

①

# SPÉCIALIZZAZIONE E

## VANTAGGIO COMPARATO

MELT

GRANO

GRETA

1250

50 T

25

CARLOS

1000

20 T

50

VANTAGGIO ASSOLUTO

$Q > C$

VANTAGGIO COMPARATO

$Q > C$  mel grano

$C > Q$  nelle mele

# AUTOSUFFICIENZA

GRETA  
40/60  
MELE 500  
GRANO 30T

CARLOS  
30/70  
MELE 300  
GRANO 14T

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800 MELE  
44T GRANO

SPEC. e SCAMBIO  
1Tg = 40 Mele

GRETA 0 MELE 600 M  
50T GRANO 35T G

CARLOS 1000 MELE 400 M  
0T GRANO 15T G

SCAMBIO 15T

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1000 M  
50T G

## 2. COSTAZIONE

$$10 \text{ €} \times h = W$$

$$\max 15$$

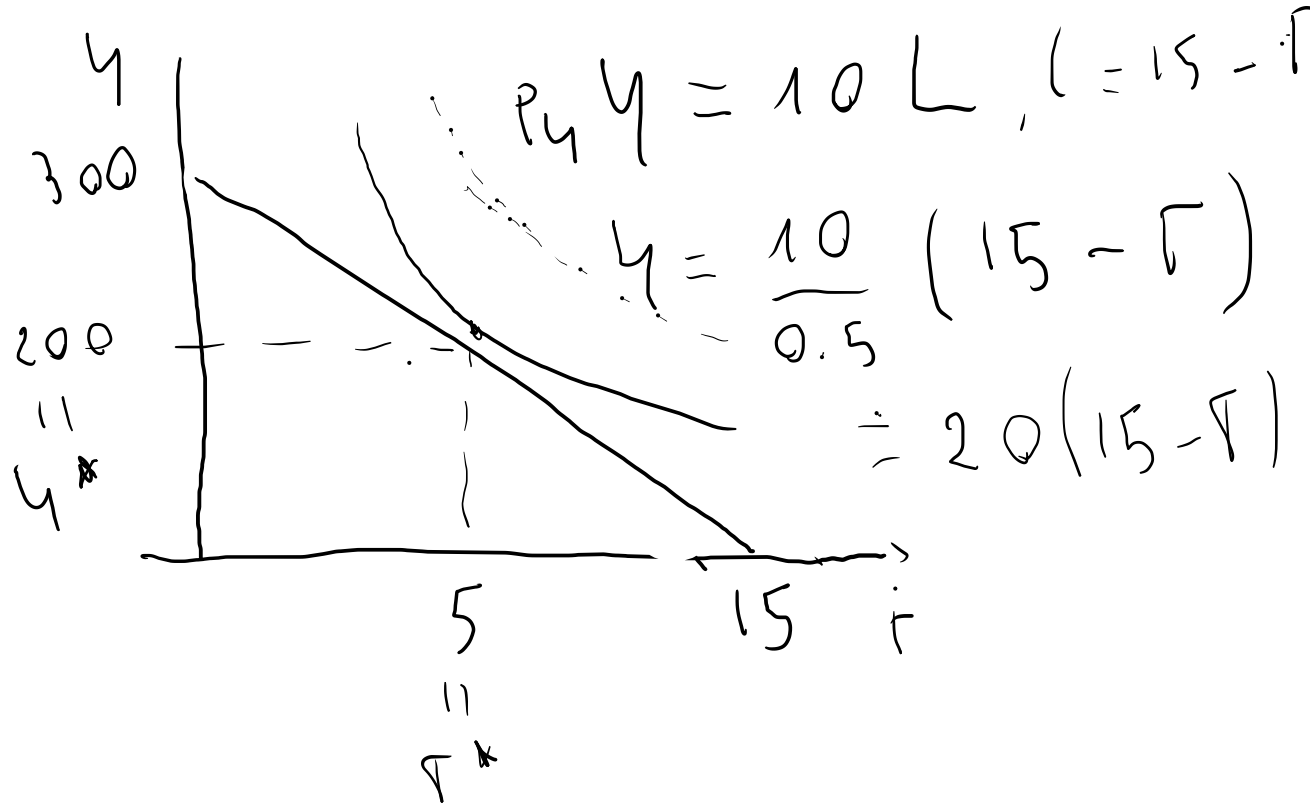
$$P_Y = 0.5 \text{ €}$$

$$T = 15 - L$$

Y

$$U = T^{0.5} Y$$

(a) VINCOLO di BILANCIO



⑥ FOC & SOL

$$\left\{ \begin{array}{l} \frac{U_T}{U_Y} = 20 \\ Y = 20(15 - T) \end{array} \right.$$

$$\left\{ \begin{array}{l} \frac{0.5 T^{-0.5} Y}{T^{0.5}} \\ \dots \end{array} \right.$$

