$$\frac{A}{L} = \frac{Max}{P_{t}(i)} E_{0} E^{t} \frac{1}{L_{t}} \left[\frac{P_{t}(i)}{P_{t}} \right]^{\frac{1}{2}} f^{\frac{1}{2}} \left(\frac{P_{t}(i)}{P_{t}} \right)^{-\frac{1}{2}} \frac{P_{t}(i)}{I^{\frac{1}{2}}} - \frac{P_{t}(i)}{I^{\frac{1}{2}}} - \frac{P_{t}(i)}{I^{\frac{1}{2}}} \right)^{-\frac{1}{2}} f^{\frac{1}{2}} \left(\frac{P_{t}(i)}{I^{\frac{1}{2}}} \right)^{-\frac{1}{2}} f^{\frac{1}{2}} \left(\frac{P_{t}(i)}{I^{\frac{1}{2}}} \right)^{-\frac{1}{2}} f^{\frac{1}{2}} \left(\frac{P_{t}(i)}{I^{\frac{1}{2}}} - \frac{P_{t}(i)}{I^{\frac{1}{2}}} \right)^{-\frac{1}{2}} f^{\frac{1}{2}} f^{\frac{1}$$

Symptox equilibrium

PtCi) is the Scre for all firms

So
$$P_t = P_tCi$$
)

$$= (-C \mathcal{E}_t) \frac{1}{C_t} \left(\frac{P_t}{P_t} \right)^{-\frac{C_t}{C_t}} \frac{1}{P_t} \left(\frac{P_t}{P_t} \right) - \frac{\Phi\left(\frac{P_t}{P_t} - 1\right) \frac{Y_t}{T_t}}{Q_t} \frac{1}{T_t} \frac{P_t}{P_t}$$

P $\Phi = \left[\frac{1}{C_t} \left(\frac{P_t+1}{P_t} - 1 \right) \frac{Y_t}{T_t} \right] \frac{P_t}{T_t}$

devid by $\frac{Y_t}{P_t}$

$$(C\xi_{t}) = -\phi \left(\frac{T_{t}}{F} - I \right) \left(\frac{T_{t}}{F} \right) + \beta \phi E_{t} \left(\frac{\psi Y_{t}^{1} w_{t+1}}{v_{t} \psi Y_{t+1}^{0}} \right) \left(\frac{T_{t+1}}{T} - I \right) \left(\frac{Y_{t+1}}{Y_{t}} \right) \left(\frac{Y_{t+1}}{T} \right)$$

$$(SHS) = (\rho | N(\xi_{t+1}) + T | U_{t})$$

$$\begin{aligned} \text{RHS} &= -4 \left(\frac{\pi}{\pi} e^{\widehat{\tau}_{e}} - 1 \right) \left(\frac{\pi}{\pi} e^{\widehat{\tau}_{e}} \right) + \beta \phi E_{e} \left[\frac{\pi}{\pi} e^{\widehat{\gamma}_{e}} \right] \left(\frac{\pi}{\pi} e^{\widehat{\gamma}_{e}} \right) \left(\frac{\pi}{\pi} e^{\widehat{\tau}_{e}} \right) \left(e^{\widehat{\tau}_{e}} e^{\widehat$$