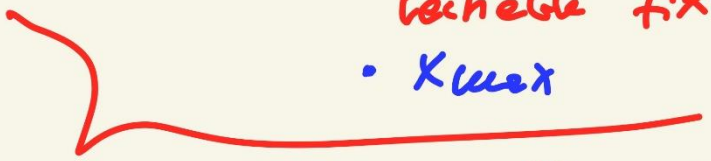
# Angebot

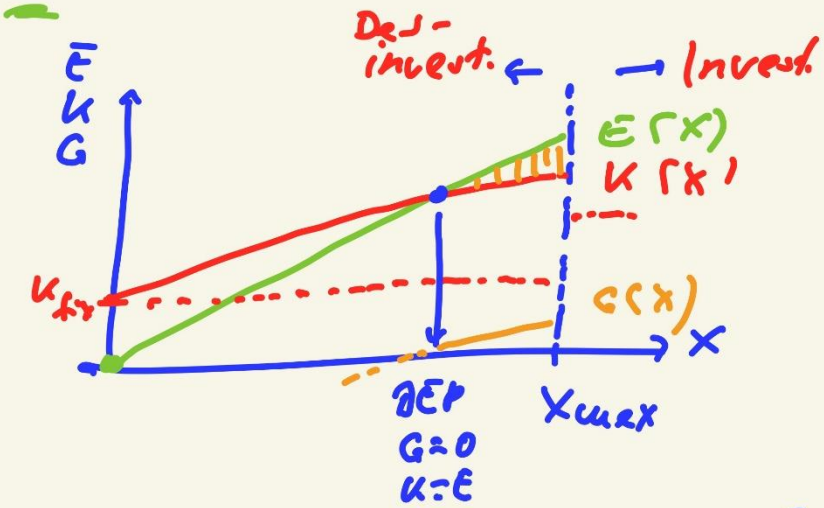
Ziel: $G_{max}$

Restriktionen: • $P_i$; Prod.-Fkt; Alternativen
• Kosten — variable | fixe ---- sprungfix
• $x_{max}$

