

## Analyse d. Algo Go h $X_A$ ?

Ziel: • Gewinn

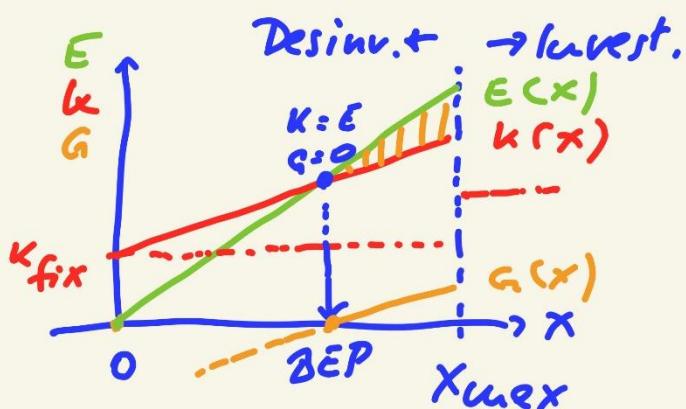
Restriktionen:

- $P_{Guth}$ ;  $P_{verb. Gith}$
- $K_{max}$
- $K$  ————— spruchfixe K.  
 $i$  ————— fixe K.  
 variable K.

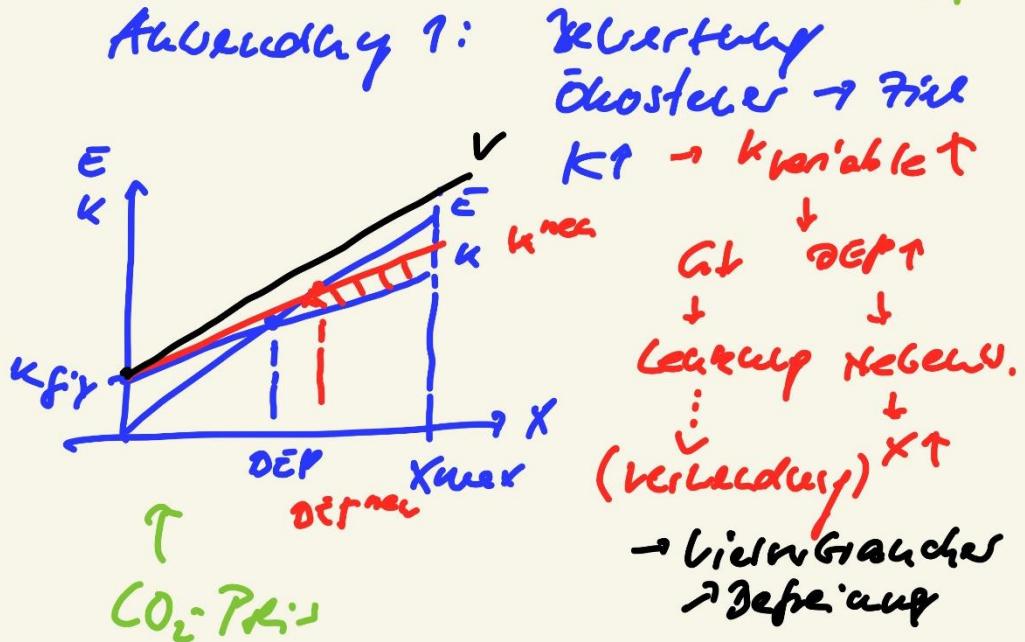


opt. Produktionsplan:  $X_A$  ·  
 bestimmen  $\rightarrow$  fikt. Punkt  $K \rightarrow$  Gewinn

