

d_t

$$\left\{ \begin{array}{l} s_t = d_t \\ \lambda_t^w = \dot{c}(s_t) = \dot{c}(d_t) \\ I_{t+1} = I_t + d_t(\lambda_t^r - \lambda_t^w) \\ \lambda_{t+1}^r = \lambda_t^r + \gamma(\lambda_t^w - \lambda_t^r) - \rho I_{t+1} \end{array} \right.$$

 z^{-1}

$$\begin{aligned} d_t &= \arg \max_{x \in R^+} \{v(x) - \lambda_t^r x\} \\ &= \dot{v}^{-1}(\lambda_t^r) \end{aligned}$$

 λ_t^r