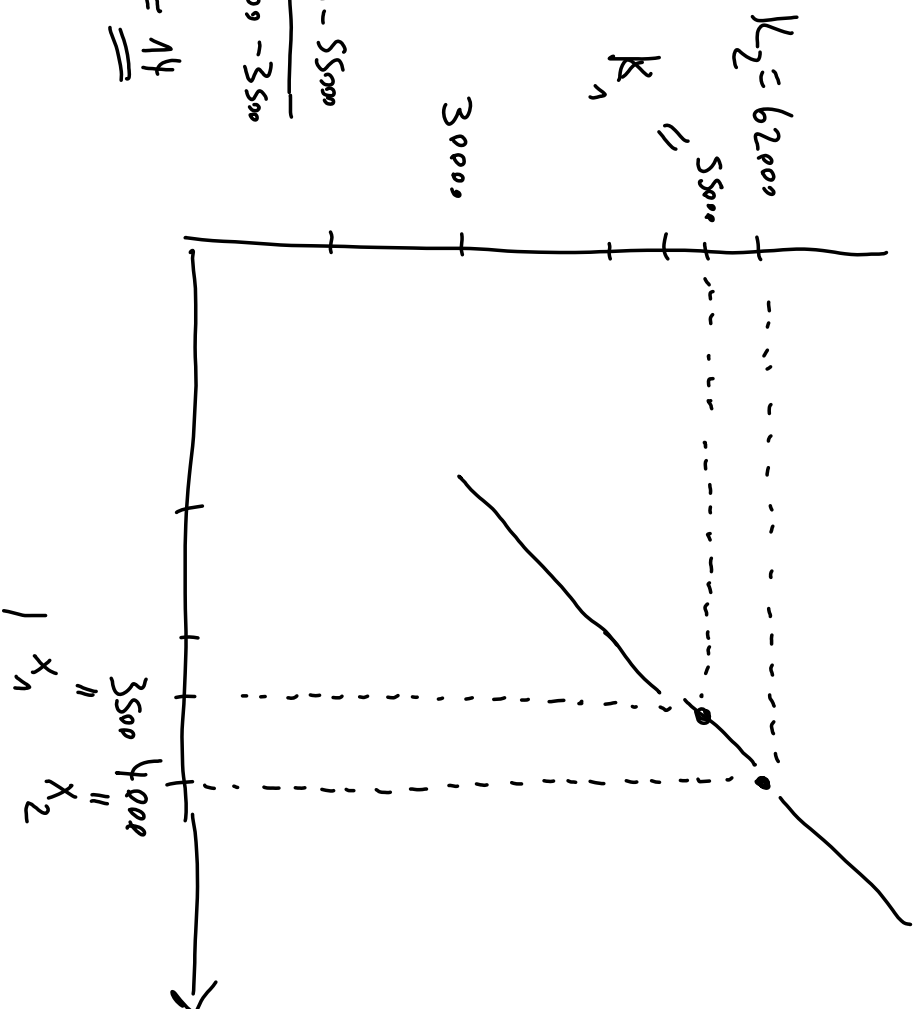


$$K(x) = K_v(x) + K_f$$

$$= k_v \cdot x + K_f$$

$$k_v = \frac{K_2 - K_1}{x_2 - x_1}$$

$$= \frac{62000 - 55000}{4000 - 3500} = \frac{7000}{500} = 14$$



$$K_f = K - k_v \cdot x \Rightarrow K_f = K_2 - k_v \cdot x_2 = 62000 - 14 \cdot 4000 = 60000$$

$$K_f = K_1 - k_v \cdot x_1 = 55000 - 14 \cdot 3500 = 60000$$

$$c) \quad X_{SE} = \frac{K_f}{r - k_v} = \frac{K_f}{\Delta r} = \frac{6.000}{45 - 14} = \frac{6.000}{31} = 193,548$$

d)

$$d1) \quad G^* = \underbrace{K_f + G^*}_{r - k_v} X$$

$$15000 = E - K = 45 \cdot X - (14 \cdot X + 6000)$$

$$= \frac{6000 + 15000}{45 - 14} = 677,42$$

$X^* = 678$

	Ausst.	Ausst.	Ausst.	Kosten
a)	X	X	X	X
b)	X	no	X	X
c)	X	X	X	KEINE KOSTEN
d)	X	X	X	X
e)	NG	NG	NG	X
f)	84000 € (= 0,7 · 120.000)	120.000 €	9.500 €	1.000 (= $\frac{120.000}{10} \cdot \frac{1}{12}$ )

ZUSATZLICHE  
 VON VERBUNDENEN  
 ?  
 KEINE KOSTEN