Muler !

MA(q) - 2000 mocsuc, notopuis [nomino]

rply coalnot b beye

y= c+ 4+ 2, 4-1+ ... + 2, 4-9,

ye 2+70 u (4+)- 6. cryn

yvocree haitstepenne (y1) - vay. grosseck

Coully, ys) = (ou (yx, Fys)

 $Ly_{t} = y_{t-1}$   $fy_{t} = y_{t+1}$ 

 $Cor(P(L)\cdot y_{t}, y_{s}) = Cor(y_{t}, P(F)\cdot y_{s})$ 

gorobornum Cb:

1-2( 1+2(2+ ....)

1/2/21 ) gus 140000 cray-ro moyerca

= (or (1-0,34) ys) = (or (y+, ys)

$$v_{t} = \frac{1-0.35}{1-0.35}u_{t}$$

$$h_{t} = \frac{1-0.35}{1-0.35}u_{t} = \frac{1+0.32+0.3^{2}2^{2}2^{2}...}u_{t}$$

$$= \frac{1-0.35}{1-0.35}u_{t} + \frac{1+0.32+0.3^{2}2^{2}2^{2}...}u_{t}$$

$$= \frac{1-0.3}{1+0.35}u_{t} + \frac{1+0.32+0.3^{2}2^{2}2^{2}...}u_{t}$$

$$= \frac{1-0.3}{1+0.35}u_{t} + \frac{1+0.32+0.3^{2}2^{2}2^{2}...}u_{t}$$

$$= \frac{1-0.35}{1+0.35}u_{t} + \frac{1+0.32+0.3^{2}2^{2}2^{2}2^{2}...}u_{t}$$

$$= \frac{1-0.35}{1+0.35}u_{t} = \frac{1-0.35}{1+0.35}u_{t} + \frac{1-0.35}{1+0.35}u_{t} + \frac{1-0.35}{1+0.35}u_{t} + \frac{1-0.35}{1+0.35}u_{t} + \frac{1-0.35}{1+0.35}u_{t} + \frac{1-0.32}{1+0.35}u_{t} +$$

(yt)- keryf. no allg-ch 7/w +R  $y_{t} = 2 + 0.79_{t-1} + 4_{t}$   $U_{t} - \delta.euyu.$ For yp-rue! La lugi he moyecc!

U orio unult on noul-la panenni.

