Probleme de Remony:

(3) b., k. dador.

$$\mathcal{I} = \underbrace{\mathcal{E}}_{\tau^{2}} \beta^{k-1} U(Ce, H-le) + \underbrace{\mathcal{E}}_{\tau^{2}} \mathcal{M}_{\epsilon} (f(ke_{-1}, l_{+}) + (i-\delta) ke_{-1} - Ce_{-} ke_{-}G_{+})$$

$$+ \lambda \left( \underbrace{\mathcal{E}}_{\tau^{2}} \beta^{k-1} \left( U_{c}(Ce_{+}, H-le) Ce_{-} - U_{c}(Ce_{+}, H-le) le_{+} \right) - U_{c}(Ce_{+}, H-le_{-}) \right)$$

$$+ \left( (i-2e_{+}k) f(ke_{-}, l_{-}) + (i-\delta) ke_{-} \right)$$

Definance

En t=1:

[c,]: 
$$\beta^{t-1}$$
  $W_c(c_1, l_1, l_2) - \mu_1 - \lambda U_{cc}(c_1, H-l_1)(...) = 0$   
[l.]: ...

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Resultado principal:
En espado estacionario, 7 & = 0:
M+ = M+m (FR(R+, 1+1-5) =
M+ = B+1 Wc (Cr, Lr, 2)
B+ Wc(C+, L+, X) = B Wc(C+++, l+++, X) (Fr (ko, L+++)+1-5)
=) | Wc (c+, l+, ) = B Wc (c+n, l++, ) (Fr (k+, l++)++0) /
En estado estaconerio: Ct = Ct+1 = --- = Css
1+= l+1 = --- = lss
                   =) Wc(C+, l+, ) = Wc(C++1, l++1, )
=) (1 = B (Fr(kss, lss) + 1-5))
Las CPO del hogar tombién se delan complir en estado estac:
  Uc(cr, H-le) = BUc(C+n, H-len)((1-Yeb)Fre(kt, Len)+1-5)
En ee: Uc(C+, H-l+) = Uc(C++, H-l++)
=) [ 1 = B ((1- 2 t) fe ( 25, los) + 1- 8) ]
=) en estado estacuario: (1-70)=/ (=) [Yt =0)
Es deur, en el lago plazo, los imprestos al capital deban ser cuo.
 Caso especial: fución de shidad CES: / cuado 0 - 1.
 u(c, h) = c1-0 + v(h), u(c, H-1) = c1-0 + v(H-1)
        le cóncava.
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 $W(c_{+}, l_{+}, \lambda) := u(c_{+}, H-l_{+})_{+} \lambda u_{c}(c_{+}, H-l_{+})_{c_{+}} - \lambda u_{n}(c_{+}, H-l_{+})_{l_{f}}$   $W_{c}(c_{+}, l_{+}, \lambda) = U_{c}(c_{+}, H-l_{+})_{+} \lambda U_{cc}(c_{+}, H-l_{+})_{c_{+}}$   $+ \lambda u_{c}(c_{+}, H-l_{+})_{-} \lambda u_{nc}(c_{+}, H-l_{+})_{l_{+}}$   $U_{c}(c_{+}, H-l_{+}) = C_{+}^{-\sigma} \qquad U_{cc}(c_{+}, H-l_{+}) = -\sigma C_{+}^{-\sigma-1}$   $U_{c}(c_{+}, H-l_{+}) = O$   $W_{c}(c_{+}, l_{+}, \lambda) = (c_{+}^{-\sigma} + \lambda (-\sigma c_{+}^{-\sigma}) + \lambda c_{+}^{-\sigma})$   $= C_{+}^{-\sigma}(1 - \lambda \sigma + \lambda) = (1 + \lambda (1 - \sigma)) c_{+}^{-\sigma}$ 

Wc (c+, l+, ) = B Wc (c+, l+, ) (Fr (k+, l++)+1-d)

(1+2(+0)) C+0 = B(1+2(+0)) C++1 (Fr(kr, L++1)+1-5)

Uc(cr, H-le) = Buc(C+n, H-len)((1-reb)Fr(k+, len)+1-5)

(vando uhlidad es CES, 2t =0, t=2.

En t=1, en impest al capital es equivalente a un impesto de some sija, surque no distorsion oung me decisión del hagar, dalle que ko es exéguno.

Del priodo L et abelite, il empesto 7° si es dutres ius y lo 6pturo es 7° =0, t>2.