Lecture notes, Oct 27th, 2020

$$V = \max \left(\frac{\omega}{1 - \beta}, c + \beta \bar{t} \right)$$

$$= c + \beta \bar{t}$$

$$= > \omega^* = (1 - \beta) \left(c + \beta \bar{t} \right)$$

CRRA
$$\frac{c^{1-\sqrt{2}}-1}{1-\sqrt{2}} \qquad v^{2} = 1 ? c^{x}$$

$$\frac{c^{x}}{\sqrt{2}-1} = \lim_{x\to\infty} \frac{c^{x}-1}{x} \qquad \frac{c^{x}}{\sqrt{2}} = \lim_{x\to\infty} \frac{c^{x}-1}{\sqrt{2}} = \lim_{x\to\infty} \frac{c^{x}}{\sqrt{2}} = \lim_{$$

$$\bigvee_{i} \left(\overline{z}_{i}, | c_{j} \right) \qquad \stackrel{i=1}{j=1} \dots m$$

$$V_{1}(z_{1},k_{3}) = \max_{k'} |u(c) + \beta \sum_{q=1}^{m} V_{0}(z_{q},k_{p}') \cdot P(z_{1},z_{q})|$$

$$C(k_{3},k_{p}') \qquad Y-k'-(1-\delta)k = C$$

$$V_{T} \approx V_{T-1} \quad \forall i,j$$