## Recitations 13

JAKUB PAWELCZAK



```
JAFUB PAWEL CZAK
me:
      PAWELO42@UHN-EDY
      JAKUBPAWELCZAK. (OM
www:
office hours: MONDAY 5:30-6:30
2007
 Today:
 MONDAY
                 practice
                  practice
 TUESDAY
               11:15
```

EXAM

te cersion of SPP 2ecursive さ-1,2 Economy et - 1-54 Ct - St 5t ~ 11D  $T(s^{+}) = T(s_{+}) \cdot ... \cdot T(s_{0})$  $L \overline{s_1} \dots \overline{s_s}$   $T_i = \mathbb{P}(s_t = \overline{s_i})$ PV-EBEN of MVI

of(v)-(maximal) Estu of M2 when vis promised to hu1

Pareto 76 -> < Cit(st) \ i=1,1, t, st max P(V)

S.L. Z Bte (C1+(s+)) > V  $\frac{2}{c=1,2}$  (i4(s+) = 1

CE => P6  $C_{1} + (S^{+}) = C$   $C_{2} + (S^{+}) = A - C$ 

Mv2 A S Bt Esu(cit)-A PCV) C-t = - $\frac{\beta \text{ for } 1}{\mu(\overline{z}) = V}$   $\frac{1-\beta}{\mu \sqrt{1-\beta}}$ B for dry ? C26=1-c  $\sum_{i=1}^{n} \frac{\mathbb{E}_{O} \mathcal{M}(c_{n+1})}{1-\beta} = \frac{\mathbb{E}_{(v)}}{1-\beta}$  $V = \sum_{i=1}^{3} \left[ u(c_i) + \beta w_i \right] T_i$  $P(u) = \sum_{i=1}^{\infty} \left[ e(1-c_i) + \beta P(w_i) \right] \pi_i$ V(E, E) = max < u(c) + BEv(k, E))|2 wi - Continuation value et state i Ci - Consumption level of bru1 of state i

5.t. 
$$\sum_{i=1}^{S} [u(c_i) + \beta w_i] \pi_i \mathcal{M}$$
 $0 \le c_i \le 1$ 
 $w_i \in [u(t_i)] \times [u(t_i)]$ 

P(v)= max { \( \sum\_{i=1}^{\infty} \bullet \( \lambda \) \

HH

S.t. (
$$\mu$$
i)  $\sum_{t=0}^{\infty} p_t \in \mathcal{U}(C_t^i)$ 

Non regotive

FOCS:  $\mathcal{U}'(C_t^i(s^t)) = \mathcal{V}'(C_t^i(s^t)) = \mathcal{V}'(C_t^i(s^t))$ 

Ct ( $s^t$ ) =  $(u^i)^{-1}$  ( $f^i(s^t)$ ) =  $f^i(c_t^i(s^t))$ 

Plug it into  $f^i(c_t^i(s^t)) = f^i(s^t)$ 

Ct ( $s^t$ ) =  $f^i(c_t^i(s^t)) = f^i(c_t^i(s^t))$ 

Plug it into  $f^i(c_t^i(s^t)) = f^i(c_t^i(s^t)) = f^$ 

