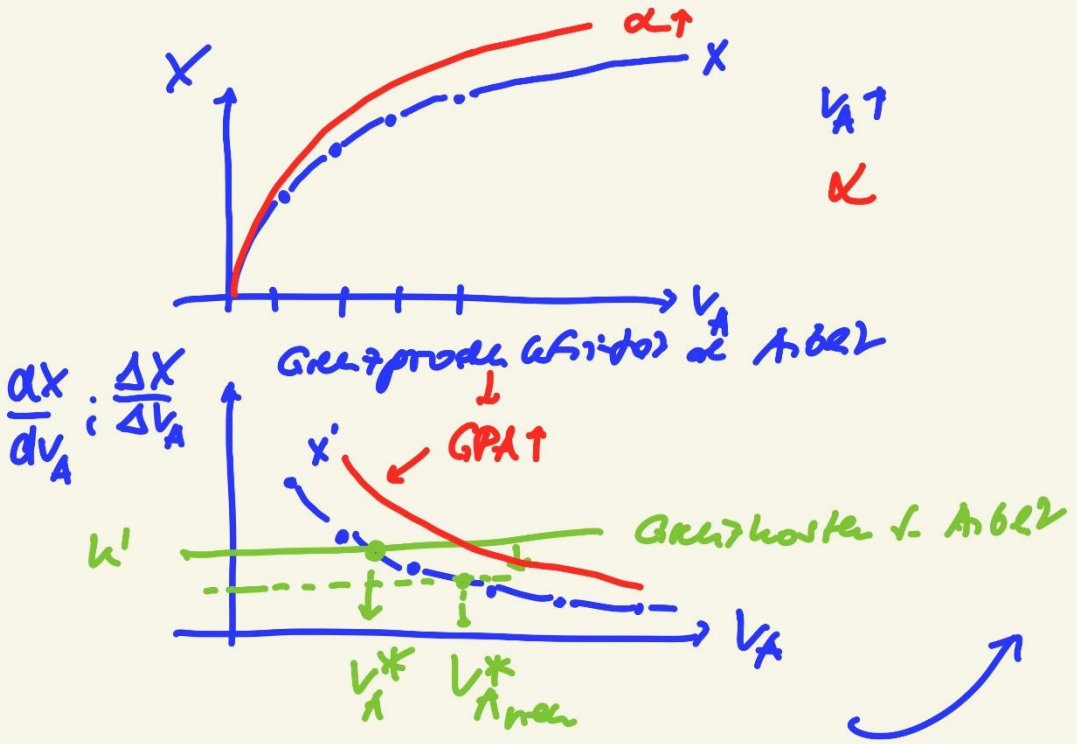
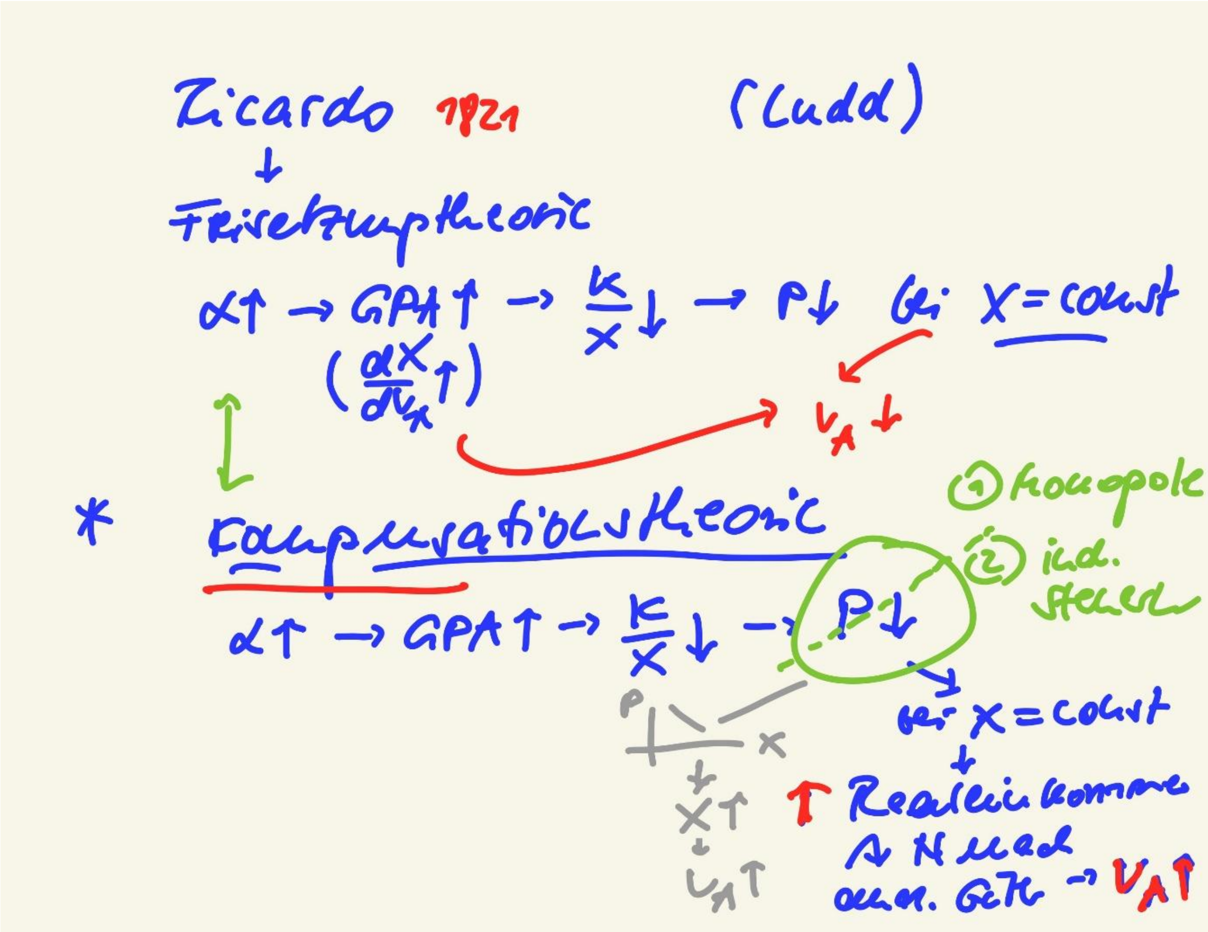
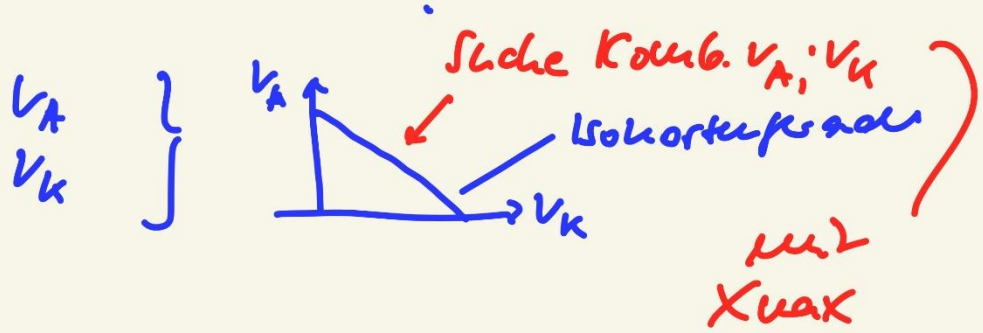
A-Analyse — Lineare K. / Ertragsgesetz / variable PF V_A; V_K

