Chimie Question 20

Relations de Helmholtz

 $1^{\rm \`ere}$ relation de Helmholtz :

$$\frac{\mathrm{d}\Delta_r G^{\circ}}{\mathrm{d}T} = -\Delta_r S^{\circ}$$

 $2^{\rm\grave{e}me}$ relation de Helmholtz :

$$\frac{\mathrm{d}}{\mathrm{d}T}\left(\frac{\Delta_r G^\circ}{T}\right) = -\frac{\Delta_r H^\circ}{T^2}$$