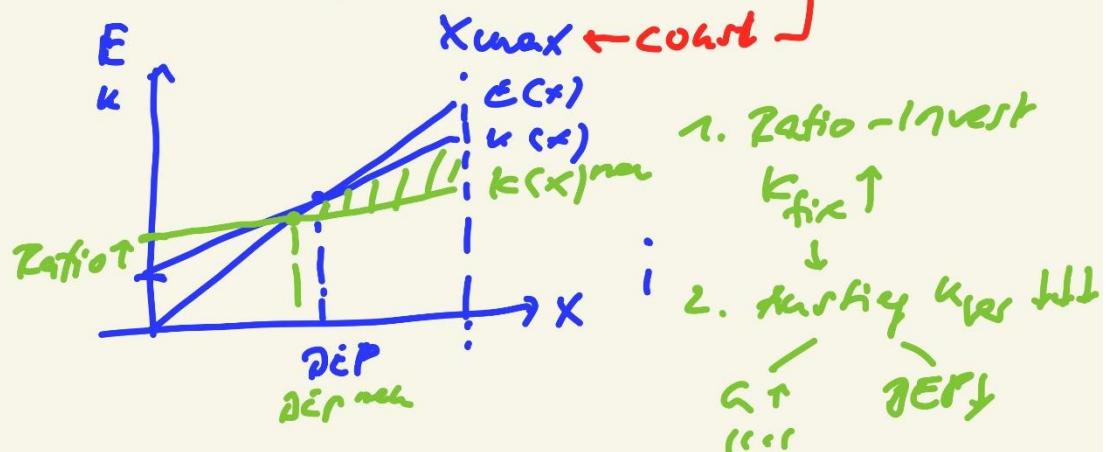
## lineare Kosten



Gewinn:  
 bei  $X_{max}$   
 aber:  
 Auslastung  
 < 100%  
 a) steigende Umlauf  
 b) Elastizität  
 (p0 - 85%)

