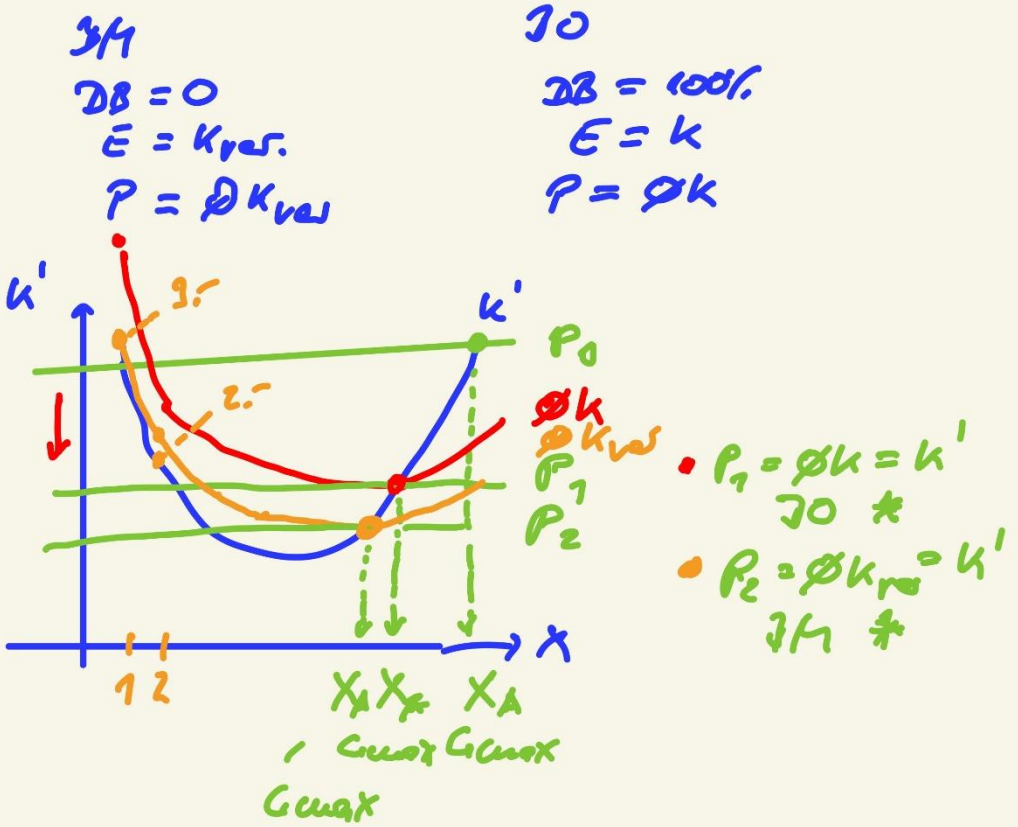
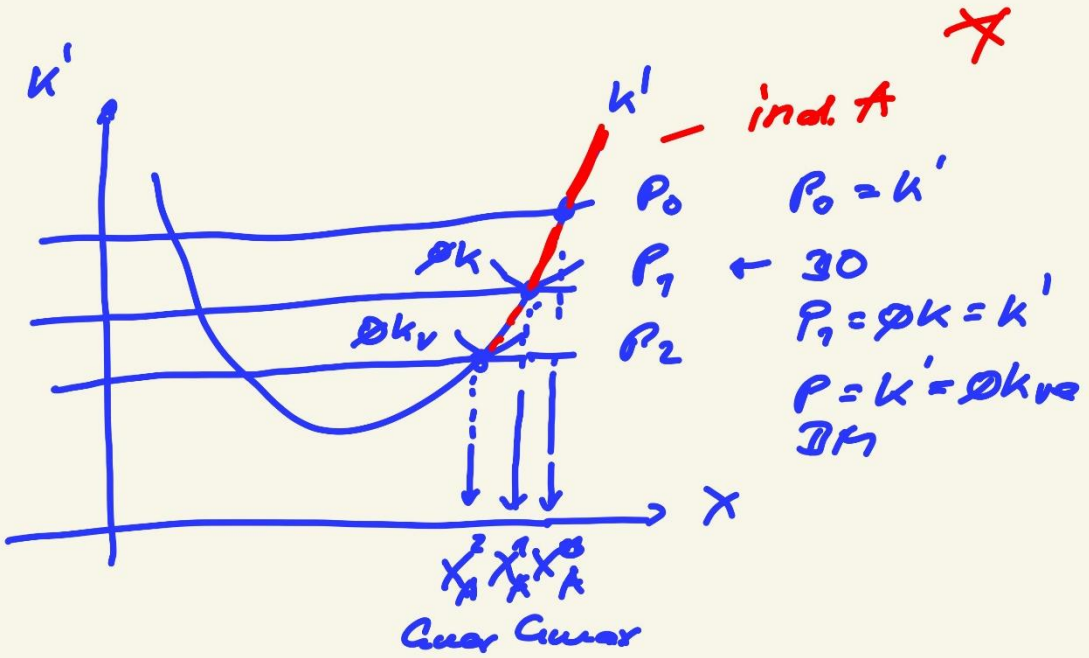
linear | EKG

