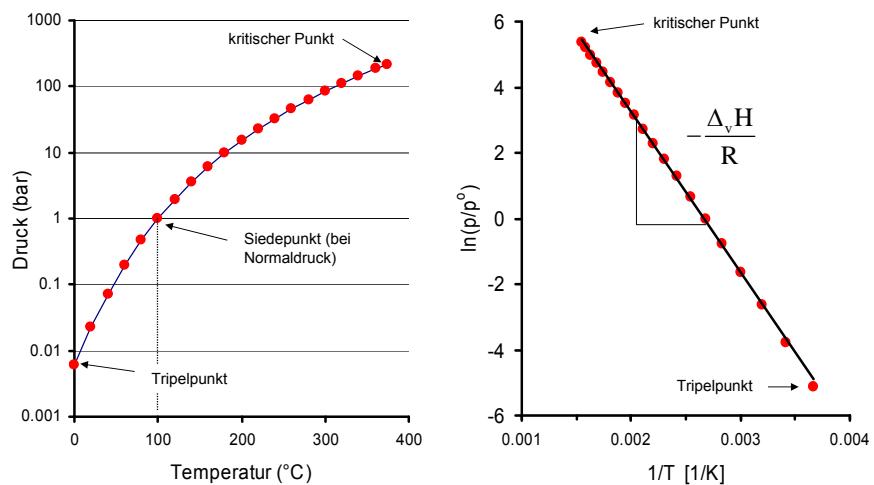
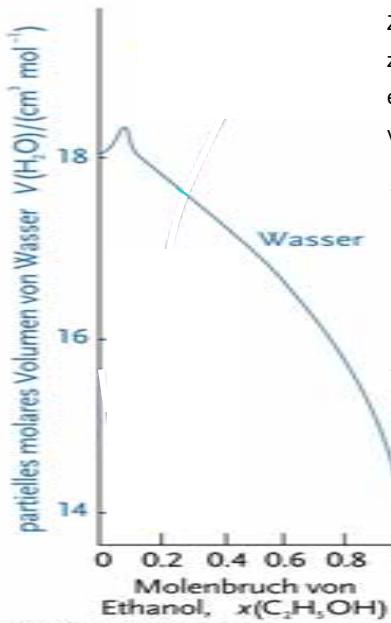
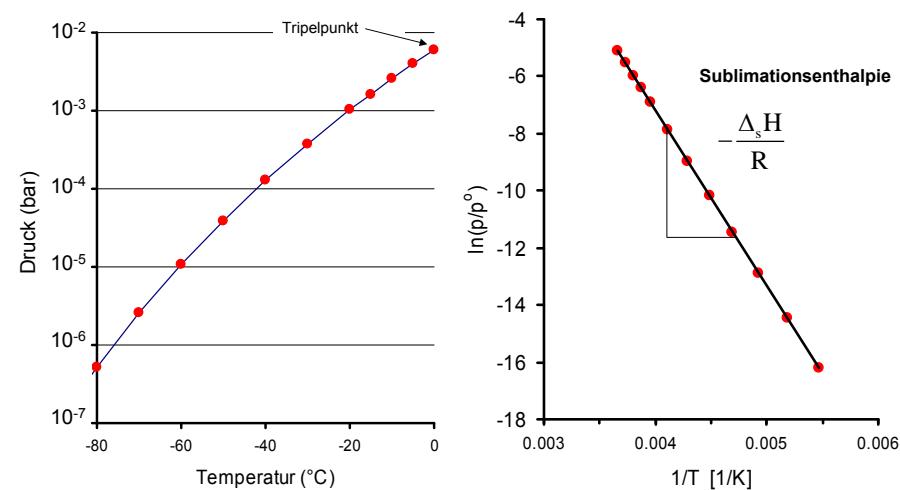


