## Mageus Couoy

Mar-ku: 1) Henpertibuare

a) oghocermophall

Агрегированные макроэкономические nokazatenu:

O-meun neurocta samutoix

M-gond badabuna 30 vog 90490B

d- KOBOP. CUDMCHOCTU ( neowene, neogykma)

ф - шорша какоппекий (gond vubeconyus)

-1<0<1 0<<<1

0< M<1 0< p<1

X - bourbois obusecmbernoù npogykm (vuller caubitai): Nomero rompedito/unbectupobato)

L- Juse muno sakulmone 6 skoronuke (labour - mpyg)

K - 904901 / Kanuman ( DOPY go Barrie, mameriand, or marcon)

С- фонд непроизв. потребление

I - wheemusuothaid song

## ProuzbogponBerman opsikkum

F gonnarea  $\delta$ onno unedira u ognopogna:  $F(\lambda k, \lambda L) = \lambda F(k, L)$ 

$$L = L_0 e^{2t}$$
  $\frac{dL}{dt} = 0L$ 

I za rog προυσοιμέν πρυροση ΔΚ (us-sa unbecmusiti)

$$\Delta K = I \Delta t - \mu K \Delta t$$
  $K(0) = K_0$ 

$$-\frac{dk}{dt} = I - \mu k$$

$$C = (1-p)(1-a) X$$

$$\frac{dk}{dt} = I - \mu k$$

$$I = \beta (i-d) \times C = (i-\beta)(i-d) \times$$

$$X = F(k, L) \times C = (i-\beta)(i-d) \times$$

$$X = F(k, L) \times C = (i-\beta)(i-d) \times$$

Museu cueneury:

Theresise in a square position 
$$K = L - 40$$
 and  $K = L - 40$  and  $K = L -$ 

Переговии к ченьным велишинам

$$k = \frac{K}{L}$$
 - sporegob na agnora pasovero

$$\alpha = \frac{X}{L}$$
 - equium prosykyuu ka 1 posonero

$$i = \frac{I}{L}$$
 - vseubrole unbeconvusion

$$\lim_{k\to 0} \frac{\partial F}{\partial k} = \lim_{k\to 0} \frac{\partial F}{\partial k} = +\infty$$
 — 30000000 marma

$$\frac{OF}{OK} > 0$$
  $\frac{O^2F}{OK^2} < 0$   $\frac{OF}{OL} > 0$   $\frac{O^2F}{OL} < 0$ 

 $\lim_{k\to\infty} \frac{OF}{OK} = \lim_{k\to\infty} \frac{OF}{OL} = 0 - us-30$  KOHOULOCMU CUEMEULO

$$\alpha = \frac{\Gamma}{\chi} = \frac{\Gamma}{L(k'P)} = L(\frac{P}{k'}) = \frac{1}{2}(P)$$

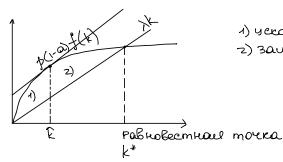
(TYT K-cecon.)

$$\frac{dk}{dt} = \frac{d(kL)}{dt} = kL + L \frac{dk}{dt} = 0kL + \frac{dk}{dt} = L(\frac{dk}{dt} + 0k)$$

$$\begin{cases}
\dot{k} = -uk - 0k + p(1-\alpha)ne = -\lambda k + p(1-\alpha)f(k) \\
0 + \mu \\
k(0) = \frac{k_0}{L_0} = k_0, \quad i = p(1-\alpha)f(k), \quad C = (1-p)(1-\alpha)f(k)
\end{cases}$$

yeurobus cmassionapier =>  $\frac{dk}{dt} = 0 \Rightarrow -\lambda k + \beta(i-\alpha)f(k) = 0$ 

$$\lambda k^* = \beta(1-\alpha) f(k^*)$$
  
Lymn, op-u



- 1) ускорение Эконошики
  - 2) 3aure guerelle Frono elle Ku

\$ npweep: npouzbosuwae ap-a Koδa-Dyneaea: F=AK L<sup>1-d</sup>
0<d<1

$$f(k) = A k^{d}$$

$$\lambda = \beta(1-\alpha) f'(\hat{k}) = \beta(1-\alpha) dA \hat{k}^{\alpha-2}$$

$$\hat{k} = \left(\frac{\Delta p(1-\alpha) A}{\lambda}\right)^{\frac{1}{1-\alpha}}$$

$$\lambda k^* = \beta (1 - \alpha) A k^*^{\alpha}$$

$$k^* = \left(\frac{p(1-\alpha)A}{\lambda}\right)^{\frac{1}{1-\alpha}}$$

$$\begin{cases} \dot{k} = -\lambda k + p(1-\alpha)Ak^{\alpha} \\ k(0) = k_0 \end{cases}$$

$$U = \left(\frac{\mathcal{D}(1-\alpha)}{\lambda} A e^{(1-\alpha)\lambda t} + C\right)^{\frac{1}{1-\alpha}}$$

$$C = k_0^{1-\alpha} - \left(\frac{\mathcal{D}(1-\alpha)A}{\lambda}\right)^{\frac{1}{\alpha}} k^{\frac{1}{\alpha}-\alpha}$$

$$k^{\frac{1}{\alpha}}$$

$$k = -\lambda k + p(1-\alpha) A k^{\alpha}$$

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$$k = -\lambda k^{-\lambda t} u + e^{-\lambda t} u$$

$$k = -\lambda k^{-\lambda$$

3 agara ratimu rallurumento p -

$$C^{*}(p) = (i - p)(i - \alpha) A(k^{*})^{\alpha} = (i - p)(i - \alpha) A(\frac{p(i - \alpha)A}{\lambda})^{\frac{1}{i - \alpha}} = B[g(p)]^{\frac{i}{i - \alpha}}$$

$$B = \left(\frac{(i - \alpha)A}{\lambda^{\alpha}}\right)^{\frac{1}{\alpha}} \qquad g(p) = p^{\alpha}(i - p)^{i - \alpha}$$

