A - Analyse $\qquad X_A$?

Ziel: · G_{max}

Restriktionen:

- P_{Gut} + $P_{verb. Güter}$
- Y + Vermögen
- K

  variabel fix sprungfix

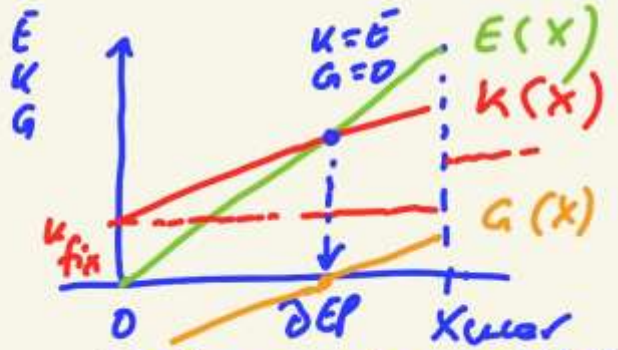
↳ Prod.plan: X_A so bestimmen bei geg. P_i; K → G_{max}

$K(x)$
- linear (✓)
- Ertragsgesetz
- Cobb-Douglas-PF

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

  (↗ Mathe)

① Linear Kosten



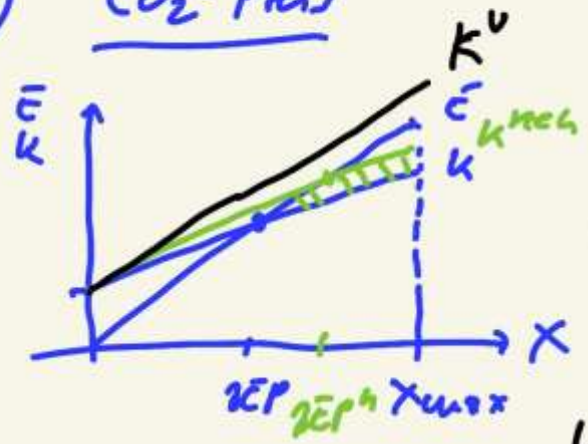
Desinvest. ← → Investitionen

Gmax bei Xmax Kap.-auslast. 80-85%

a) E_{Kfix}

b) Reserven

a) CO_2-Preis



CO_2 ↑

↓

ΔKvar.

DEP ↑ G ↓

(-) (V)

Lenkung

Vielstrecken

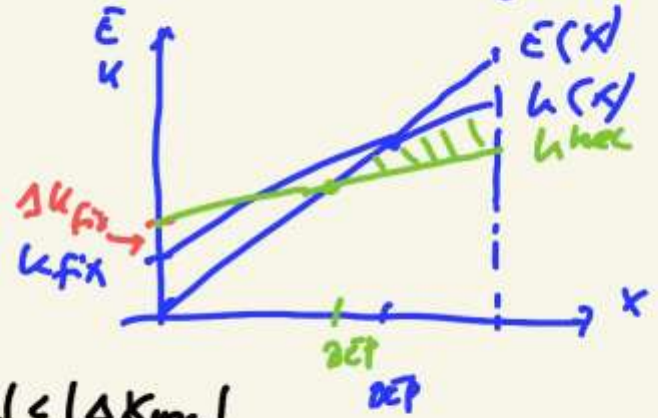
→ CO_2 ↑

→ Anreize?

