(1)

According to Prof. Baxtor's estimator, the uneertainty in the NT malting temperature Trywo (DSE) is ±0,3°C & Decause this was performed in triplicate. The Try, mut stiplicate have a higher uncertainty of ±1,0°C because they were only performed once.

In on Methods section, we derive:

Here, T, DH folk, and DCp are known constands with no uncertainty. The even propagation to DD Effeld thus depends on uncertainties STM, mit and STM, wit:

$$S^{2} \Delta \Delta G_{\text{CM}} = \left(\frac{\partial \Delta \Delta G}{\partial T_{\text{m,mT}}}\right)^{2} S^{2} T_{\text{m,mT}} + \left(\frac{\partial \Delta \Delta G}{\partial T_{\text{m,mT}}}\right)^{2} S^{2} T_{\text{m,mT}}$$

$$T_{\text{m,mT}} = \left(\frac{\partial \Delta \Delta G}{\partial T_{\text{m,mT}}}\right)^{2} S^{2} T_{\text{m,mT}} + \left(\frac{\partial \Delta \Delta G}{\partial T_{\text{m,mT}}}\right)^{2} S^{2} T_{\text{m,mT}}$$

$$T_{\text{m,mT}} = \left(\frac{\partial \Delta \Delta G}{\partial T_{\text{m,mT}}}\right)^{2} S^{2} T_{\text{m,mT}} + \Delta C_{p} S^{2} T_{\text{m,mT}}$$

(2)

the 2nd term is:

Simplifying ..

The state of the s

uncertainty in OSE ful is

$$\int_{S^{2}} S^{2} \int_{W^{-}} T \int_{S^{2}} S^{2} \int_{W^{-}} W^{-} \int_{S^{2}} S^{2} \int_{W^{-}} W^{-} dx$$