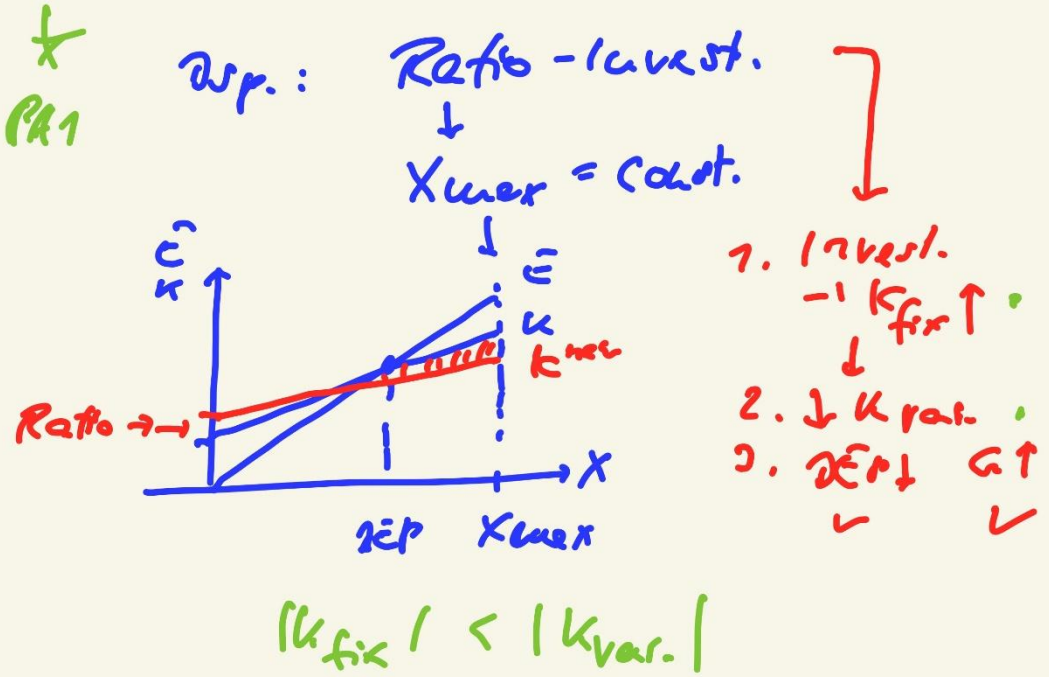


Best. $x_A$ so → opt. $P_i$ und $K_i$
→ $G_{max}$

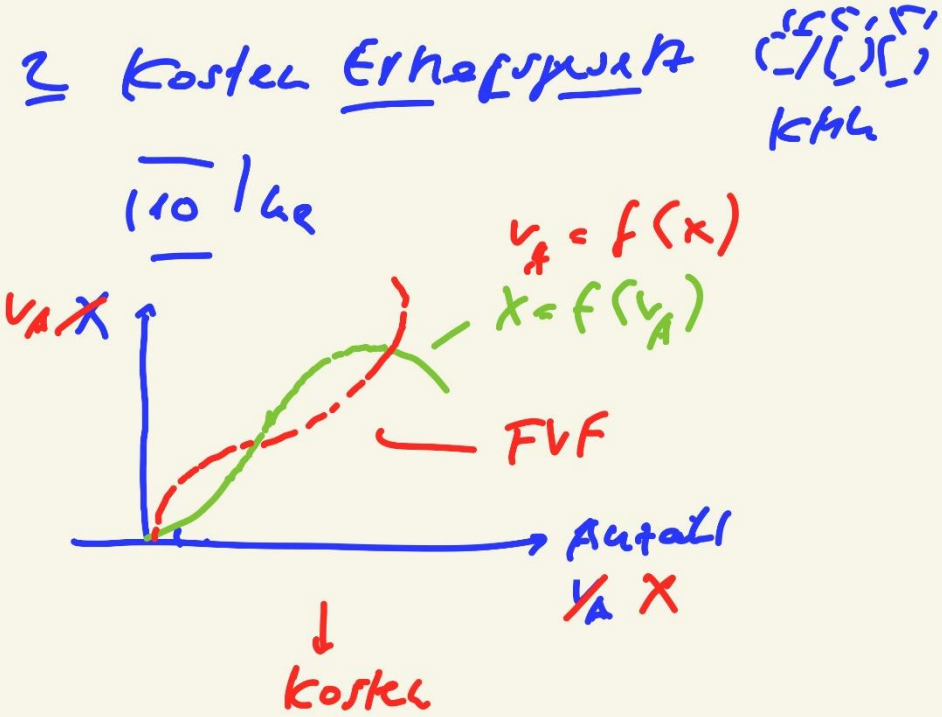
## 1. lineare Prod.-funktion

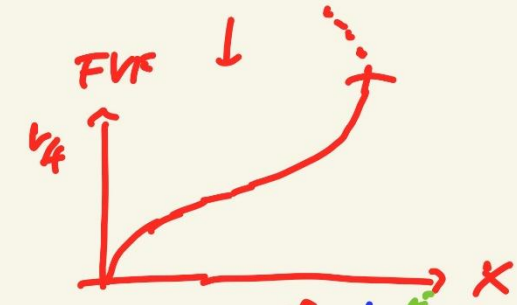


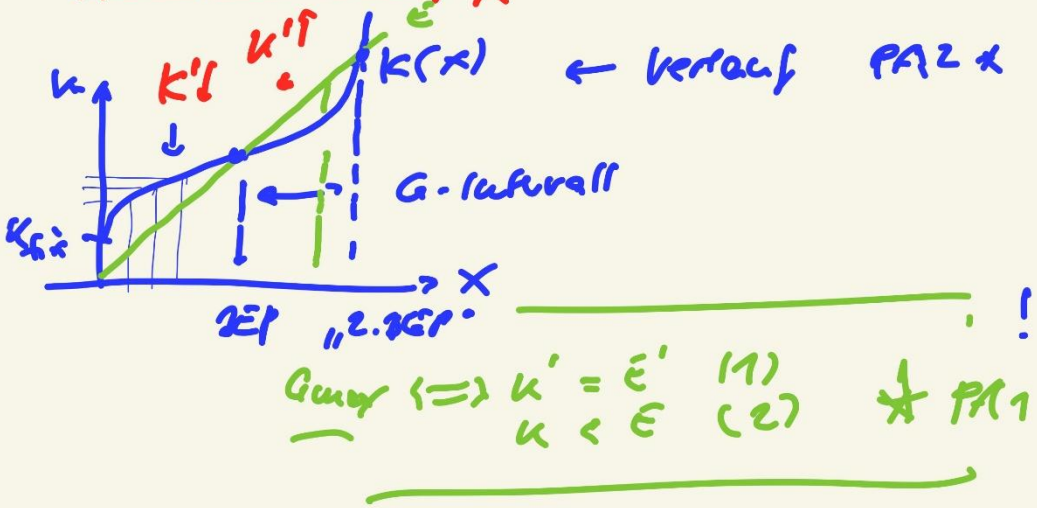

Gewinn bei $x_{max}$ aber: - $E_{x_{max}}$
- Störsicherheit


Bsp.: Ratio-Invest.
$X_{max}$ = const.
$\bar{E}_K$
$\bar{E}_K$
Ratio
X
$x_{EP}$
$X_{max}$
1. Invest.
$-\uparrow K_{fix}$
