

17

$$V = l \cdot C$$

$$\max 20 \text{ h}$$

$$w = 10 \text{ €} \times h$$

$$l = 20 - h$$

$$p_C = 1 \text{ €}$$

a:

$$C = 10(20 - l) \\ = 200 - 10l$$

$$\frac{dC}{dl} = -10$$

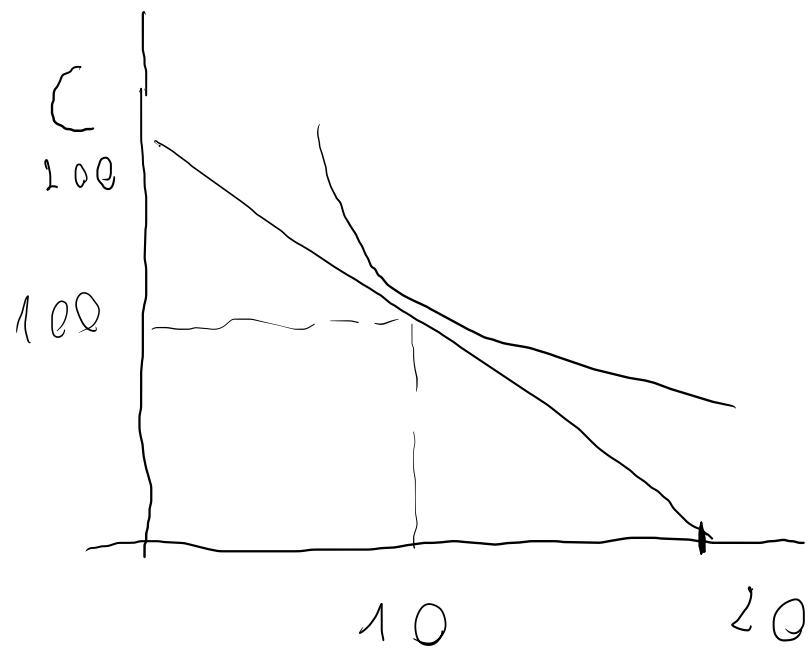
b:

FOC

$$\left\{ \begin{array}{l} \frac{C}{l} = 10 \Rightarrow C = 10l \\ C = 200 - 10l \end{array} \right.$$

$$20l = 200 \\ l^* = 10$$

$$C^* = 200 - 10 \cdot 10 \\ = 100$$



$$Z = 100$$

$$P_c(L) = Z + w(20 - L)$$

$$C = 100 + 10(20 - L)$$

$$FOC \left\{ \begin{array}{l} \frac{C}{L} = 10 \Rightarrow C = 10L \end{array} \right.$$

