Group 6 0201 [ Fall: Problem i. 首先「双第二列段(H项I)(KYV  $2 = \frac{\text{Ct+}^{1}-1}{1-\eta} + \chi \left[\frac{1-3}{1-\eta} + \frac{1-\eta}{1-\eta} - \lambda \left[\frac{1-\eta}{1-\eta} - \lambda \left[\frac{1+\eta}{1-\eta} + \frac{1+\eta}{1-\eta}\right]\right]$ ( 3d = GH - X=0  $\frac{\partial C_{HI}}{\partial b_{HI}} = \chi(H_3)^{1/3} b_{HI}^{1/3} = \lambda = 0$   $\Rightarrow \text{知 } A = \text{WH} + (H_3)^{1/3} b_{HI}^{1/3} = \lambda = 0$   $\Rightarrow \text{知 } A = \text{WH} + (H_3)^{1/3} b_{HI}^{1/3} = \lambda = 0$   $\Rightarrow \text{D } \text{D }$  $J(cr.St) = \frac{(\alpha^{1-\eta}-1)}{1-\eta} + \beta \left[ \frac{(\alpha St)}{\alpha+1} \right]^{1-\eta} + \chi \left[ \frac{(1-3)(\alpha+1)}{1-\eta} \right] - \lambda (\alpha+St-A)$ < 3d = G+n-1=0  $\frac{\partial \mathcal{L}}{\partial St} = \beta \left(\frac{\alpha}{\alpha + 1}\right)^{1 + 1} S + \frac{1}{1} + \beta \chi \left(\frac{1 - 3}{\alpha + 1}\right)^{1 + 1} S + \frac{1}{1} - \lambda = 0$ 联解停 St= W+1++(+3)b++9+ [B(x+)-7+BX(1-8)-7-7+1 Ct = [B( att) +n+BX(1-8) +n] -h St C++1= X-4 (1-3) 4 7-7 (1-3) 7 +1 St b++ = 3t / +1 与ル= (B(x+1)1-り+BX(1-多)1-り]-り St= An btn= St .. St = wtlit + 1-3 bt + yt 91= 1/8 = Sty = 3 kt - St = ut W+ Lit + 1-3 b+ + (a+1) (u+1) kt = 1 WT LIT + 1-3 St-1 + 3 (WHI) Rt

Problem 3:0 {AU kt = t+t of A(Ha) kt = wt

Problem 4: 
$$RtH = \frac{ktH}{LtH} = \frac{\int St \, di}{\int LtH} = \frac{\int St \, di$$

Problem 5:

The steady state: 
$$kth = \frac{1}{MH} A(k+1)k+1 + \frac{1}{(MH)(MH)} k+1$$
 $k = \frac{1}{MH} \frac{1}{M(MH)(N-1)} \frac{1}{MM+M+M}$ 
 $k = \frac{1}{MH} \frac{1}{M(M+1)(N-1)} \frac{1}{MM+M+M}$ 
 $k = \frac{1}{MH} \frac{1}{M(M+1)(M+1)} \frac{1}{MM+M+M}$ 
 $k = \frac{1}{MH} \frac{1}{M(M+1)(M+1)} \frac{1}{M(M+1)} \frac$ 

Problem 6.

Qitth=Glit+C4Qit+Qt
t>DOFT Qiv=
$$\frac{C5}{1-C4}+C3$$
 to  $\frac{1}{1-C4}+C3$  to  $\frac{1}{1-C4}+C4$  t