$\downarrow$
2. $\downarrow K_{var.}$
3. $x_{EP}\downarrow$ G$\uparrow$

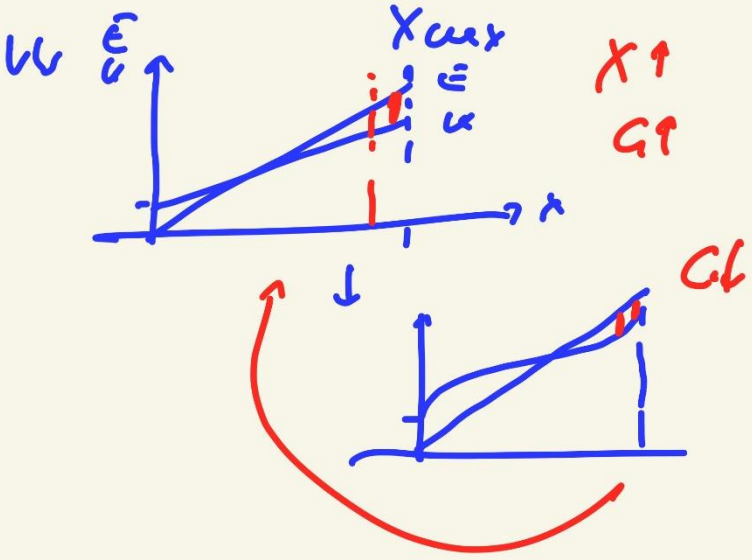
$|K_{fix}| < |K_{var.}|$

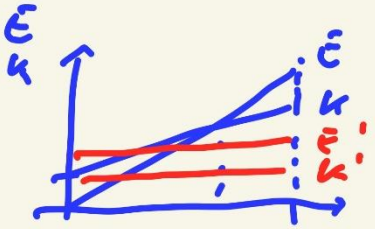

2 Kosten Ertragswert
10 ME
$v_A = f(x)$
$x = f(v_A)$
$v_A$
FVF
Anzahl
$v_A$ X
Kosten




1. KU 100 000 K < E
2. KU + 10 000 K' < E'
+ 10 000 K' ~ E' ←






$E' = K'$

↳ nächste LV:

1. Cobb-Douglas-PF

$$X = \alpha \cdot v_A^{\beta} \cdot v_K^{1-\beta}$$