$∆\_{r}G=∆\_{r}G^{o}+ RTlnQ Q=\prod\_{j}^{}a\_{j}^{ν\_{j}}$

$∆\_{r}G^{o}=-RTln K; K=\left\{\prod\_{j}^{}a\_{j}^{ν\_{j}}\right\}\_{ROV} μ\_{j}=μ\_{j}^{o}+RT ln a\_{j}$

$\begin{array}{c} ∆\_{r}G^{o}=∆\_{r}H^{o}-T∆\_{r}S^{o}\\ \end{array}\_{ } $ $ a\_{j}=γ\_{j}×\frac{m\_{j}}{m^{o}} $

$$ Rovnováha: ∆\_{r}G=0 kde γ\_{j}\rightarrow 1 když m\_{j}\rightarrow 0$$



$ znaménko ∆\_{r}G=μ\_{B}-μ\_{A} $

G

$$ \& spontánnost reakce A\rightarrow B$$

$ dG=Vdp-SdT+μ\_{1}dn\_{1}+μ\_{2}dn\_{2}+…$

ξ