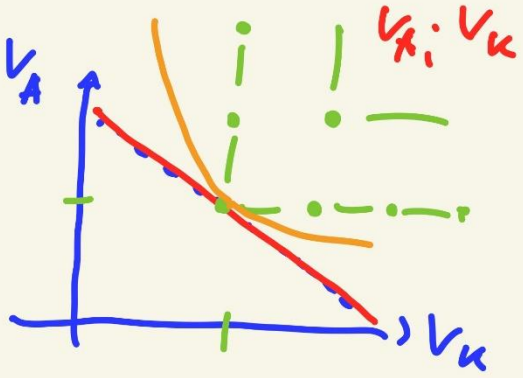
Variable Produktionsfaktoren

$X = \alpha \cdot V_A^{\beta} \cdot V_K^{1-\beta}$ $\qquad V_K = \text{const}$

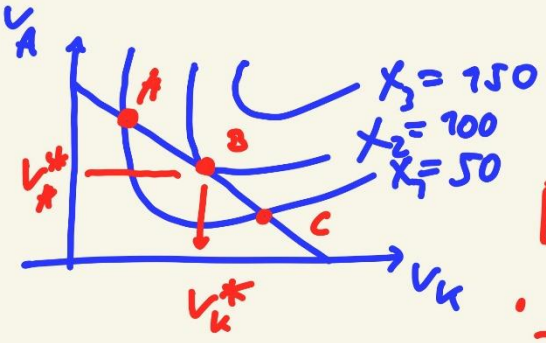



Ricardo 1821
(Ludd)
Freisetzungstheorie
bei x = const
Kompensationstheorie
① Monopole
② ind. Steuern
bei x = const
Realeinkommen





substitutiv
limitational
+
Isoquante
$X = const$
real. st. Isoquante
$\Delta X = const.$

