Corrigé ECOPO :   2010

II. 2) $R_m = C_m$ CPO

$-10q + 187,5 = 30q^2 - 250q + 300$

$30q^2 - 240q + 112,5 = 0$

$\Delta = 44100 = 210^2$ $\begin{cases} q_1 = \dfrac{240 + 210}{60} = \underline{7,5} \quad \rightarrow p = \underline{150} \\[2mm] q_2 = \dfrac{240 - 210}{60} = 0,5 \quad \text{à écarter CSO !} \end{cases}$

$R_m' - C_m' < 0$ CSO

$-10 - 60q + 250 < 0$

$\qquad 60q \quad > 240$

$\qquad\quad q \quad > 4$

$\Pi = 1125 - 437,5 = \underline{687,5}$

$e_{D/p} = -\dfrac{1}{5} \cdot \dfrac{p}{q} \quad , \text{car } \dfrac{dq}{dp} = D'(p) = -\dfrac{1}{5}$

$\qquad = -\dfrac{1}{5} \cdot \dfrac{150}{7,5} = \underline{-4}$

IV. $Y = 0,8 \cdot 0,8 Y + 720$

$\quad Y = 0,64 Y + 720$

$\quad Y_E = \dfrac{1}{0,36} \cdot 720 = \underline{2000} \qquad\qquad \rightarrow SB = 400 - 320 = \underline{+80} \text{ "excédent"}$

$Y_{P.E.} > Y_E \rightarrow$ pol. budgétaire expansionniste : $\Delta Y = k \cdot \Delta G_0$

$\qquad\qquad\qquad\qquad\qquad\qquad +150 = \dfrac{1}{0,36} \cdot \Delta G_0$

$\qquad\qquad\qquad\qquad\qquad\qquad \underline{\Delta G_0 = +54}$

$\qquad\qquad\qquad\qquad \rightarrow SB' = T' - G' = 430 - 374 = \underline{+56}$