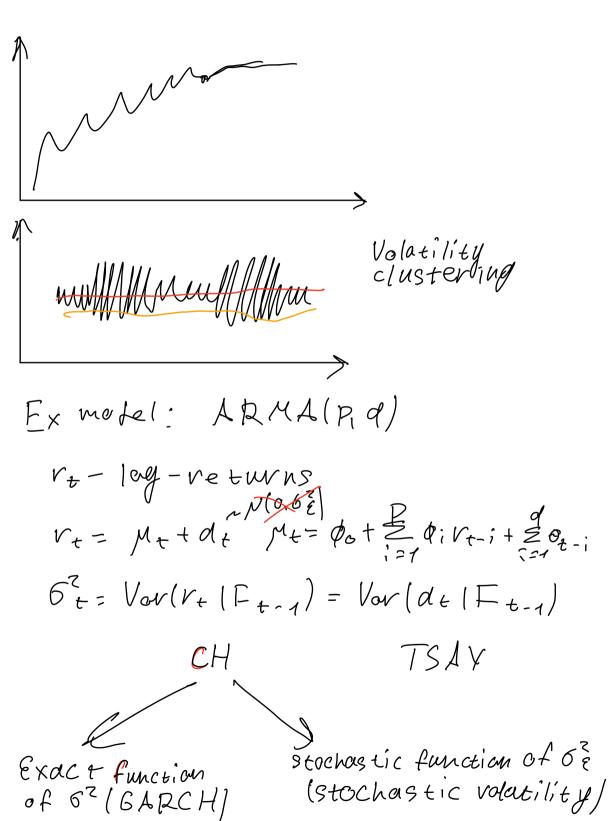
## Conditional heterosche dasticity Models



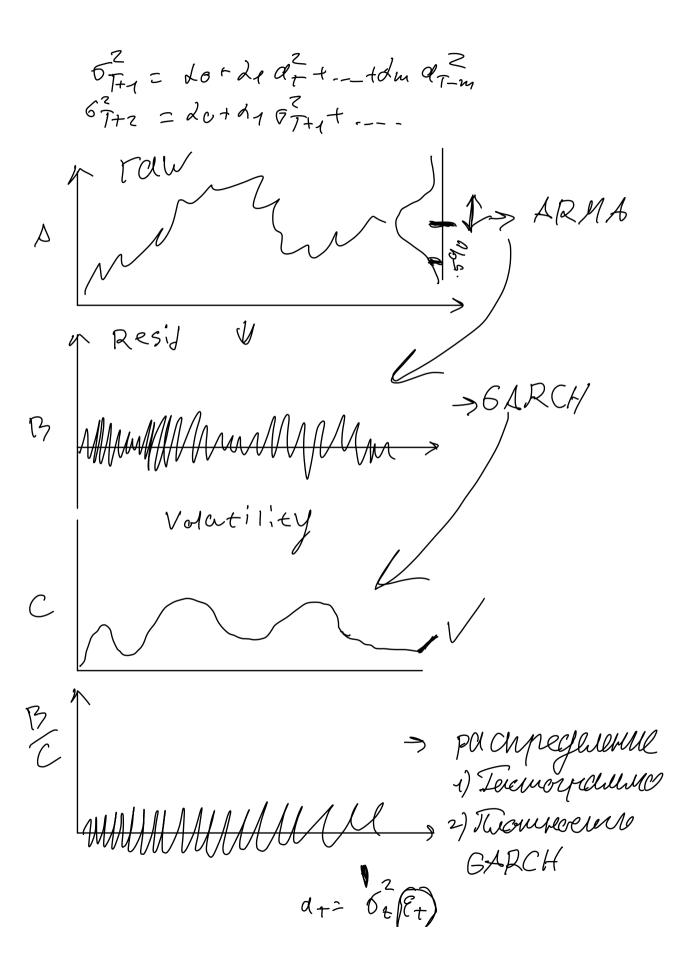
$$6_t = \sqrt{6^2t}$$

## ARCH

- 1) dt serially uncorrelated, but dependent
- 21 dependence- larget quatratic

## Weck hesses

- 1) Equally responses to pos and neg SWCKS
- 2) di E [0; 5]
- 3/ Mechanical way
- 4) Overpredicts
- 1) Building mean model 2) Getting residuals yt-ŷt
- 3) Specify ARCH
- 4) Checking and re-estimation F-test, Ling-box  $\widetilde{Q} = \frac{dt}{6\pi} r \mathcal{E}_{t}$



Percy regerebule (mouroemb) **/**