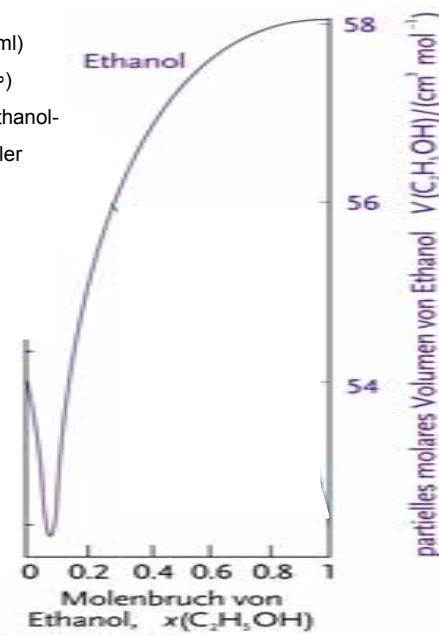
Dampfdruckkurve von Wasser



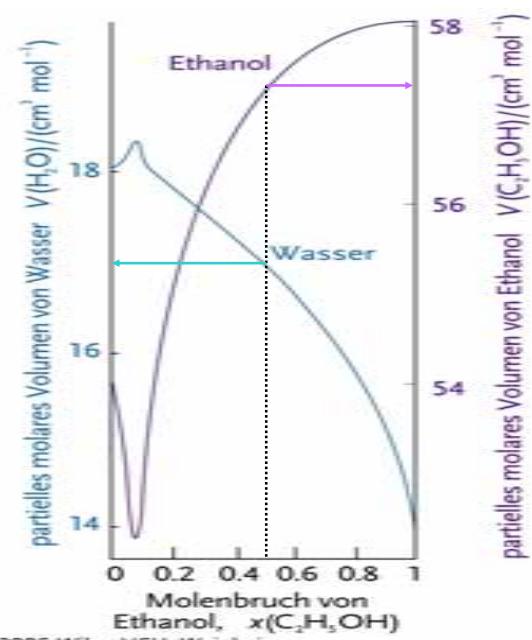
Dampfdruckkurve von Eis



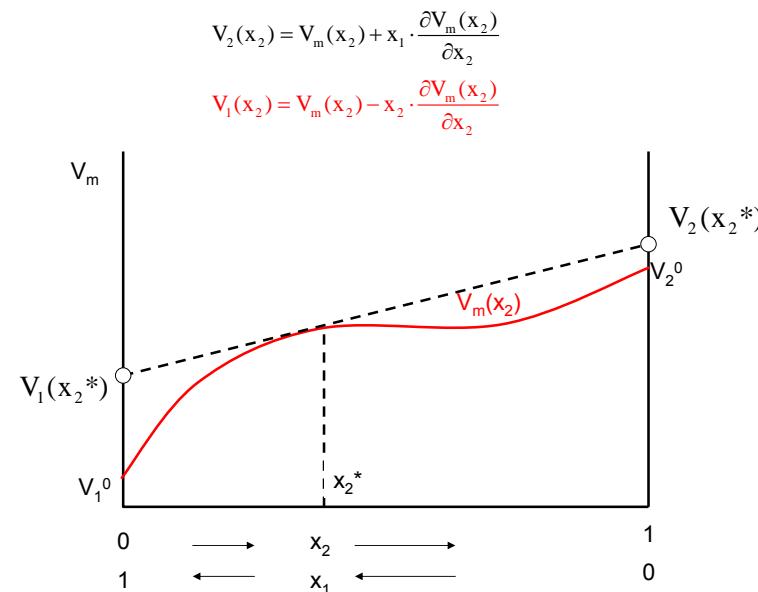
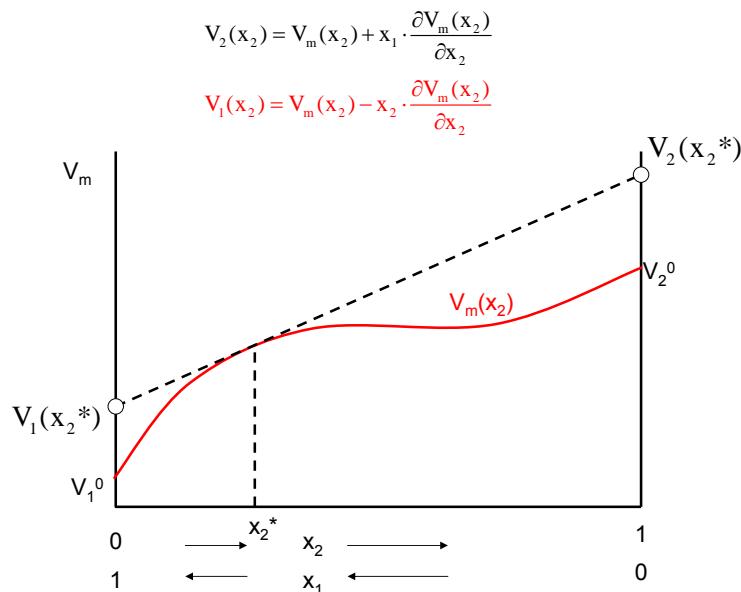
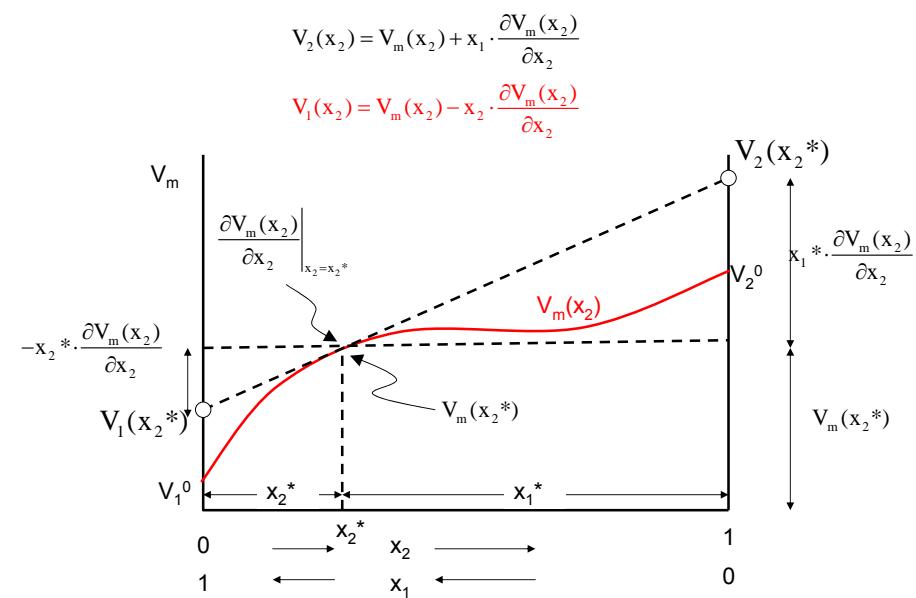
Zugabe von ein Mol (18 ml) Wasser zu einem sehr ( $\infty$ ) großen Volumen einer Ethanol-Wasser-Mischung variabler Zusammensetzung



Zugabe von ein Mol (58 ml) Ethanol zu einem sehr ( $\infty$ ) großen Volumen einer Ethanol-Wasser-Mischung variabler Zusammensetzung

