

$$y_t = a_t k_t^\theta h_t^{1-\theta},$$

$$\ln(a_t) = (1 - \rho) \ln(A) + \rho \ln(a_{t-1}) + \varepsilon_t,$$

$$y_t = c_t + i_t,$$

$$\eta k_{t+1} = (1 - \delta)k_t + i_t,$$

$$\gamma c_t h_t = (1 - \theta)y_t,$$

$$\eta/c_t = \beta E_t\{(1/c_{t+1})[\theta(y_{t+1}/k_{t+1}) + 1 - \delta]\}$$