$$\left\{ \begin{array}{l} \frac{0.5 Y}{T} = 20 \\ \dots \end{array} \right.$$

$$\left\{ \begin{array}{l} 0.5 Y = 20 T \\ \dots \end{array} \right.$$

$$\left\{ \begin{array}{l} Y = 40 T \\ Y = 300 - 20 T \end{array} \right.$$

$$60 T = 300$$

$$T^* = 5$$

$$Y^* = 200$$

# © STATICA COMPARATA

$$w \uparrow 15$$

$$FOC : \frac{0.5Y}{\Gamma} = 30$$

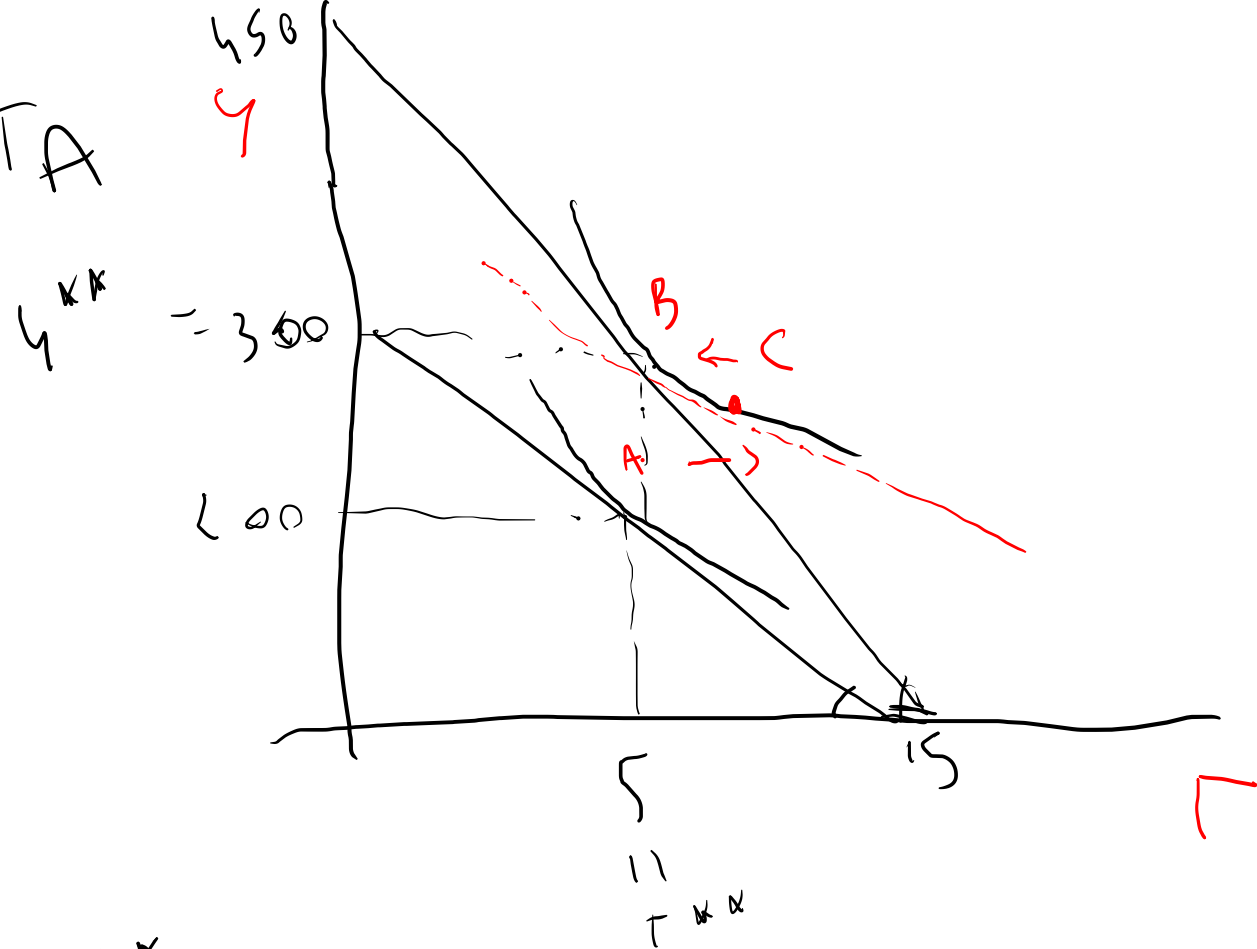
$$Y = 30 \cdot 15 - 30\Gamma$$

$$Y = 60\Gamma$$