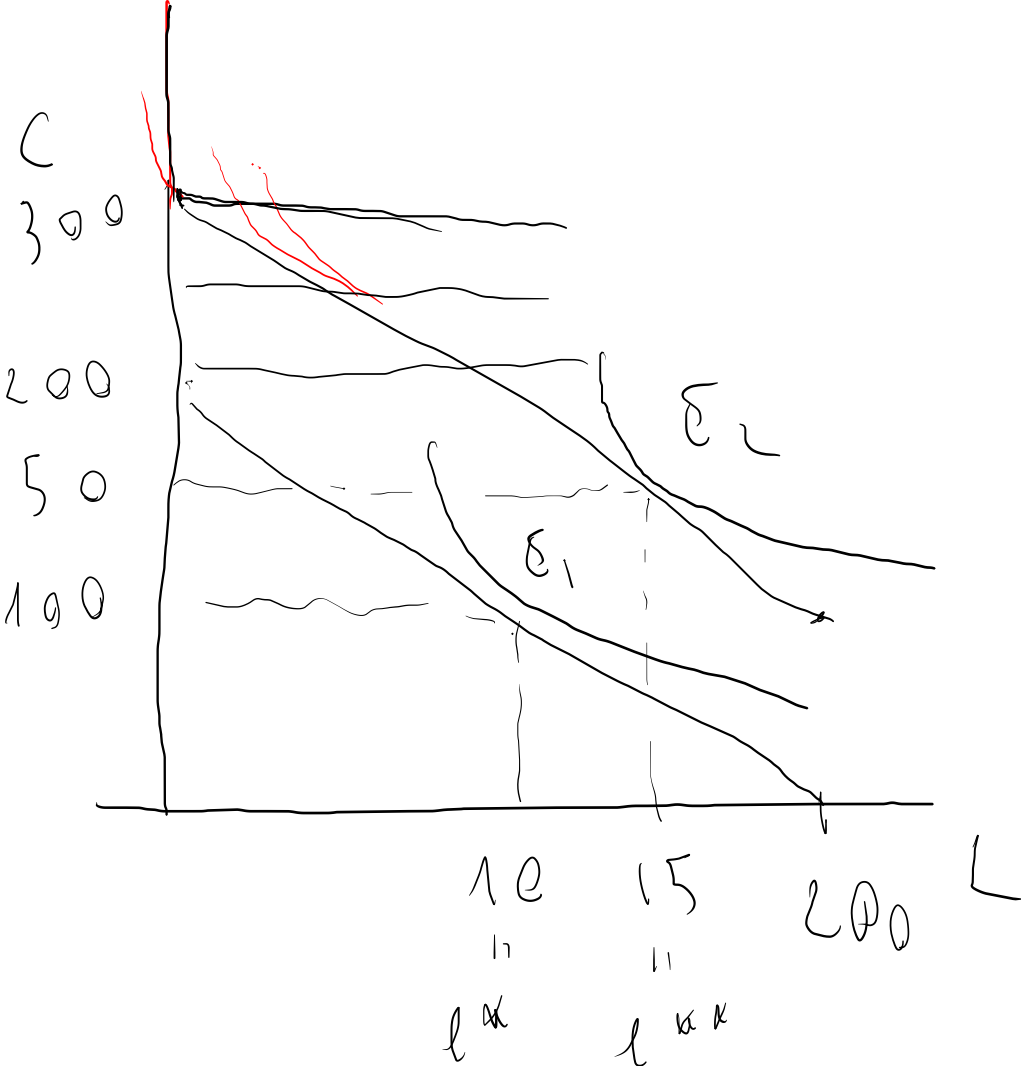
$$C = 100 + 200 - 10L$$

$$C = 300 - 10L$$

$$C^{**} = 200$$

