Hi! woz - 6 Feoporur. Guispornas

L(F - our bo correlation function. Repetur. Pr = (ore (yt, ythen) = (orer (yt, ythen)

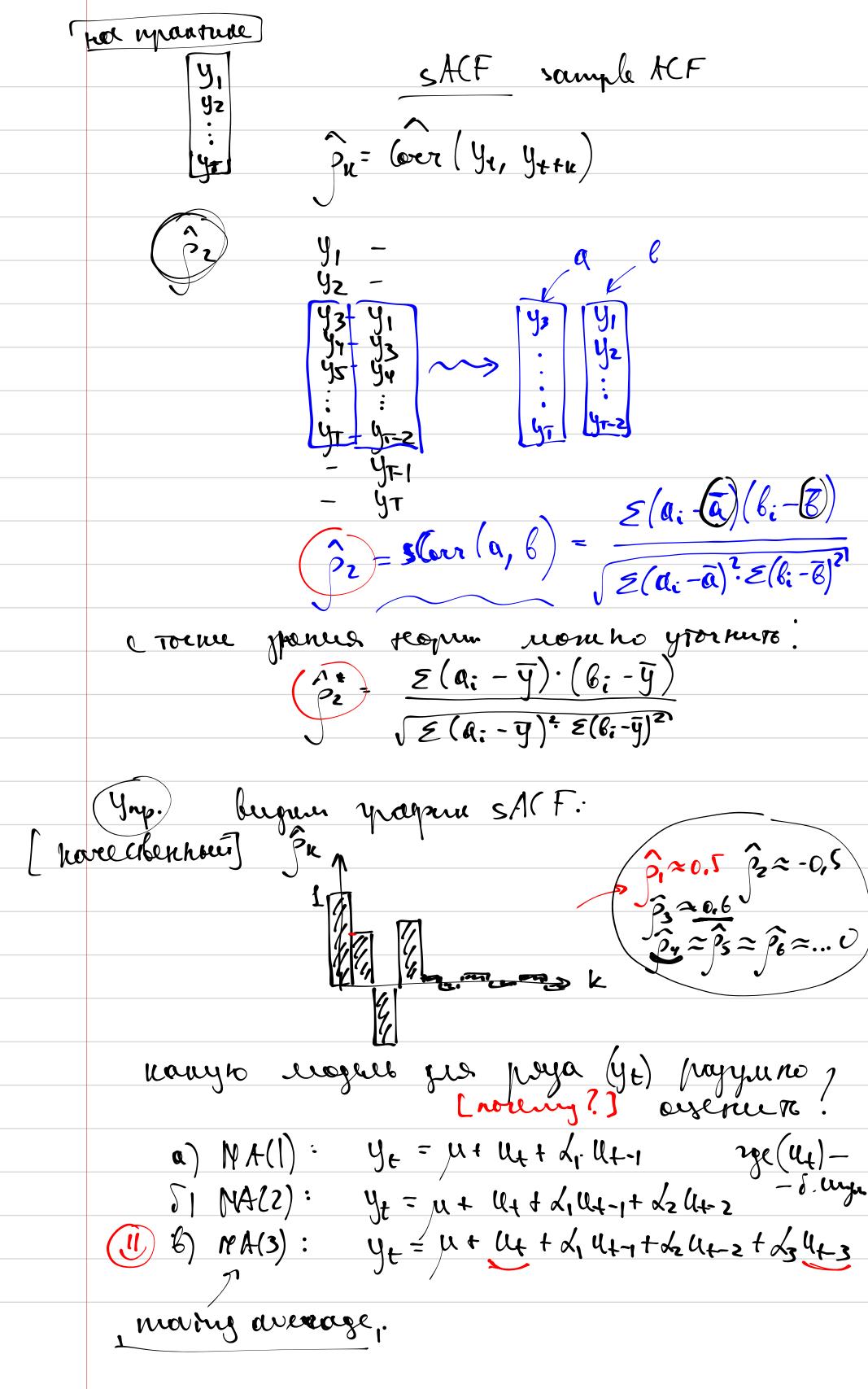
y ke cray

y he cray

u or t,

u or k. yap)
(u)-8. uyu c blore(u)=2 yt = 53 + ut + 0,6 ut -1 + 0,2 ut -2 a) rpalga en, 700 (yt)-coay-ben? Caralo cray-ben]

B) eun ga, or hariguese ACF Pr.  $E(y_t) = u \quad \text{for} \quad y_t = 0$   $Cov(y_t, y_{t+n}) = u \quad \text{for} \quad x_t = 0$  $E(y_t) = E(s | u_t + 0.6 u_{t-1} + 0.2 u_{t-2}) = I$ derigh (u<sub>t</sub>)  $E(u_t) = 0 \quad \text{Vere}(u_t) = 3^2$   $Cor(u_t, u_{t+n}) = 0 \quad \text{spin } t \neq 0$ Vo = (oe)(y+, y+) = Vor(y+) = Vor(y+) = Vor(3+4+0.64+1+0.64+1+1+0.64+1+0



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4, = plover (ye, yet)
                                                           Yez - plover (ye, yerz; yem)
                                                              433 = p (ver (ye, ye+3; ye+1, ye+2)
                                                                Pan = ploor ( yes yeth, yeth, yetz, yetz)
                                                                                                        ploce(L, R, M, M, M) = (ove (I, R), ye
wasy paragram, or reposers M, M, M, M3
                                                    I - mo each l, ne hopp-and c M., Me, M3
                                                   [= L - (d, M, + L, M2 + L3 M3)
                                              R--11-R, ree nopp-as cM, M, M3
                                              12 = L - (B, M, + B= M2 + B3 M3)
                                                                       (Ut) - jeune
                                                                  9t = 53+ Ut + 0,6Ut-1+ 0,24t-2
                           (ov(y), y+u) = \begin{cases} 1.43^2 & k=0 \\ 0.773^2 & k=1 \\ 0.232 & k=2 \\ 0.232 & k=3 \end{cases}
                                     P22 = plover (ye, yetz (yet))? =
                                                = Corer (yt, yttz)
                                                                                                                                                                                               yt = yt - 2. yttl u

yt ne nopp c yttl
(ov (yt, ytt) = 0
Con (\underline{y_t} - \lambda \underline{y_{t+1}}, \underline{y_{t+1}}) = 0

\lambda = \{\underline{y_t} = 0, 2\} = 12 : \underline{y_t} = 1
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PA(F P=partial > brognormax.

Morel per répol: U,, U, 43 1 = 4,124z R=342143 (orr (L, R) 70 plor (L,R; 42) = Corr(Z, R) = [=1-?42 well, 42)=0  $\widetilde{R} = R - ?u_1 \quad Goer(R, u_1) = 0$ =  $(ore(L-2u_2, R-3u_2) = (oren(u_1, v_3)=0.$ Yetz = yetz - 3. yet1 (Yerr) - 200 rach yetz, he kopp-nas ( yetz Ture ocucrum yerr or banaga yer, (ou (yerz, yeth) = 0 Cov ( yetz - 3 yet, yet) = 0  $\sqrt{1-3\cdot } = 0$   $\sqrt{3} = \sqrt{1 - \frac{72}{100}}$ ytt2 = ytt2 - 72. ytt plover (ye, yetz; yetz) = (over (yt, yetz) = = (oeru ( yt - 72 /40 /4+1, yt+2 - 740 /4+1) = = (ov (yt - 72/140 ytm, ytt2 - 740 yth) Vor (yt - 72/140 Yers). Vor (yerz - 72/140 Yers)

manc brysher wongy

pour hanner y+ y++2 y++3