Entropie-Polarisation : Larmor-Frequenzdifferenzen für mögliche Singulett-Radikalpaare

(1) $m_1=m_2=+1/2$ ($\sum m=1$) : $\boldsymbol{\delta_1} = \frac{\mu_B}{h}\left(\frac{1}{2}a - \frac{1}{2}a\right) = \boldsymbol{0}$

(2) $m_1=-1/2$, $m_2=+1/2$ ($\sum m=0$) : $\boldsymbol{\delta_2} = \frac{\mu_B}{h}\left(-\frac{1}{2}a - \frac{1}{2}a\right) = -\frac{\boldsymbol{\mu_B}}{\boldsymbol{h}}\boldsymbol{a}$

(3) $m_1=+1/2$, $m_2=-1/2$ ($\sum m=0$) : $\boldsymbol{\delta_3} = \frac{\mu_B}{h}\left(\frac{1}{2}a + \frac{1}{2}a\right) = \frac{\boldsymbol{\mu_B}}{\boldsymbol{h}}\boldsymbol{a}$

(4) $m_1=m_2=-1/2$ ($\sum m=-1$) : $\boldsymbol{\delta_4} = \frac{\mu_B}{h}\left(-\frac{1}{2}a + \frac{1}{2}a\right) = \boldsymbol{0}$