







$$\frac{P_{s}(T)}{S} \triangleq k_{eq} = k_{s} \left(\frac{\partial (G_{2}/T)}{\partial T} - \frac{\mu_{s}}{T^{2}}\right)$$

$$\frac{\partial (G_{1}/T)}{\partial T} = \frac{\mu_{s}}{T^{2}}$$

$$\frac{\partial(G/T)}{\partial T} = -\frac{H}{T^2} \Rightarrow \frac{\partial(AG/T)}{\partial T} = \frac{AH}{T^2}$$

$$\Delta G^{\circ} = -RT \ln Q|_{eg} = -RT \ln k_{eg}$$

$$-R \frac{\partial \ln k_{eg}}{\partial T} = \frac{\partial}{\partial T} \left(\frac{GG}{T} \right)$$

$$\Delta H$$