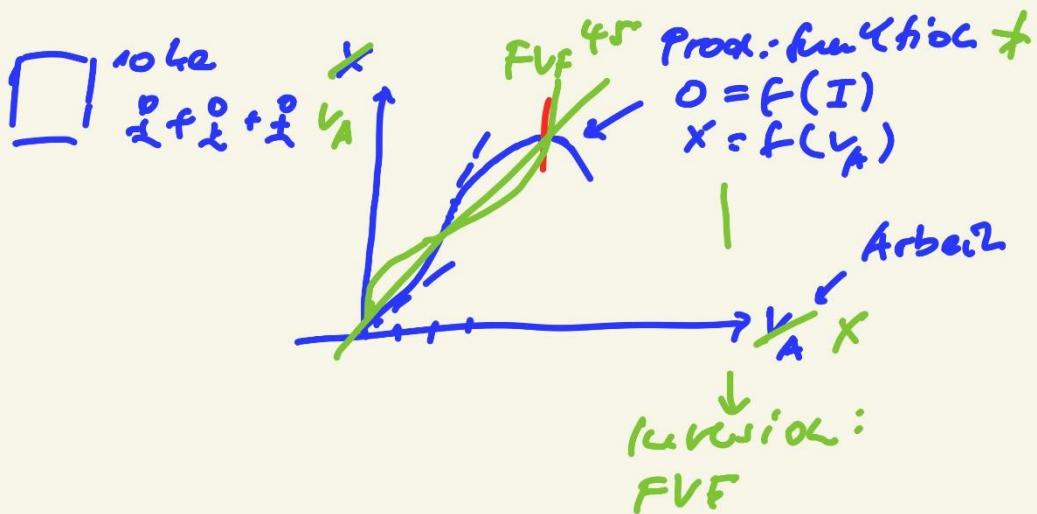


## Auverdung 2: Rationalisierung

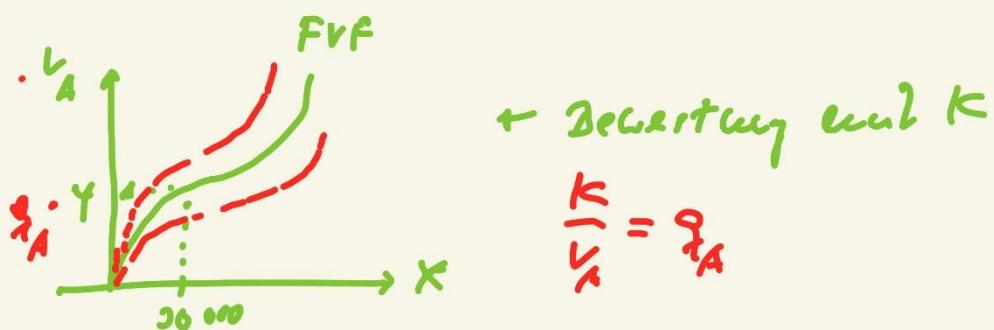


## Kosten Ertragsteile

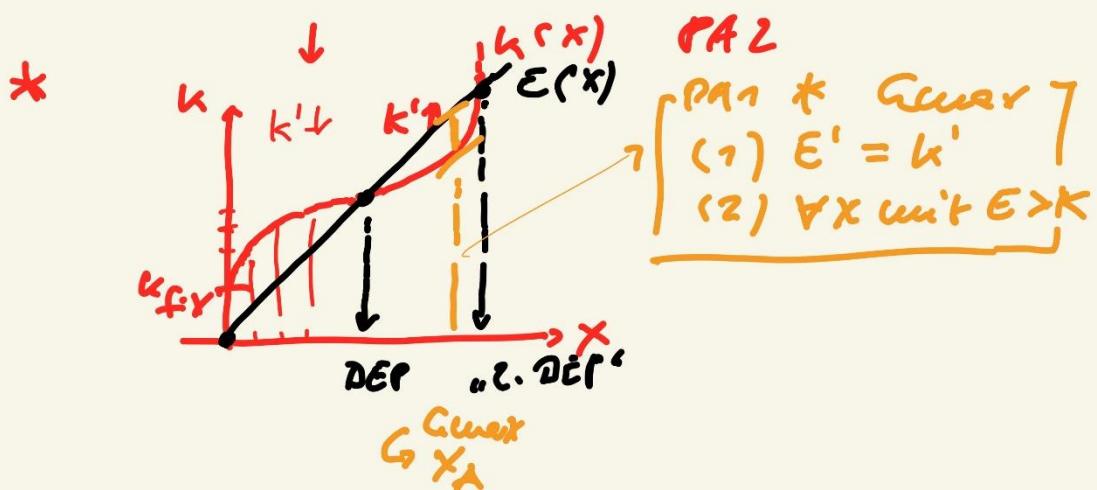
kth  
sPCE



↓  
Kostenloch:  
 $FVF$



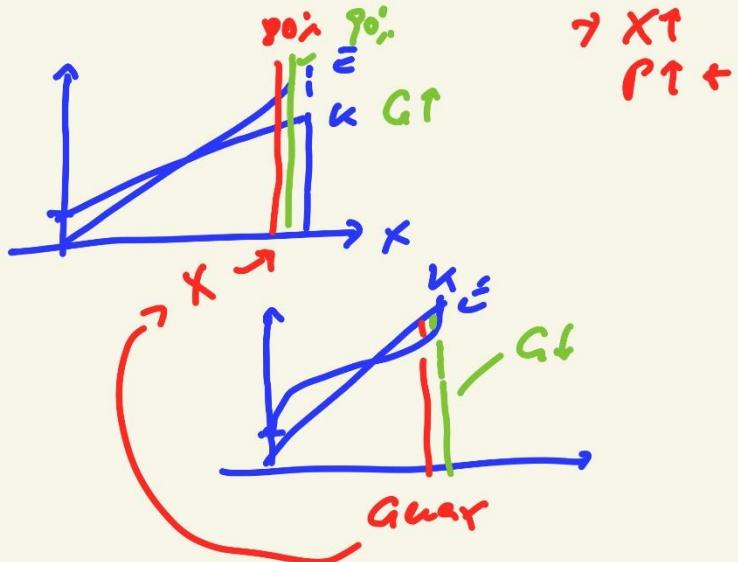
+ Beziehung zw K  
 $\frac{K}{v_A} = q_A$



PAZ

(1)  $E' = k'$   
(2)  $\forall x \text{ mit } E > K$

$k_1$	100 000	$E > K$	$\rightarrow \ddot{c} G > 0$
$k_2$	110 000	$E' > K'$	$\rightarrow +10 000$
$k_3$	120 000	$E'' = K''$	$\rightarrow \ddot{c} \ddot{c} \text{ Gewinn}$



Kosten nach Cobb-Douglas-FF

$\rightarrow VV$

$$x = \frac{\alpha}{\tau} \cdot v_A^\beta \cdot v_K^{\gamma}$$

$\downarrow \quad \uparrow \quad \downarrow$   
T court

