=> Economia descentralizada

Thogares y Firmos

Fs: K

m 4H dueros de las firmas

$$\underbrace{\mathbb{E}_{t} + \mathbb{I}_{\tau} + \mathbb{B}_{\tau}}_{\text{Gosto}} \leq \underbrace{W_{\tau} + \mathbb{B}_{t}^{\kappa} K_{t} + (i + f_{t-1}) \mathbb{B}_{r-1} + \mathbb{T}_{\tau}}_{\text{Togeso}} \tag{2}$$

$$K_{\tau+1} = I_{\tau} + (1-9) k_{\tau}$$
 (3)

Both ZK/t: Enderstamiento

λιλο: Breez kyra Activa
λ = 0: Breez kyr (Inactiva)

Luego de plantear L.

oc:
$$[C_{\tau}]: \frac{\partial \mathbb{L}}{\partial C} = 0 \Rightarrow u'(C_{\tau}) = C_{\tau}^{-\delta} = \lambda_{\tau}$$

$$[B_{\tau}] = \frac{\partial L}{\partial B_{\tau}} = 0 \Rightarrow \lambda_{\tau} = \beta(i+f_{\tau}) E_{\tau}[\lambda_{\tau\tau}]$$

$$[E_{rr}] : \frac{2L}{\partial k_{rr}} = 0 \quad \text{with} \quad \lambda_r = \{B(1+r)\} \mathbb{E} \left[\lambda_{r+1} \left(R_{r+1}^k + (1-\delta) \right) \right] \quad \text{a}$$

Expression:
$$E_{\varepsilon} \left[\beta \left(\frac{C_{\tau}}{C_{m}} \right)^{-\tau} (1+\Gamma_{\tau}) \right] = \Delta \qquad (4)$$

$$E_{\tau} \left[\beta \left(\frac{C_{\tau}}{C_{m}} \right)^{-\tau} (R_{\varepsilon}^{k} + (1-\delta)) \right] = \Delta \qquad (5)$$

Intulaión:

Firmas.

$$\begin{split} & \underset{N_{\mathbf{t}}, \, \mathbf{k}_{\mathbf{r}}}{\text{mox}} \quad \prod_{\mathbf{t}} = A_{\mathbf{t}} \, \mathbf{k}_{\mathbf{t}}^{\mathbf{t}} \, \mathbf{N}_{\mathbf{t}}^{1-\mathbf{k}} - \, \omega_{\mathbf{t}} \, \mathbf{N}_{\mathbf{t}} - \, \mathbf{R}_{\mathbf{t}}^{\mathbf{k}} \, \mathbf{K}_{\mathbf{r}} \\ & \frac{\partial \Pi_{\mathbf{t}}}{\partial \mathbf{k}_{\mathbf{r}}} = 0 \; ; \quad A_{\mathbf{t}} \, \omega \, \mathbf{K}_{\mathbf{r}}^{\text{min}} \, \mathbf{N}_{\mathbf{r}}^{1-\mathbf{k}} = \, \mathbf{R}_{\mathbf{t}}^{\mathbf{k}} \qquad \text{(6)} \quad \text{Food Hyani de } \mathbf{k}_{\mathbf{t}} \, \omega \, \mathbf{R}_{\mathbf{r}}^{\mathbf{k}} \\ & \frac{\partial \Pi}{N_{\mathbf{t}}} = 0 \; ; \quad A_{\mathbf{r}} \, (\mathbf{1}-\mathbf{k}) \, \mathbf{K}_{\mathbf{t}}^{\mathbf{c}} \, \mathbf{N}_{\mathbf{r}}^{1-\mathbf{c}} = \, \mathbf{M}_{\mathbf{t}} \end{split} \tag{3)} \quad \text{Food Hyani de } \mathbf{k}_{\mathbf{t}} \, \mathbf{k}_{\mathbf{t}} \, \omega \, \mathbf{k}_{\mathbf{t}} \\ & \frac{\partial \Pi}{N_{\mathbf{t}}} = 0 \; ; \quad A_{\mathbf{r}} \, (\mathbf{1}-\mathbf{k}) \, \mathbf{K}_{\mathbf{t}}^{\mathbf{c}} \, \mathbf{N}_{\mathbf{t}}^{1-\mathbf{c}} = \, \mathbf{M}_{\mathbf{t}} \end{aligned} \tag{3)} \quad \text{Food Hyani de } \mathbf{k}_{\mathbf{t}} \, \mathbf{k}_{\mathbf{t}} \, \omega \, \mathbf{k}_{\mathbf{t}} \, \omega \, \mathbf{k}_{\mathbf{t}} \\ & \frac{\partial \Pi}{N_{\mathbf{t}}} = 0 \; ; \quad A_{\mathbf{r}} \, (\mathbf{1}-\mathbf{k}) \, \mathbf{k}_{\mathbf{t}}^{\mathbf{c}} \, \mathbf{k}_{\mathbf{t}}^{1-\mathbf{c}} = \, \mathbf{M}_{\mathbf{t}} \end{aligned} \tag{3)} \quad \text{Food Hyani de } \mathbf{k}_{\mathbf{t}} \, \mathbf{k}_{\mathbf{t}} \, \omega \, \mathbf{k}$$

$$N_{\star}^{z} = 1$$
 (8)

Condiciones de Egoilibrio:

$$C_{t} + K_{DN} - (1-3)K_{T} = A_{z}K_{x}^{N}$$
 (10)

Un equilibrio en esta economía son contradades K_{FF} , C_{F} , B_{F} , I_{E} , N_{T} y precier $(\Gamma_{F}, W_{E}, R_{F}^{K})$ tal que todos los agentes makimicam su benépicio y los mercados se vacían

Estado Estacionario: Xt = Xtt

$$\frac{\chi_{\text{tri}}}{\chi_{\text{r}}} = 1$$

De (11):

$$\widehat{K} = \left(\frac{1}{\beta} - (1-\beta)\right) \frac{1}{\alpha A}$$