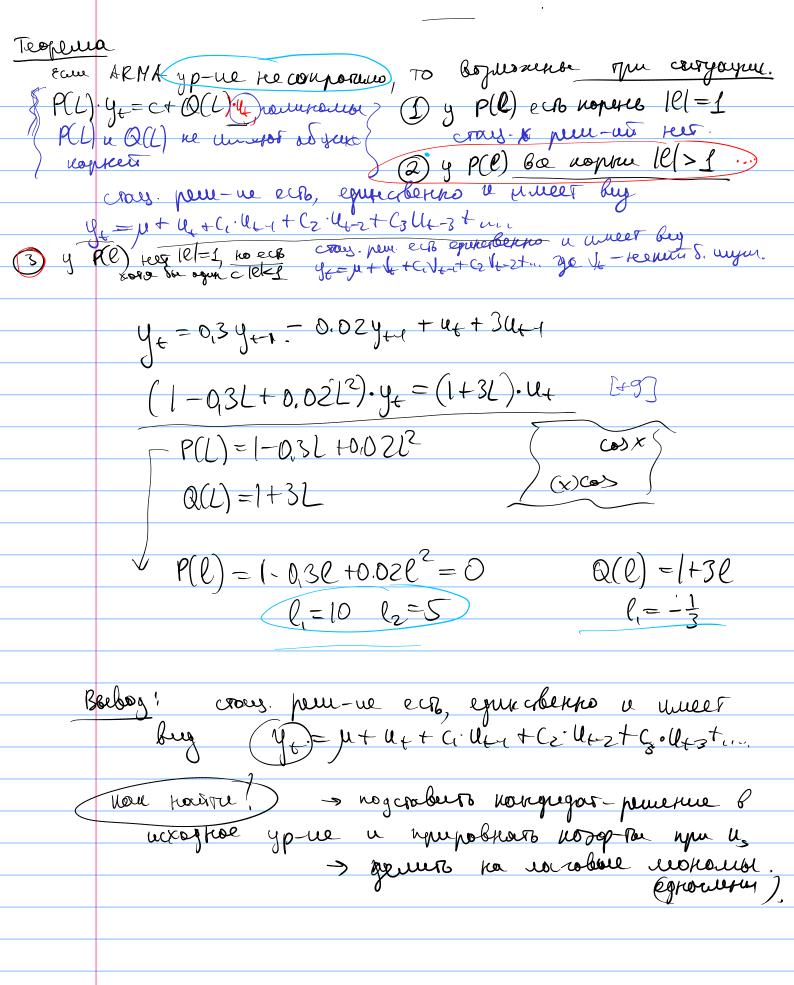
Tymber d Y.l.a

us ARMA ypue. HPMA moyecc (mozens) worre y - 0,3 y + 0.02 y = u + 3 u (He) + (9) U+ (5. engre): E(4)=0 Nor(4)= Fa Colleils)=0 you tos Danson y 2000 gpus keerdes-x permen. Orber) $y_0 = u_0 + 2$ $E(y_0) = 0 + 2 = 2$ $E(y_1) = 0$ $Vor(y_0) = 0$ $Vor(y_1) = 0$ $y_2 = 0.3y, -0.02y_3 + 4z + 34, = --$ y3=0,3. y2-0,024,+43+342=... y,=0,340-00293 +4,+340 y ~ crows. upousece Cov (yy y+x) = /x E(yz)=4 2 Charlono crorez-x prenetrato Teophua Eure ARMA yp-ue re composino, to Bozussenbe Tu cargayur. P(1) y= c+ O(L) 1/4 nonumous Dy p(l) ech noperes lel=1 crows to peur-at teer PL) u Q(L) re anyther as your 2 y p(e) <u>ba</u> nopper le(>1 logicete cros peu- ne ecro, epipe betho i unet buy y= p+ 4+C1. len+C2. les+C3ll+3+ min 3) y Re) test let=1 to ect cross. new ects epitherbekens a wheet buy

soro sur oran c letes ye= u+ leter leter ye= u+ leter level. ye leter leter ye= u+ leter level.



$$(1-0.31+0.021^{2}) \cdot y_{t} = (1+31) \cdot u_{t}$$

$$y_{t} = \frac{1+31}{1-0.31+0.021^{2}} \cdot u_{t} + \frac{3}{1-0.11} \cdot (1-0.11)$$

$$1-0.31+0.021^{2} + 0.02(1-10) \cdot (1-5) = (1-0.11) \cdot (1-0.21)$$

$$0.02 \cdot (1-0.11) \cdot (1-0.21) \cdot (1-0.21) \cdot (1-0.21) \cdot (1-0.21)$$

$$1-0.12 \cdot 1-0.12 \cdot 1-0.12 \cdot u_{t}$$

$$1-0.12 \cdot 1-0.12 \cdot u_{t}$$

$$1-0.12 \cdot 1-0.12 \cdot u_{t}$$

$$1-0.12 \cdot u_{t}$$

y= 2 ym + 4 ct7 (4 ~ 8. myn on (4 us)=0 myn tos y= 11+4z E(y)=11 Vor (y)=82 (2) $P(l)y_l = O(l) \cdot u_l + 7$ (1-2L). gt = 1. ut +7 1-2ll=0 $l_1=\frac{1}{2}$ \Rightarrow ecto polho ogno. yt = p + lt + c, lt + C2 lt-2+..... (1-21). y = u+7 Fy+=y++1 F2y+=y++2 |d|<1 (1-21) $y_t = u_t + 7$ $(-21)(1-1F)y_{+}=u_{+}+7$ $y_{t} = \frac{1}{-2L} \cdot \frac{1}{1-\frac{1}{2}F} \left(u_{t} + 7 \right)$

$$y_{+} = \frac{1}{2L} \cdot \frac{1}{1-\frac{1}{2}H} \left(u_{+} + 7 \right) \quad \text{L.F.} = 1$$

$$y_{+} = \frac{1}{2} \cdot \frac{1}{1+\frac{1}{2}H} \left(u_{+} + 7 \right) \quad \text{L.F.} = 1$$

$$y_{+} = \frac{1}{2} \cdot \frac{1}{1+\frac{1}{2}H} \left(u_{+} + 7 \right) \quad \text{L.F.} = 1$$

$$y_{+} = \frac{1}{2} \cdot \frac{1}{1+\frac{1}{2}H} \left(u_{+} + \frac{1}{2} \right) \cdot \frac{1}{1+\frac{1}{2}H} \left($$

$$=\frac{1}{9}u_{+}+\left(\frac{1}{3}-\frac{1}{2}\right)u_{++}+\dots$$