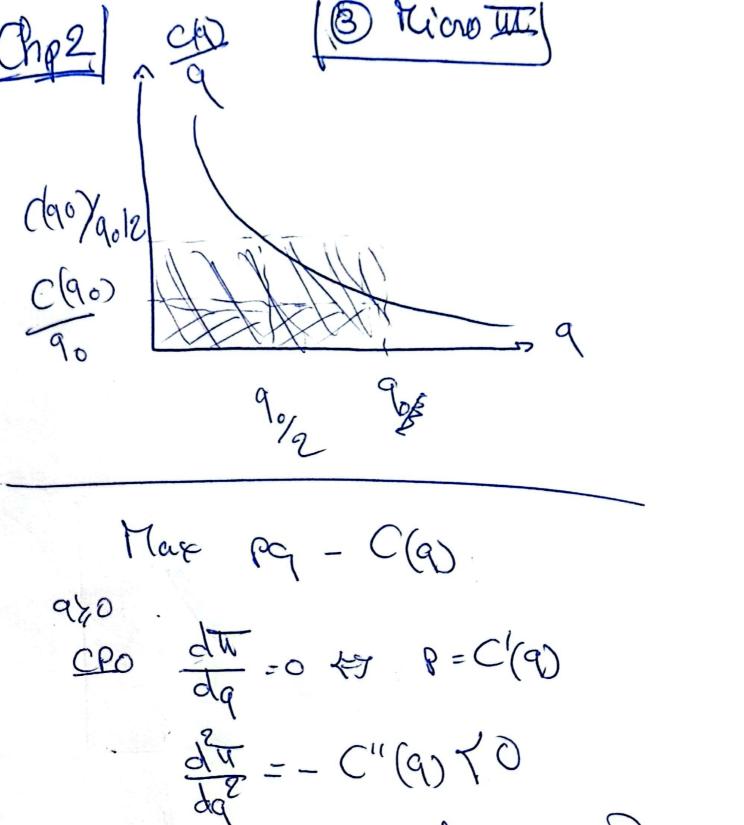
Mano III Chp 1/ C. fonction de cout D(P): denado $q = \mathcal{O}(p) \neq \gamma p = \psi(q)$ Edemale Colemande inverse. Si Db = P4 (et via vere) supreflus consamateur: Sc = Soppage Page = 5 P max (100) dp Sp { M = P, 9 - C(9) dy aver C(9) - C(0) = 50 C(9) dy

Car P J



équilibre effere et demand: P = P(q).

4 Horo III 2.2) Effet terration [P.25]. متع التولة ہے [4] = 37 + [(p-t) D(p) - C(D(p))] = Sphowa fit +[] P(9)dq - p. D(P)] esc. ST = 1 P(9)29 - C(D(p)) ST et maximal: Pc = C'(D(B)) paix de CPD (concurrence purq ut paufaite) (A) + (B) = 0 D(R) - t D'(R) = 0Cas $t = \frac{D(R)}{D'(R)} < 0 \quad con D = D'(R)$ to $t = \frac{D(R)}{D'(R)} < 0 \quad con D = D' < 0$ correspondansubvention

parabhers P.27

 $\max\left(\Pi = \sum_{i=1}^{2} \left[P_{i}D_{i}(p_{i}) - C_{i}(D_{i}(p_{i}))\right]$ $\left(P_{i,i-1}P_{0}\right)$

 $\frac{CPO}{P_{1}} \cdot \frac{A_{1} = 1}{P_{1}} - 10^{3}, \quad \frac{\partial \pi}{\partial P_{2}} = 0$ $\frac{CPO}{P_{1}} \cdot \frac{D_{1}(P_{1})}{P_{2}(P_{2})} + \frac{D_{1}(P_{2})}{P_{2}(P_{2})} = 0$ $- D_{1}'(P_{2}) \cdot C_{1}'(P_{2}) \cdot C_{2}'(P_{2}) = 0$

3.21
$$\frac{\partial \Pi}{\partial \rho_1} = \rho_1 \frac{\partial D_1}{\partial \rho_2} + D_1 + \rho_2 \frac{\partial D_2}{\partial \rho_1} - \frac{\partial D_2}{\partial \rho_1} \frac{\partial D_2}{\partial \rho_1} - \frac{\partial D_2}{\partial \rho_2} - \frac{\partial D_2}{\partial \rho_1} C_1(D_1)$$

$$- \frac{\partial D_2}{\partial \rho_1} C_2(D_2) = 0$$

$$\frac{\partial T}{\partial \rho_2} = \rho_2 \frac{\partial D_2}{\partial \rho_1} + D_2 + \rho_1 \frac{\partial D_1}{\partial \rho_2} - \frac{\partial D_2}{\partial \rho_2} C_2(D_2).$$

$$- \frac{\partial D_1}{\partial \rho_2} C_1(D_1) = 0$$