$$C^* = 150$$

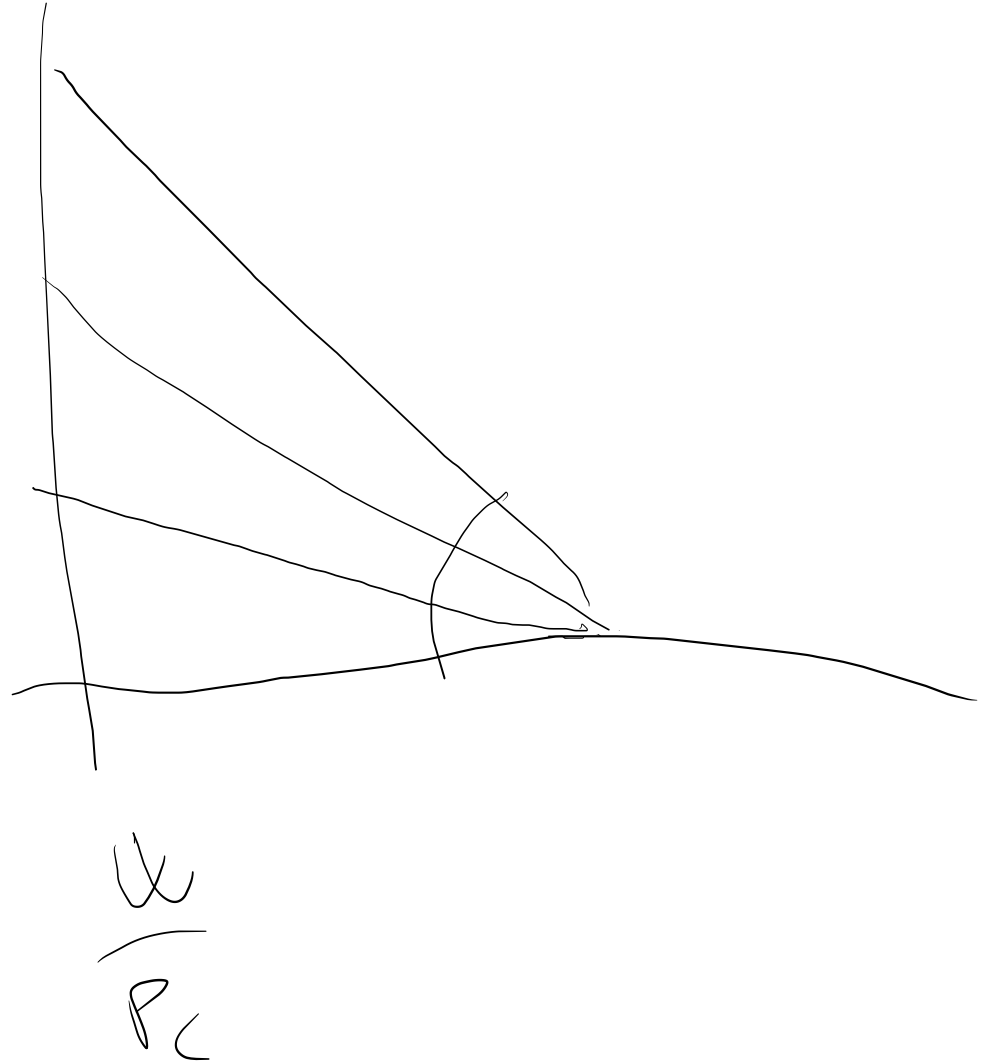
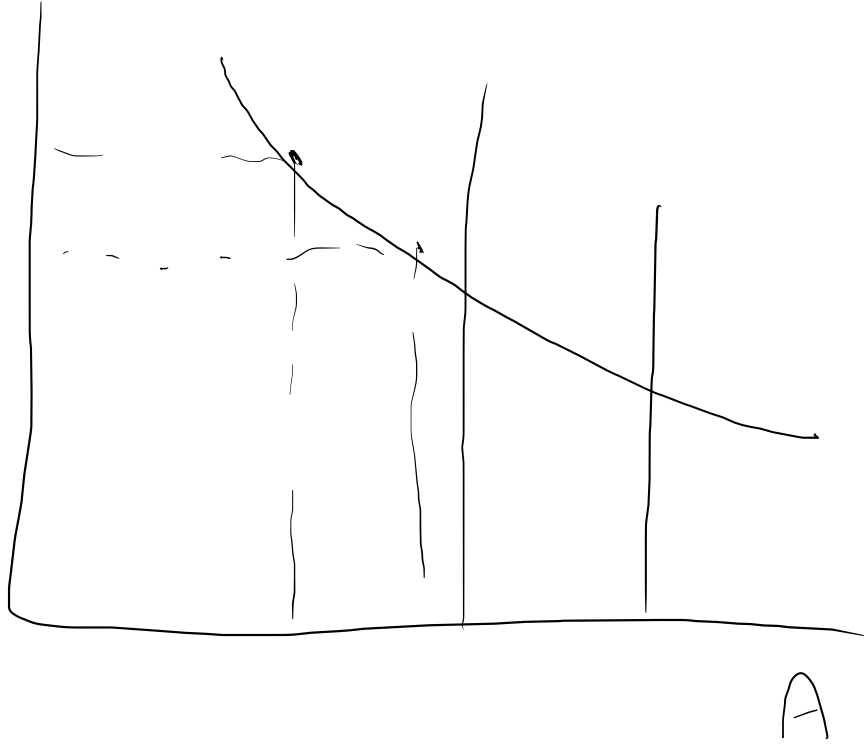
$$C^u = 100$$



