More - permenus pagn- vo yp-us > KCF/PACF AN hapa yp-uu. y - 6 - 0,34+-1 - 0.02 4+2 + 44 (y) - d. wyw er u cray-bu pen-ul Beyo (MA(s)) yt = u+4+?4+124-1+24-2+34-3 cocs-Men xap-ae yp-ue regent: y = -0,3 y -1 -0,07 y +-2 (y0 paren 4-1, 4+1) $\theta_n = \theta_0 \cdot q^{n-1} \quad \theta_n = \theta_0 \cdot \lambda^n$ $\delta \cdot \lambda^{t} = -0.3 \, \delta_{0} \cdot \lambda^{t} - 0.07 \, \delta_{0} \cdot \lambda^{t-2}$ $\int_{0}^{2} = -0.3\lambda - 0.02$ Kap-el characteristic eq. $\lambda^2 + 0.3\lambda + 0.07 = 0$ $\lambda_1 \neq \lambda_2 = -\frac{k}{\alpha} = -0.3$ $\lambda_{1} = -0.1 \qquad \lambda_{2} = -0.2$ Khur Lpur: * cray- de pennepine briga MA(s) e cro econ y mentra econ ba /2:/<1 [4 eg-pince] * cong-de peuveline eca e con notoro e con bre //i/=1 [n eque-unoe]

a) ga, croey, prem-ne est u apro unell bez MA(w) esse-ho (4).

Ferrence buyon (MA(w) om-tro (ly). 900-10: (U1) ~ repol N(0; 25) y₁₀₀ = 9 δ1) PT 93% μω y₁₀₁

y₃₀ = 12 δ2) PT 35% μω y₁₀₂ 439.439... Y101 \$6 - 0,3 4,00 - 0,02 y5g) + (4101) $E(y_{101} | y_{100}, y_{33}...y_1) = 6 - 0.3 \cdot 9 - 0.02 \cdot 12 + 0 = 0.02 \cdot 12$ »PI [3.06 - 1.36·525]; 3.06+1.96·525] $E(y_{102} | y_{100}, y_{59} \dots y_{n}) =$ $= E(6 - 0.3 y_{101} - 0.02 y_{100} + U_{102} | y_{100} \dots y_{n}) =$ $=6-0.3 \cdot E(y_{101}|y_{100}...y_{1})-0.02 \cdot 9 + 0 =$ $=6-0.3\cdot 3.06-0.02\cdot 9=4.902$ $1.05\cdot 25$ Vac (y 102 (y,00... y,)= Vor (9102 | 9.00... 9,) =

= Vor (6-0,3 9.0, -0.07 9.00 + 0.02 | 9.00... 9.) $= Vor \left(-0.3 \left(6 - 0.3 y_{100} - 0.02 y_{33} + U_{101}\right) + U_{102} \left(\frac{y_{100...y_1}}{y_{100...y_1}}\right)$ $= Vor \left(-0.3 U_{101} + U_{102} \left(\frac{y_{100...y_1}}{y_{100...y_1}}\right) = 0.03 \cdot 25 + 25 = 1.03 \cdot 25$ $PI: \left(\frac{y_{100} - y_{10}}{y_{100}}\right) = 0.03 \cdot 25 + 25 = 1.03 \cdot 25$





