

+ E { RT-1 PT-1 C1-10 RT-1-0XT-1)}

$$= \max \left\{ N_{T-2} P_{T-2} C - P N_{T-2} - \Theta X_{T-2} \right\}$$

$$+ F \left\{ C R_{T-2} - N_{T-2} \right\} P_{T-2} e^{Z_{T-2}} \left( 1 - P C R_{T-2} - N_{T-2} \right)$$

$$- O \left( P X_{T-2} + N_{T-2} \right) \right\}$$

$$E(e^{2}) = e^{1/2} + \frac{1}{2} 6e^{2}$$
 $E(4\pi) = 0$ 
 $E(4\pi) = 0$ 

$$=) = max \left\{ N_{T-2} P_{T-2} (I - /3N_{T-2} - 0 \times T_{-2}) + (R_{T-2} - N_{T-2}) P_{T-2} (I - /3 (R_{T-2} - N_{T-2}) - 0 P_{T-2}) + (R_{T-2} - N_{T-2}) P_{T-2} (I - /3 (R_{T-2} - N_{T-2}) - 0 P_{T-2}) P_{T-2} (I - /3 (R_{T-2} - N_{T-2}) P_{T-2})$$

$$\phi(N_{T-2}) = N_{T-2}P_{T-2}(1-\beta N_{T-2}-0 \times_{T-2})$$

$$+ (R_{T-2}-N_{T-2})P_{T-2}(1-\beta CR_{T-2}-N_{T-2})-0P_{X_{T-2}})$$

$$\times e^{Mz+\frac{1}{2}6z^{2}}$$

$$\frac{\partial \phi (N_{T-2})}{\partial N_{T-2}} = 0 \Rightarrow$$

$$N_{T-2}^{2} = \frac{1}{2(He^{Mz+\frac{1}{2}6z^{2}})} \times (1 - e^{M+\frac{1}{2}6z^{2}} + (e^{M+\frac{1}{2}6z^{2}})) \times (1 - e^{M+\frac{1}{2}6z^{2}}) \times (1 - e^{M+\frac{1}{2}6z^{2}} + (e^{M+\frac{1}{2}6z^{2}})) \times (1 - e^{M+\frac{1}{2}6z^{2}}) \times (1 - e^{M$$

$$V_{T-2}^{2} = \phi(N_{T-2}^{2})$$

Follow the same method should give us  $V_t^{2}$   $\mathcal{N}_t^{3}$