$$Y = 450 - 30\Gamma$$

$$\Rightarrow \Gamma^{**} = \frac{450}{90} = 5$$

$$Y^{**} = 450 - 30 \cdot 15 = 300$$



### ③ PASQUALE e NATALINO

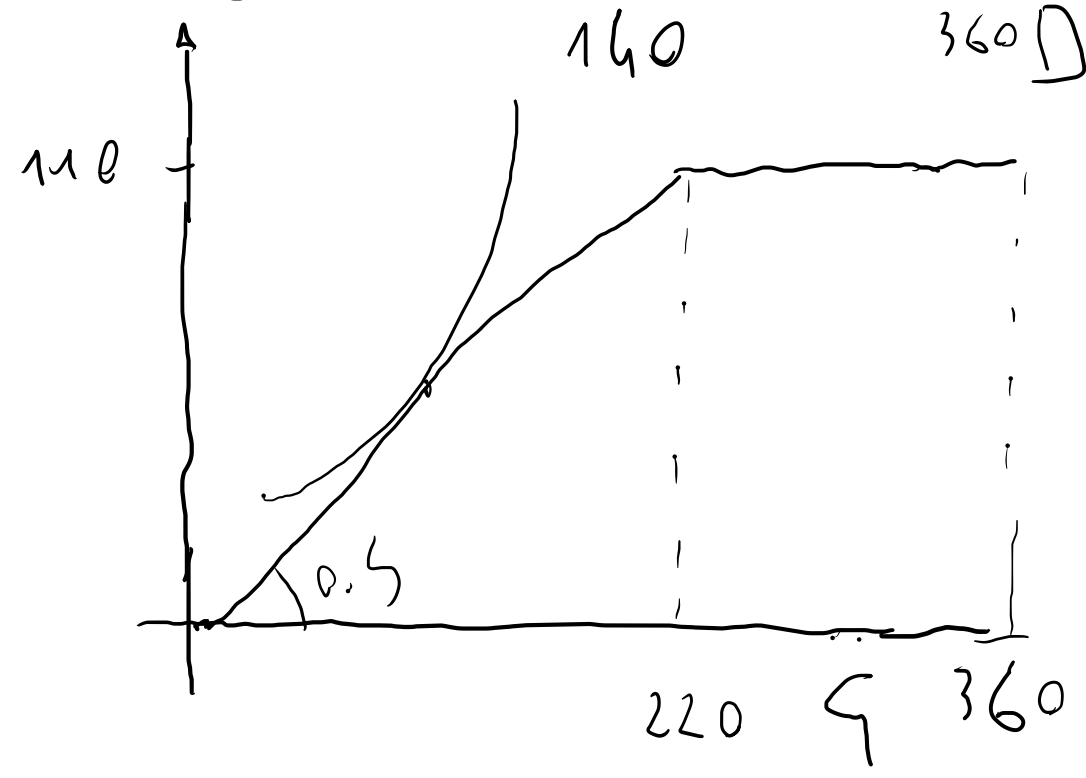
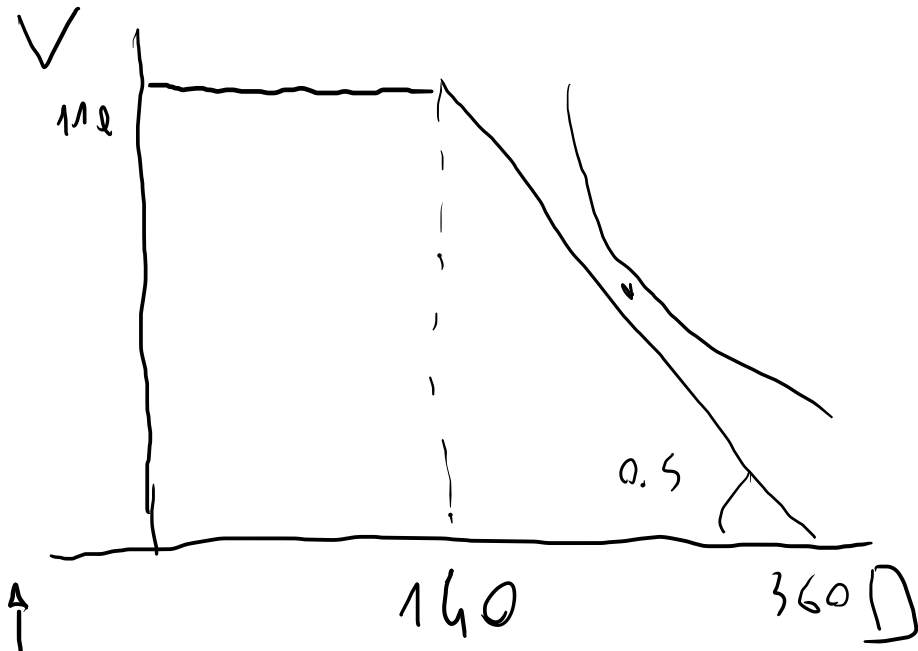
$$V = 0.5 \eta, \quad \eta = \bar{\eta} - D$$

MAX 360

$$U_P = D_P V_P$$

$$U_N = D_N^{1.5} V_N$$

$$V = 0.5 (\bar{\eta} - D) = 180 - 0.5 D$$



⑤ FOC e SISTEMI

P

$$\begin{cases} \frac{V}{D} = 0.5 \\ V = 180 - 0.5D \end{cases}$$

$$\begin{cases} V = 0.5D \\ n_p^* = 180 \\ V_p^* = 180 \cdot 0.5 = 90 \end{cases}$$

N

$$\begin{cases} \frac{\frac{3}{2} D^{1/2} V}{D^{3/2}} = 0.5 & 72 \\ & 11 \\ & V_N^* = \frac{1}{3} 216 \end{cases}$$

$$\begin{cases} \frac{3}{2} \frac{V}{D} = 0.5 & D_N = 216 \\ V = 180 - 0.5D \end{cases}$$

$$\begin{cases} V = \frac{1}{3} D \\ \frac{1}{3} D = 180 - \frac{1}{2} D \Rightarrow \frac{5}{6} D = 180 \end{cases}$$