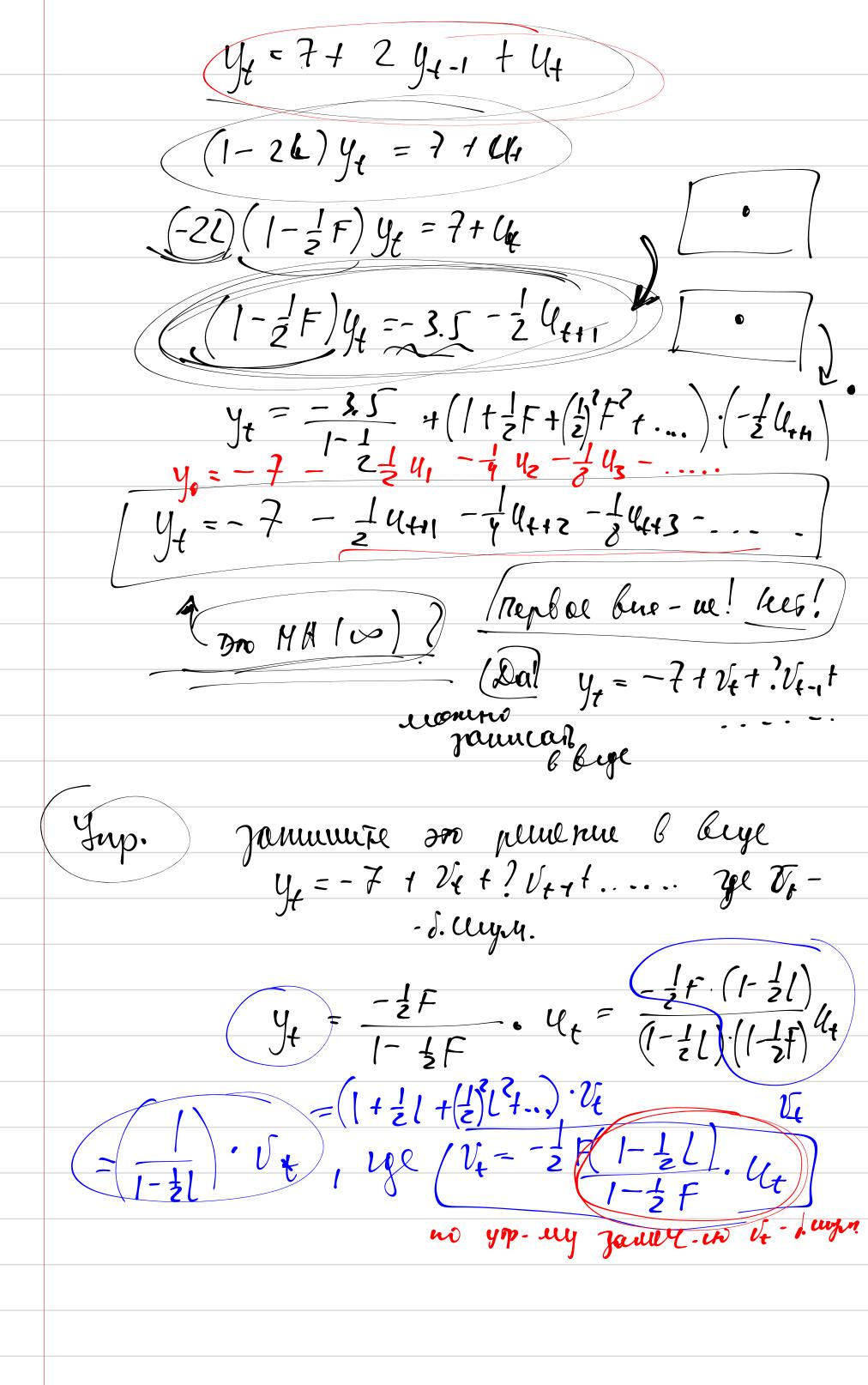
[=(y\_0)=-3  $y_0 = 5$  -> - -  $(y_t) = -0.1$  $y_7 = 8 \longrightarrow (y_t) - - y_0 = u_0 + u_{56} \cdot cos(u_{29}) \rightarrow (y_t) - \cdots$ Moraro 2  $P(L). y_{+} = c + Q(L). U_{+}, u_{+} - d. unyn$  u ceners P(L) xora on / (unu doublace), To recrous-x peu-uu co urvo.Teophina 3 [ewell (ye)] lin-le cray-x plusteur yp-end luga P(l)·y<sub>t</sub> = Q(l)·u<sub>t</sub> + C he yw-cr eun jortere ruit / noglim & yp-ul hor P(l) caopsteum |l|=1 kan-on jupa

V/ = 2 + 0,7 y-, + U4 (1-0,7L)·9t = 2+ 4 y = (-97L · 2) # (-97L · 4) 1.2 = 2 ye = 1/-a7 · 2 + (1+071+072+075/5/2...). Ut yo = 2 + 40 +0,74-1+974-2+--- $\frac{1}{1-\lambda l} = \left( 1+\lambda l + \lambda^2 l^2 + \ldots \right)$  $\left( \begin{array}{cc} \mathcal{F} & (\mathbf{y}_{t}) = (\mathbf{y}_{t}) \end{array} \right)$ (up - d. aryu.  $y_t = 2 \cdot y_{t-1} + 7 + ll_1 \leftarrow y_p \cdot ul_{q_k}$ ynp. na (ge)

(a) Caorlsno vyr rechtey, peur?

(b) Caorlsno ryr Cary, peur? recurrent, ecur

egno.



	Il palmethre oup ne 1R(p) moyerca.
	**(p) morseccon ( yp- nen P(l).y,=(+4,
	Hery- Ch
	cray usnappel petulpul trow yp-us
/	gray nonappel pelulpul 2000 yp-us ypycra bu noe b berge MA(s) unurino
	en-no Servo myrua (u.), ynoruang
	em-но белого шума (ц.), уполнану
	Teapeura $y$ $yp$ -us $P(l)y_t = C + u_t$ / ner crayx peurenur, eau eux $y P(l)$ nopeur $c  l  = 1$ .
	/ ner crayx pelulaur, eau our
	y P(L) noperts c   l   = 1.
	D. llona cray- 11 AR/p) moyer ?
	A. Beeya no oup - uso!
	Q. Kanne yp-uh evoryt uch- al gich
	O. Kanne yp-uh evorge uch- al gich on- us PK(p) mosserce?
	A. Toutho salu y P(L) be nopn
	16/>1.
	1 nap
	Ynp.
	po ((d) - en crouy. pen. 7000 yp-us.
	no (ch - u croy. peu. 7000 yp-us.
	mersebure p-ue Reya.
	(r) 11. = c+1.42.1+ Vr ve 16/<1
	Vr - Suryu.
	y not-por pobno to see cay pemenae.