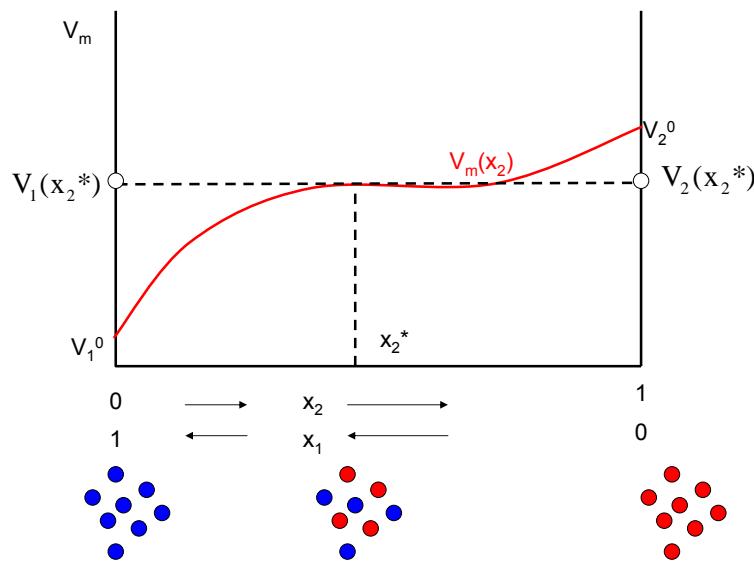


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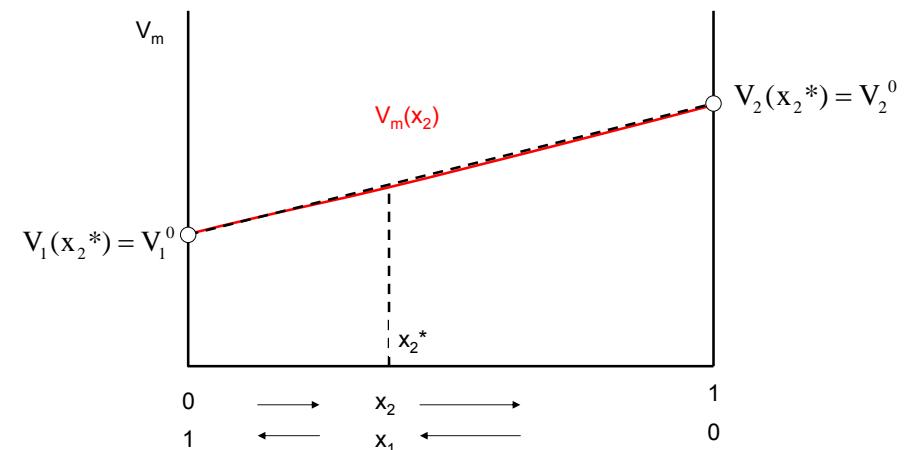
$$V_2(x_2) = V_m(x_2) + x_1 \cdot \frac{\partial V_m(x_2)}{\partial x_2}$$

$$V_1(x_2) = V_m(x_2) - x_2 \cdot \frac{\partial V_m(x_2)}{\partial x_2}$$

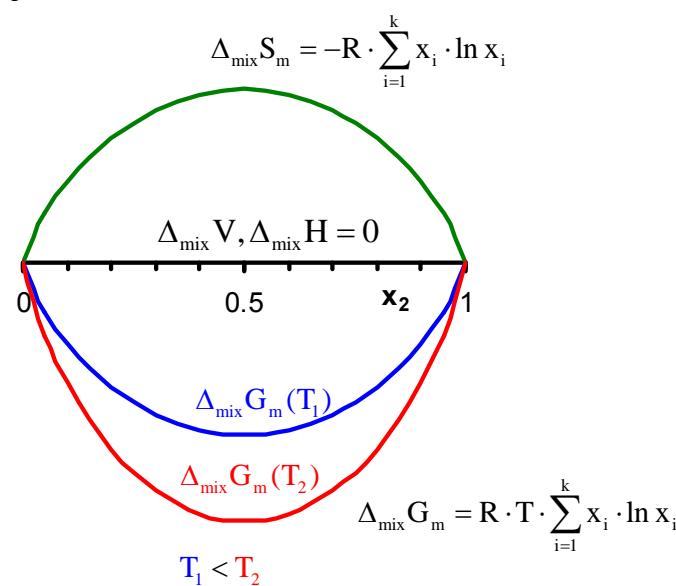


Ideale Mischung:

(Bsp.: Hexan/Heptan, Benzol/Toluol, H<sub>2</sub>O/D<sub>2</sub>O)



Ideale Mischung



Reale Mischung:

