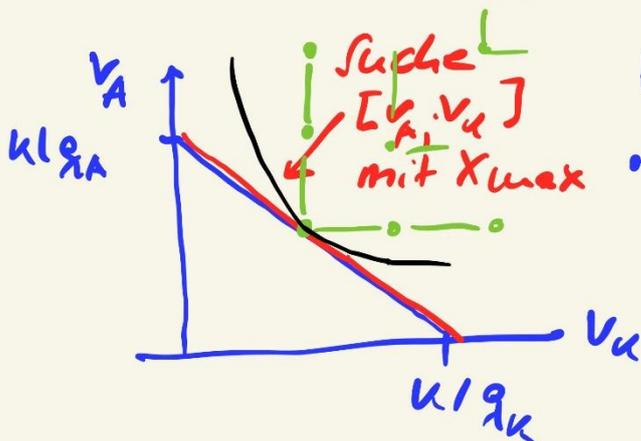


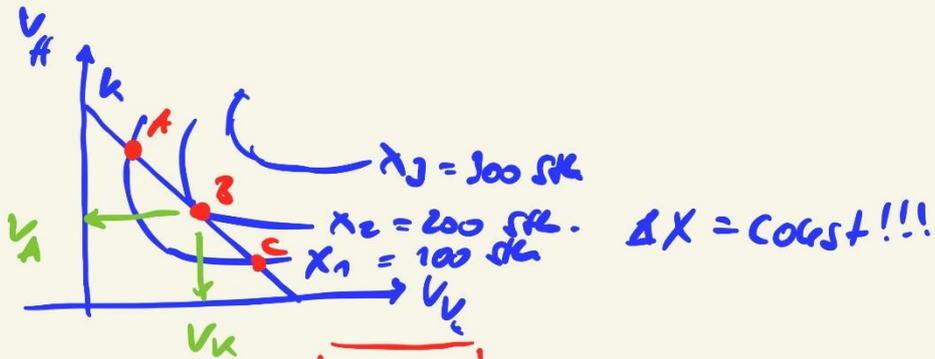
Cobb-Douglas - PF
 ↳ 2 variable Prod.-faktoren

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

$$(Y = \alpha \cdot L^\beta \cdot K^{1-\beta}) \text{ mikro}$$



$$K = v_A \cdot q_A + v_K \cdot q_K$$
 • Isokostengerade
 a) vollst. substituierbare PF
 Isoquante
 b) vollst. limitationale PF
 Isoquante

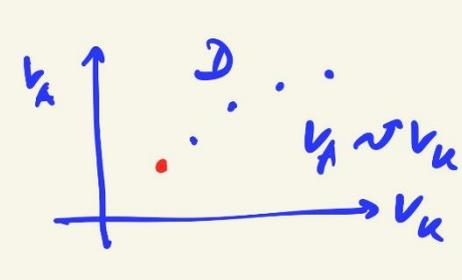
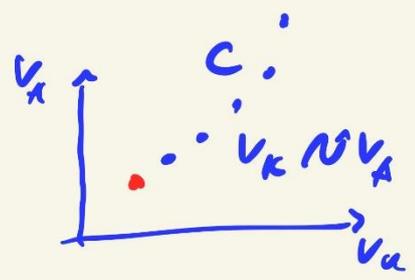
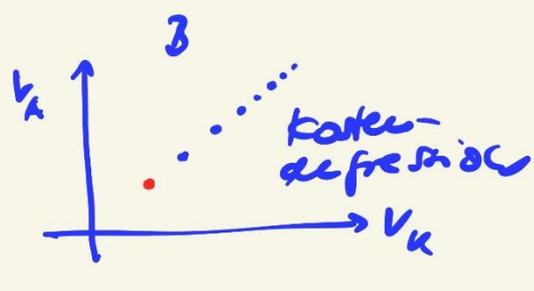
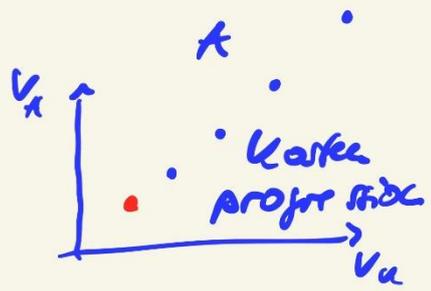
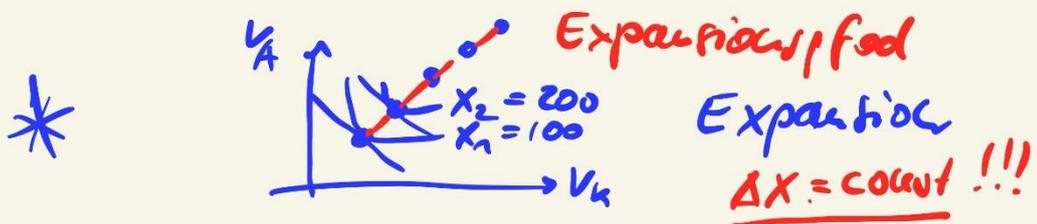


$$X(A) < X(B) > X(C)$$

$$k(A) = k(B) = k(C)$$

Minimalenkostenkombination (MKK) *

$[v_A; v_K]$ mit X mit k mit v



$K = v_A \cdot q_A + v_K \cdot q_K$
 $y = a \cdot x + b$
 $v_A = f(v_K)$
 $v_A \cdot q_A = K - v_K \cdot q_K$
 $v_A = \frac{K}{q_A} - \frac{q_K}{q_A} \cdot v_K$

$\Delta v_A \cdot GP_A + \Delta v_K \cdot GP_K = 0$
 $\Delta v_A = f(\Delta v_K)$
 $\Delta v_A \cdot GP_A = - \Delta v_K \cdot GP_K$
 $\Delta v_A = - \frac{GP_K}{GP_A} \cdot \Delta v_K$

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

MKK
 Gleichheit der Faktor-Substitution $\hat{=}$ Austauschverhältnis von Ab. und Kapital bei $X = \text{const}$