by as

composite consumption good moduled as Stone-Geory Junction of the maturalist consumption goods:

bit = min required purchase of good + 800 to i

Bit = share parameter that various of ore reflects chanting combosition

Fullerton + Rogers reference Storret (1988) and Summers (1981) Storret (1988) and solve of and say min cons holy of more realistic save belower > NOTE: 2 BH = 1

-> ER due mos Inofederagio Per Avio Jame feem

consume maximizes of sit budged constraint price by as Cambosigian of composite good varies

2 Si((cit-pit) = &tet

* Why don't Dia alloss el pax brise el bengi MIN required quichases gives -> convolunt in 55, - what @ saterile? into the B.C. - varies over from posts, but

T.e. why subtract bit nos dynamic here

I guess makes idd I do suns sivies C) above deflied

My Party = Py (din-pix) Poit as not of min cons and reduting demands de male sense

2 = M (cid-bid) + X (Pict - 1 ind Pi (cid-bid)) but do we need to adj cous budget constraint > e & No CH=PA Ai then it=0, but

9CH = BIT [=1(CH-PIT) - YB! = 0 A]+

still anges of 14 mobil?

Now dockning constat? 7 By solmated bestownthas fid & > Et Jean individue abjunisation 7 & = ; althellog along; combazité cons. PS = from producers problem ? from tixed well (transtion matrix) is mapping production goods to cons. gods Pi= = 75-75 $C:t = b_{1}t + P_{1}C_{1}P_{1}H$ $C:t = b_{1}t + P_{1}C_{1}P_{1}H$ $C:t = C_{1} = \sum_{i}b_{i}t + P_{1}C_{1}P_{1}H$ $C:t = \sum_{i}b_{i}t + P_{1}C_{1}P_{1}H$ $C:t = B_{1} + P_{1}C_{1}P_{1}H$ $C:t = B_{$ 2+ = [(Pic+ Bit + Kin - Kin) Pit STER [(BH) BH) = [(BH) BH = P4 = C, (Pi BH) BH

Consumer beef over beginning losgs

P; = [8; /23 - 1/23 + (1-8) /23 P; /23] [3/63-1)

4

400 cons. 8 posduction good)

may 3 st. 1 PS Q5+P; Q5 = P5 Q0

be a burn of y from

⇒ Z= [x; 2; + (1-x;) (Q; = 3-1)

+>(P;0;- P;Q;-P;Qne)

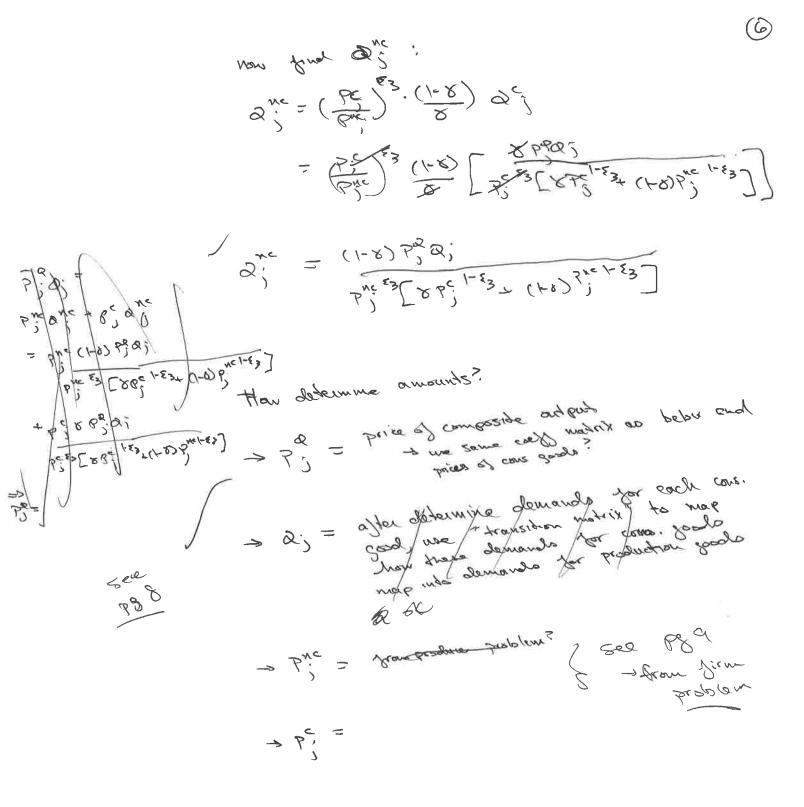
 $\frac{\partial^{3} \delta}{\partial \mathcal{Q}_{5}^{c}} = \left(\frac{\varepsilon_{3}}{\varepsilon_{3}-1}\right) \left[\begin{array}{c} \gamma_{5} \\ \gamma_{5} \end{array}\right] \left[\begin{array}{c} \varepsilon_{3} \\ \varepsilon_{3} \end{array}\right] \left[\begin{array}{c} \varepsilon_{3} \\ \varepsilon_$

 $\left(\frac{\epsilon_3-1}{\epsilon_3}, \epsilon_3\right)^{\epsilon_3}$ $\left(\frac{\epsilon_3-1}{\epsilon_3}-1\right)$ $-\lambda_{i}$ $-\lambda_{i}$ =0

[(=3-1)(1-8;) (2) (2) =3-1 - 19 - 19 =0

3x = 73a; -75a; -P; a5

3 mg , who (3) :



To determine Fig. ->

- note del U(x,y) is treaty homogenous:

(10x, 10 (1xec, xenc) = x (1xec, xenc) = x (1xec, xenc) =

Because U(,) is Smearly homogenous one know malireed while, V, is honogenous

N(6; 16, 10) = / N(6; 16; 0)

and " us " (xe's, xe's, Q's) = 1(e's, e's, Q's)

also know that when with we howardy

V(P(j,P), Qj)= PQ; e(P(j,P))

ecpe; ? ?) = the cost br a unil 68

= 23

E3/ 1/2 = 63/2 (1.8)/8/20) [53 (1.8)/8/20) [53/2] [63/2] [

$$e(P_{3}^{*}, P_{3}^{*}, Q_{3}^{*}) = \frac{Q_{3}^{*}}{P_{3}^{*}} \left(\sum_{k=1}^{N} \frac{1}{P_{3}^{*}} + (1 + Q_{3}^{*}) P_{3}^{*} + (1 + Q_{3}^{*}) P_$$

Thereof Util:

V(PS) PMS | PS | Qi) = FR (C) \(\frac{\xi_3 - \xi_4 + 1}{\xi_3 - 1} = \frac{\xi_5 \xi_5 - 1}{\xi_5 - 1} \)

elp; , P,) = poice of comp = P3 = 333)

= P²(Q) (:) =3-1

こ に、フーを3-1 こにフたを3

> 56 guess wir -> show all show prices gell out -> Prie, Pro -> Pris by CES while Grow & goods sectors offer affregues everything else by transition matrix (Area coeff) - Pi S Pi = M (Pi) Bit Fi ass price level price of composite cons. good for except does Seem like read F MINE @ YEAR consumers Soucest Now Py varies over time decision > at, but have whate posth of \$4 when guess in, i padho when make intertemposed cons/save

what about quantities across levels of conspral?