Kalkül — Entscheidungsregel — E' = K'

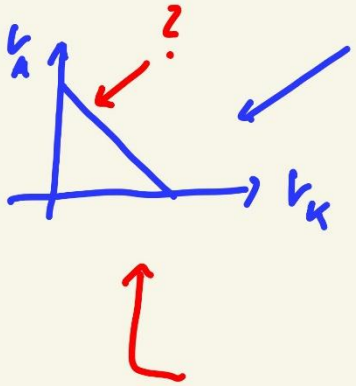
Cobb-Douglas

auch EP

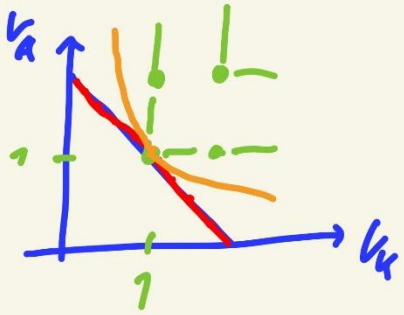




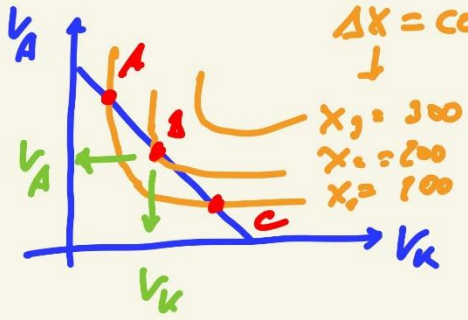
2 variable PF: v_A und v_K



Isokostenpunkte
$k = \text{const}$
$k = v_A \cdot q_A + v_K \cdot q_K$
? Suche $[v_A; v_K]$ mit x_{max}
Isoquanten
a) substitutionale PF
b) limitationale PF



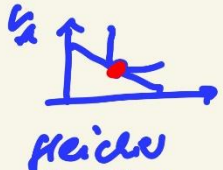
a) substitutive PF
Isoquante
b) limitationale PF
↓
c) realist. Isoquante



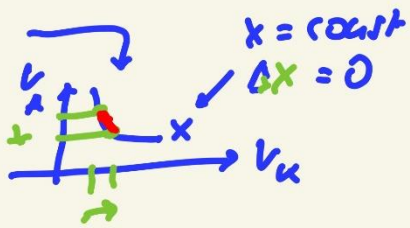
$\Delta x = const$

$k(A) = k(B) = k(C)$
$x(A) < x(B) > x(C)$
Optimum

$[v_A; v_K]$ best. x mit k min
MKK



fixiert Ausstieg



$k = v_A \cdot q_A + v_K \cdot q_K$

$v_A - y = m \underline{x} + h$
v_K

$v_A = f(v_K)$

$k - v_K \cdot q_K = v_A \cdot q_A$

$\frac{k}{q_A} - \frac{q_K}{q_A} \cdot v_K = v_A$

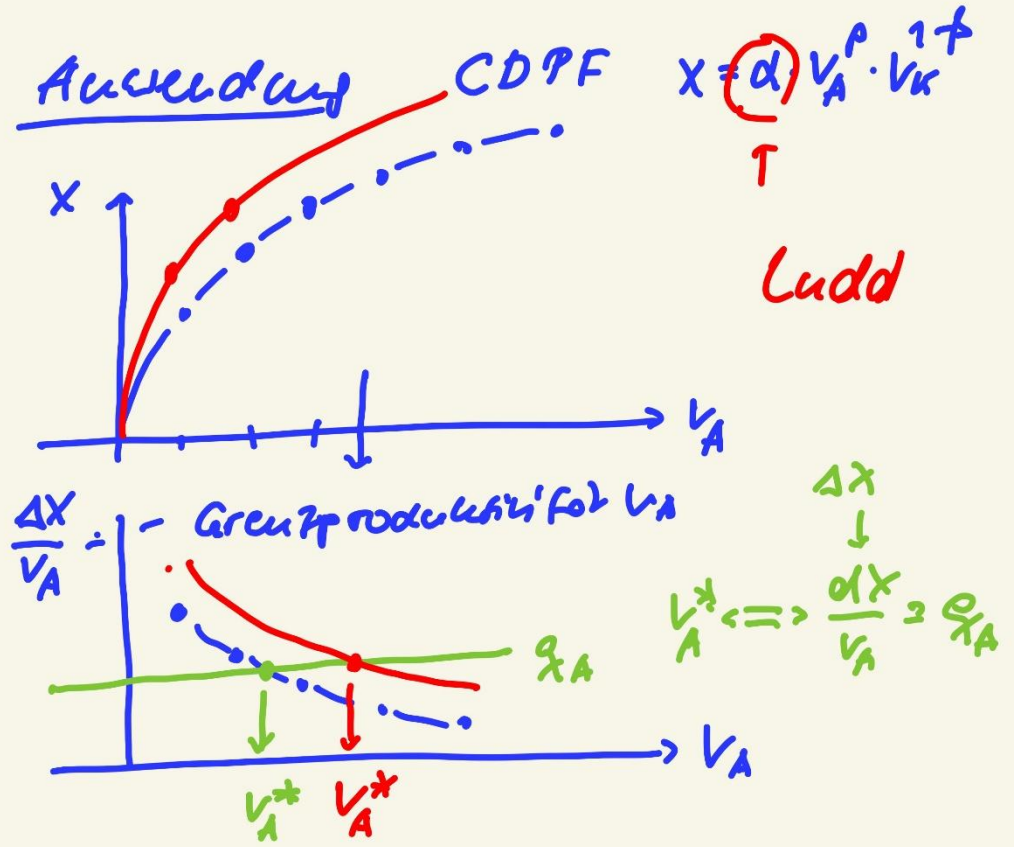
$-\frac{q_K}{q_A} = -\frac{GP_K}{GP_A}$ | MRK