$$20L = 300 \quad L^{**} = 15$$

$$C^{**} = 150$$

B



2018

	B	
	C	NC
A	C	NC
C	4, 4	4, X x
NC	X, 4 +	2, 2 + x

X, 4 f.c. DP

X > 4

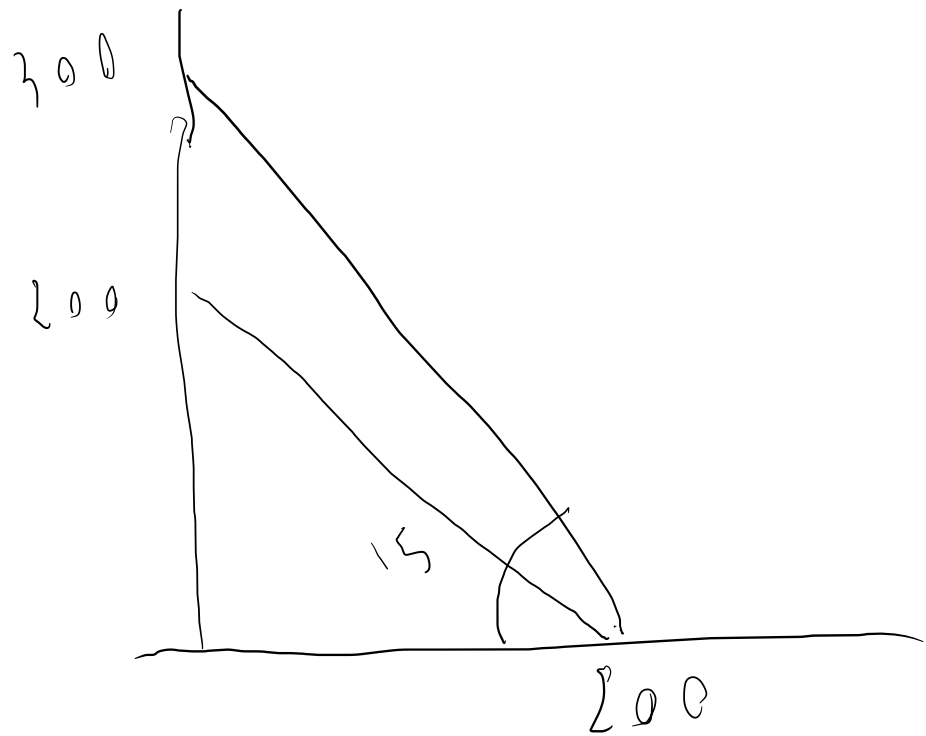
2 > ~~X~~

	B	
	C	NC
A	C	NC
C	4, 4	4, X
NC	X, 4	2, 2

X, 4 f.c. cond

4 > X

2 > 4



	C	NC
C	2,5 ; 1,5	0,5 x, x
NC	5,0 x, +	x, 4 -1, -1

$x, 4$ s.c. F/C o coördinaten 0

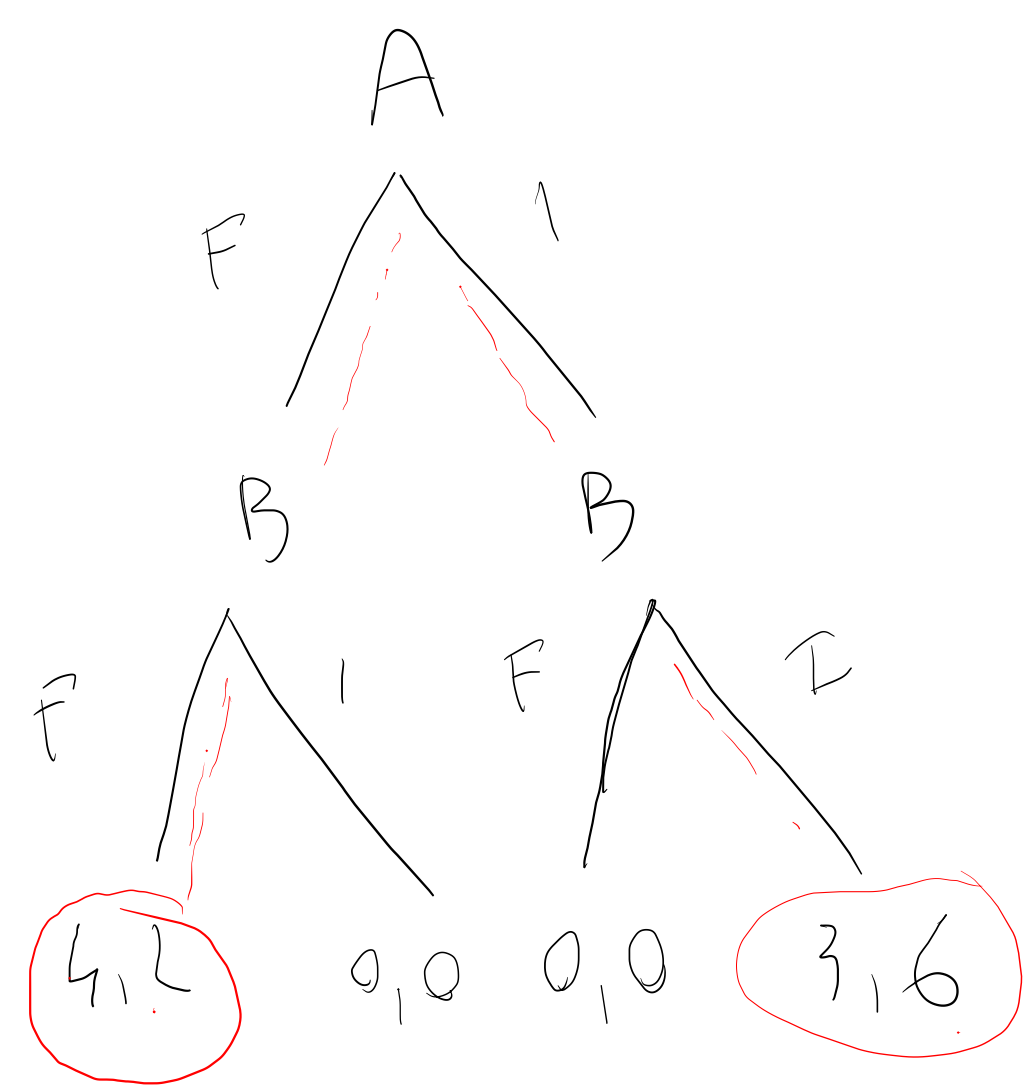
$$x = 4 \notin \Theta \quad \text{f.e. } -1$$

Taylor
 $\Rightarrow 3 \text{ cent} \neq$
 $+ \text{ cost}$

2021

		F	I
A	B		
F		4, 2	0, 0
I		0, 0	3, 6

Max \hookrightarrow
Min \hookrightarrow



A = 4
B = 5

BIO 2018

GRANO

CELRIS

B_S

G_C

G_S

CONS. POSSIBILI

SUSSIDIO

T_S

T_C

T_L

B_C