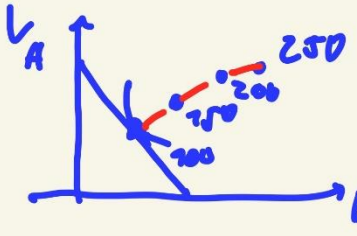


$[v_{K_1}^* : v_K^*]$ mit

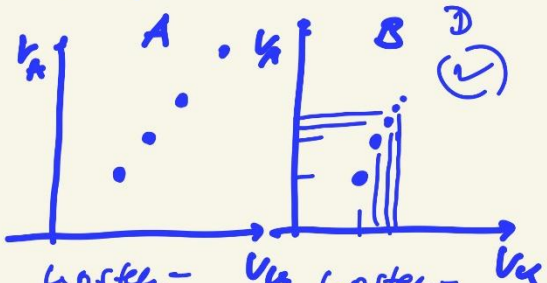
- X_{max} bei gg. K
- K_{min} bei gg. X

Minimalkosten-kombination (MKK) *

Expansionspfade *

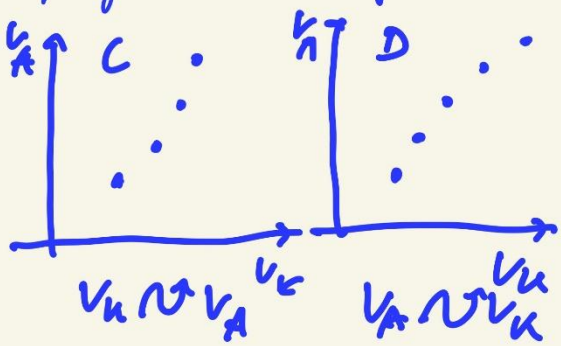


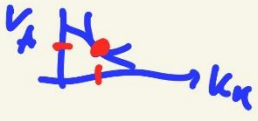
λ* zw. $r_{kk} = const$



kosten-progressiv

kosten-degressiv





Ausfüge K

$K = V_A \cdot q_A + V_K \cdot q_K$

$y = ax + b$

$V_A = f(V_K)$

$K - V_K \cdot q_K = V_A \cdot q_A$

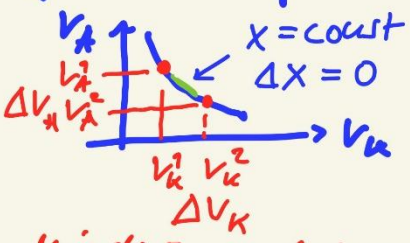
$\frac{K}{q_A} - \frac{q_K}{q_A} \cdot V_K = V_A$

$\downarrow$

MRK $\rightarrow$ $GP_A = \frac{\Delta x}{\Delta V_A}$

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

Ausfüge X



Mehrprod. der Mehreinsatzmenge V_A + Mehrproduktion durch Mehreinsatz von Kapital $= 0$

$\Delta V_A \cdot GP_A + \Delta V_K \cdot GP_K = 0$

$\Delta V_A = f(\Delta V_K)$

$\Delta V_A \cdot GP_A = -\Delta V_K \cdot GP_K$

$\Delta V_A = -\frac{GP_K}{GP_A} \cdot \Delta V_K$

Grenzrate der Faktorsubstitution

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

② $\frac{GP_A}{\uparrow q_A} = \frac{GP_K}{q_K}$ prod.-orientierte Lohnpolitik

② $\uparrow \frac{GP_A}{\uparrow q_A} \neq \frac{GP_K \downarrow}{q_K \downarrow}$ $q_A \rightarrow GP_A \uparrow$ durch invest. $\rightarrow GP_K \downarrow$

Zsf. π-Analyse

- opt. Prod.-plan → x_A?
- 

→ linear Kosten → G_{max} bei x_{max} aber Kap.-Ausl. < 100 %

- Alternativ: Öko-Steuer, Ratio-Invest, DB

→ K-Analyse: Prod.-Fkt., FVF, Marktform etc.

→ Einsatzfaktor:  * PA2

→ G_{max} ⟺ $k' = E' \forall x$ mit $E \geq K$ **

– ind. A Grenze: oberes x_{max} unter BO DF *

→ 2 variable PF → Fkt. * → EP *
↳ $-q_K/q_A = -GP_K/GP_A$ * PA2