Y. PIB Nt Población M4 Dinero Pr Procios Dr Difficit fixed Demanda de soldos reales es $Z_{t} = \frac{M_{t}}{P_{t}} = h / = \frac{\partial Z_{t}}{\partial R_{0}} = 0$ Suponer que y No = 1+0 => \frac{\frac{1}{4}}{\frac{1}{6}}= 1+0 Ye = N6

Suponer que

Banco contral NO auto'nomo

It
$$T_{t} = \frac{P_{t}}{P_{e-1}} = \frac{M_{t}}{hN_{t}} = \frac{M_{t}}{M_{t-1}} \frac{N_{t-1}}{N_{t}} = \frac{13\mu}{14n}$$

para $t = 2, 3, ..., T$

Ristricción prosupuestal del gobierno

Nominal

Pob = $M_{t} - M_{t-1} + P_{t}$ $B_{t} - P_{t-1}$ B_{t-1} (1+ P_{t-1})

Enterminos reales

 $D_{t} = \frac{M_{t} - M_{t-1}}{P_{t}} + B_{t} - \frac{P_{t-1}}{P_{t}} (1+P_{t-1}) B_{t-1}$
 $Señoreaje$

En terminos per-cápita ($\frac{1}{t}N_{t}$)

 $J_{t} = \frac{M_{t} - M_{t-1}}{N_{t}} + b_{t} - \frac{(1+P_{t-1})}{N_{t}} \frac{B_{t-1}}{N_{t}}$
 $M_{t} = \frac{M_{t} - M_{t-1}}{N_{t}} + b_{t} - \frac{(1+P_{t-1})}{N_{t}} \frac{B_{t-1}}{N_{t}}$

 $= \underbrace{M_{t} - M_{t-1}}_{N_{t}} + b_{t} - \underbrace{(1 + N_{t-1}^{3}) b_{t-1}}_{1 \neq n}$ $Dospejamos b_{t}$ $b_{t} = b_{t-1} \left(\underbrace{\frac{1 + N_{t-1}^{3}}{1 + n}} \right) + d_{t} - \underbrace{\frac{M_{t} - M_{t-1}}{M_{t} P_{t}}}_{N_{t} P_{t}}$

Resultado Principal Política Monetaria restrictiva hoy, implica mayor inflacion en al futuro (si hay dominancia fiscal). Domostración (informal) $\int_{0}^{\infty} \hat{\mu} = \int_{0}^{\infty} \hat{h} = \int_{$ En t= T+1 (ya no se puede aumentar la deuda) $b_T = b_T \left(\frac{1+\Gamma_T}{1+\Omega}\right) + d_{T+1} - \frac{M_{T+1} - M_T}{N_{T+1} P_{T+1}}$ Sahomos que Mr=hNrPe

 $=) b_{\tau} = b_{\tau} \left(\frac{1+P_{\tau}}{1+N} \right) + d_{\tau H} - \frac{h N_{\tau + 1} P_{\tau + 1} - h N_{\tau} P_{\tau}}{N_{\tau + 1} P_{\tau + 1}}$ $=br\left(\frac{1+r_{T}}{1+n}\right)+d_{TH}-h\left(1-\frac{1}{(1+n)(1+l_{TH})}\right)$

$$0 = b_{T} \left(\frac{1+r_{F}^{2}}{1+n} - 1 \right) + d_{T+1} - h \left(1 - \frac{1}{(1+n)(1+n)} \right)$$

$$\frac{h}{(1+n)(1+n)} = h - b_{T} \left(\frac{1+r_{F}}{1+n} - 1 \right) - d_{T+1}$$

$$= h - b_{T} \left(\frac{r_{F}^{2} - n}{1+n} \right) - d_{T+1}$$

$$\uparrow b_{T} = \lambda \text{ ada deracho } \lambda$$

$$= \lambda \text{ Lado izguierdo de la ocuación fiena } \lambda$$

$$= \lambda \text{ que disminair}$$

=> 17771