b) Ratio-Investitionen

↓

x_{max} = const



Invest

K_{fix} ↑

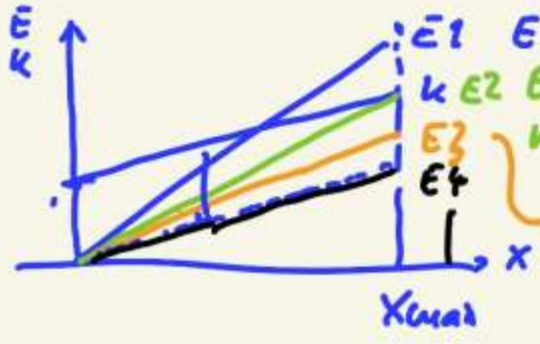
↓

K_{var} ↓↓↓

BEP ↓ G ↑

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

c) DB p↓

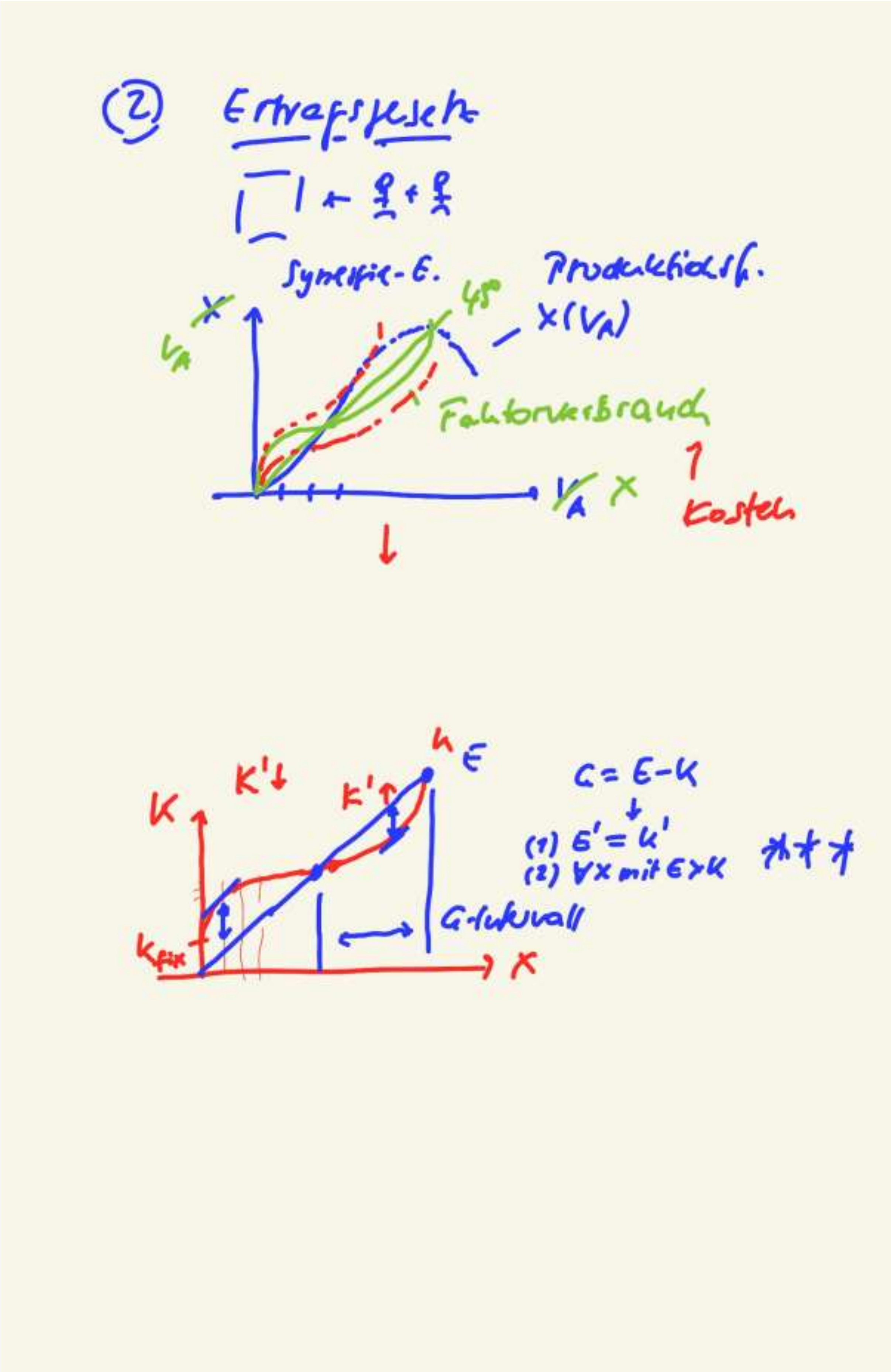


E1: E > K DB > 100%

E2: E = K DB = 100%

E3: Kapazitätsgrenze optimum → K > E, E > $K_{var.}$, 0% < DB < 100%

E4: ↓ E = K_{var} DB = 0%


② Ertragsgesetz
Synergie-E.
Produktionsf.
45°
x(V_A)
Faktorverbrauch
Kosten
K'↓
K'↑
E
G = E − K
(1) E' = K'
(2) ∀x mit E>K
K_fix
x