

RESOLUCIÓN AYUDANTÍA 4

a) $E \Rightarrow Y = C + I + G + XN$

$$80.000 = 35.627 + 4512 + 1250 + 2400 + 100 \cdot E$$

$$80.000 = 43.789 + 100E$$

$$E = 362,11$$

b) Consumo:

$$C = C_0 + cY_d - gr_y$$

$$C = 230 + 0,5(80.000 - 9700 + 500) - 5 \cdot 0,6$$

$$C = 35.627$$

Ahorro total:

$$S_T = S_P + S_G$$

$$S_T = 35.173 + 7950$$

$$S_T = 43.123$$

Impuestos:

$$T = T_0 + t_y$$

$$T = 1700 + 0,1 \times 80.000$$

$$T = 9700$$

Inversión:

$$I = I_0 - dr + jY$$

$$I = 4515 - 5 \cdot 0,6 + 0 \cdot 80.000$$

$$I = 4.512$$

Exportaciones netas:

$$XN = XN_0 + h \cdot E$$

$$XN = 2400 + 100 \cdot E$$

$$XN = 2400 + 100 \cdot 362,11$$

$$XN = 38.611$$

Tributación neta

$$T_n = T - T_r$$

$$T_n = 9700 - 500$$

$$T_n = 9200$$

Ahorro privado:

$$S_P = Y - C - T_n$$

$$S_P = 80.000 - 35.627 - 9200$$

$$S_P = 35.173$$

Inversión neta extranjera

$$NFI = S_T - I$$

$$NFI = 43.123 - 4512$$

$$NFI = 38.611$$

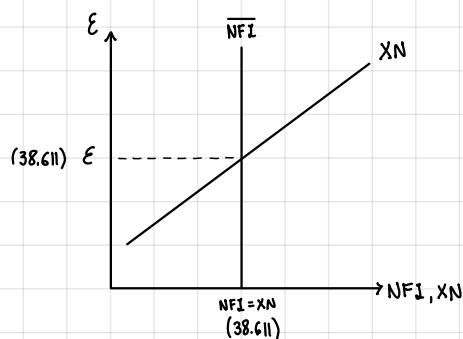
Ahorro gubernamental

$$S_G = T_n - G$$

$$S_G = 9200 - 1250$$

$$S_G = 7950$$

c)



d) Aumento del consumo autónomo a 300 (Explique, grafique y calcule)

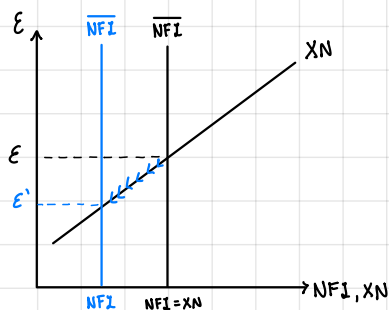
$$\bar{Y} - \bar{C}(r^*) - \bar{T}_n + \bar{T}_n - \bar{G} - \bar{I}(r^*) = XN(E)$$

$$\downarrow S_P(r^*) + \bar{S}_G(r^*) - \bar{I}(r^*) = XN(E)$$

$$\downarrow S_T(r^*) - \bar{I}(r^*) = XN(E)$$

$$\downarrow NFI(r^*) = \downarrow XN(\downarrow E)$$

Al aumentar el C, disminuye S_P , por ende S_T , provocando que $\downarrow NFI$, la entrada de más capitales, generando un exceso de oferta de US\$, aumenta E , disminuye E , $\uparrow Z$, $\downarrow X$, $\therefore \downarrow XN$



- ① Exc. off US\$
- ② $\downarrow E$ (apre \$; depre US\$)
- ③ $\downarrow E$ (menos competitivos)
- ④ $\downarrow X$
- $\uparrow Z$
- ⑤ $\downarrow XN$

$$C = 300 + 0,5 \times 80.000 - 5 \times 0,6$$

$$C = 35.697 \text{ disminuye}$$

$$I = 4515 - 5 \cdot 0,6 + 0 \cdot 80.000$$

$$I = 4512 \text{ mantiene}$$

$$S_p = 80.000 - 35.697 - 9200$$

$$S_p = 35.103 \text{ disminuye}$$

$$S_g = 9200 - 1250$$

$$S_g = 7950 \text{ mantiene}$$

$$NFI = 43.053 - 4512$$

$$NFI = 38.541 \text{ disminuye}$$

$$XN = 2400 + 100 \times \epsilon \quad \dots \rightarrow NFI = XN$$

$$XN = 2400 + 100 \times 361,41 \quad 38.541 = 2400 + 100 \epsilon$$

$$XN = 38.541$$

$$\epsilon = 361,41$$

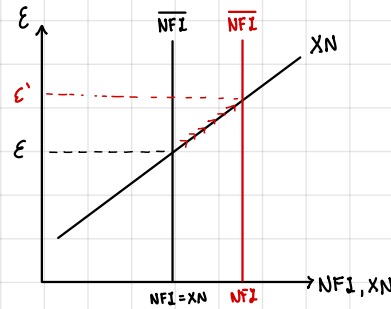
e) Si $\uparrow r^*$ a 0,7

$$\bar{Y} - \downarrow C(r^*) - \bar{T}_n + \bar{T}_n - \bar{G} - \downarrow I(r^*) = XN(\epsilon)$$

$$\uparrow S_p(r^*) + \bar{S}_g(r^*) - \downarrow I(r^*) = XN(\epsilon)$$

$$\uparrow S_T(r^*) - \downarrow I(r^*) = XN(\epsilon)$$

$$\uparrow NFI(r^*) = \uparrow XN(\epsilon)$$



① Exc dea US\$

② $\uparrow \epsilon$

③ $\uparrow \epsilon$

④ $\uparrow X$

$\downarrow Z$

⑤ $\uparrow XN$

$$\epsilon \Rightarrow Y = C + I + G + XN$$

$$80.000 = 35.626,5 + 4511,5 + 1250 + 2400 + 100 \cdot \epsilon$$

$$80.000 = 43.788 + 100 \cdot \epsilon$$

$$\epsilon = 362,12$$

Consumo:

$$C = C_0 + c_Y Y - g_r$$

$$C = 230 + 0,5(80.000 - 9700 + 500) - 5 \cdot 0,7$$

$$C = 35.626,5 \text{ disminuye}$$

Ahorro total:

$$S_T = S_p + S_g$$

$$S_T = 35.173,5 + 7950$$

$$S_T = 43.123,5 \text{ aumenta}$$

Inversión:

$$I = I_0 - dr + j_Y$$

$$I = 4515 - 5 \cdot 0,7 + 0 \cdot 80.000$$

$$I = 4511,5 \text{ disminuye}$$

Exportaciones netas:

$$XN = XN_0 + h \cdot \epsilon$$

$$XN = 2400 + 100 \cdot \epsilon$$

$$XN = 2400 + 100 \cdot 362,12$$

$$XN = 38.612 \text{ aumenta}$$

Ahorro privado:

$$S_p = Y - C - T_n$$

$$S_p = 80.000 - 35.626,5 - 9200$$

$$S_p = 35.173,5 \text{ aumenta}$$

Inversión neta extranjera

$$NFI = S_T - I$$

$$NFI = 43.123,5 - 4511,5$$

$$NFI = 38.612 \text{ aumenta}$$

Ahorro gubernamental

$$S_g = T_n - G$$

$$S_g = 9200 - 1250$$

$$S_g = 7950 \text{ mantiene}$$