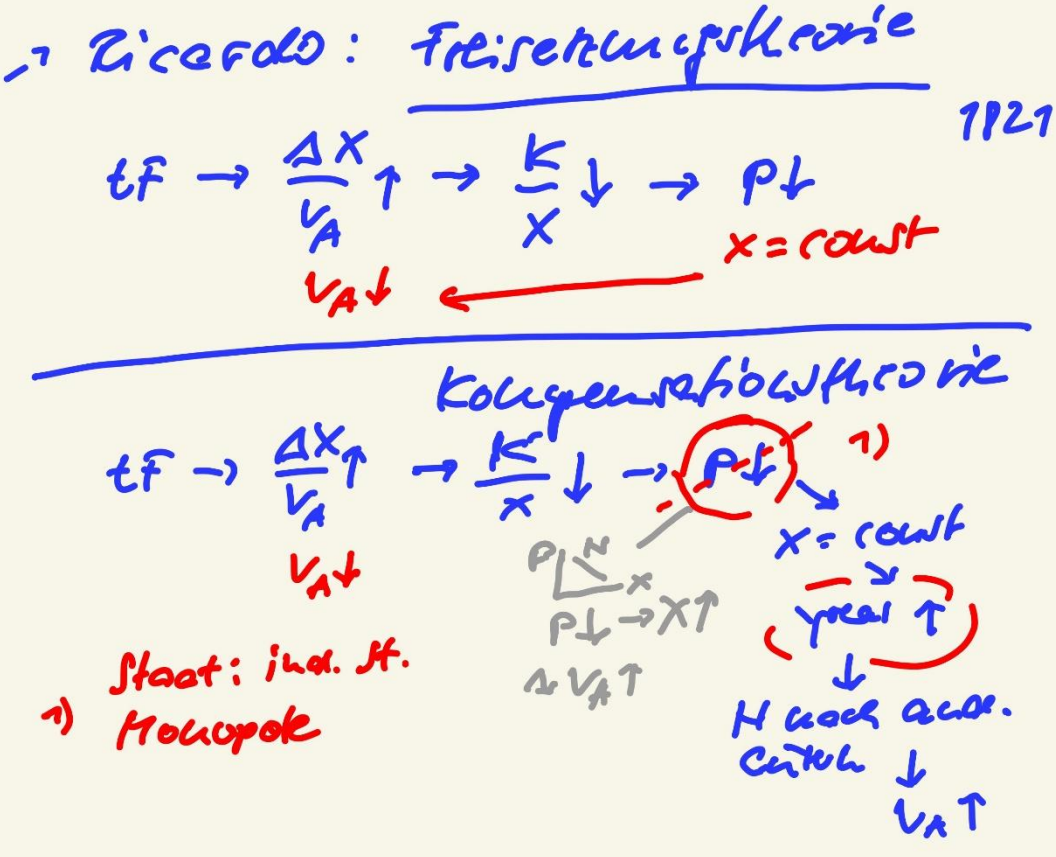
$\Delta v_A \cdot GP_A + \Delta v_K \cdot GP_K = 0$

Rückgang Grenzprod. Arb. + Mehreinsatz Grenzprod. Kap $= 0$

$\Delta v_A \cdot GP_A = -\Delta k \cdot GP_K$

$\Delta v_A = -\frac{GP_K}{GP_A} \cdot \Delta v_K$


Auswertung
CDPF
$X = \alpha \cdot V_A^{\beta} \cdot V_K^{1-\beta}$
Ludd
X
V_A
$\frac{\Delta X}{V_A}$ - Grenzproduktivität von V_A
q_{X_A}
V_A^{*}
V_A^{**}
$\Delta X \downarrow$
$V_A^{*} \Leftrightarrow \frac{\partial X}{V_A} = q_{X_A}$


Ricardo: Freisetzungstheorie
1921
tF → $\frac{\Delta X}{V_A}$ ↑ → $\frac{K}{X}$ ↓ → p↓
x = const
V_A ↓
Kompensationstheorie
tF → $\frac{\Delta X}{V_A}$ ↑ → $\frac{K}{X}$ ↓ → p↓
1)
V_A ↓
p ↓ → x ↑
ΔV_A ↑
x = const
Preis ↑
H nach außen
V_A ↑
Staat: ind. H.
1) Monopole