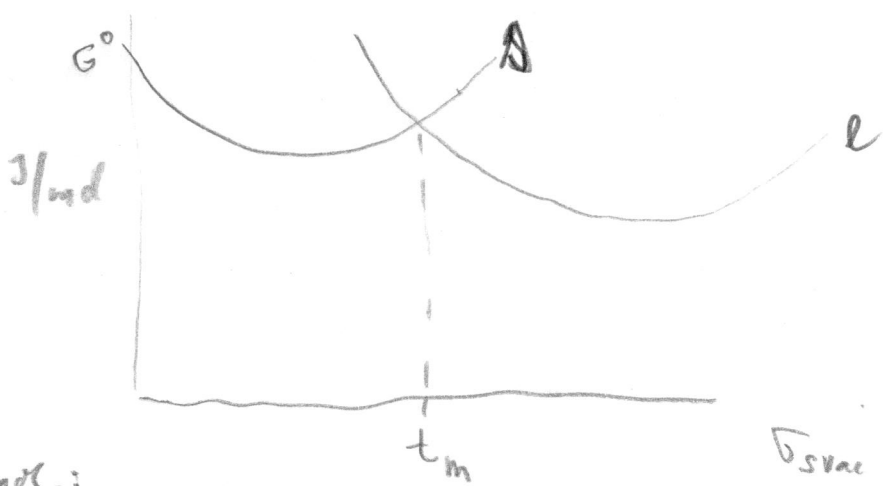


1. clouk



$$G_s = G(T)$$

$$G_e = G(T)$$

1 mol:

$$G_s^h = G_s + A \cdot \sigma_{sv}$$

$$= G_s + \frac{3V_m \sigma_{sv}}{r_s}$$

$$\sigma_{sv} = \sigma_{sg} = \sigma_{sall}$$

$$A = 4\pi r^2 \cdot h$$

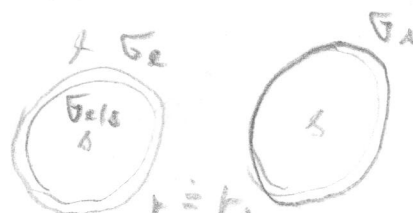
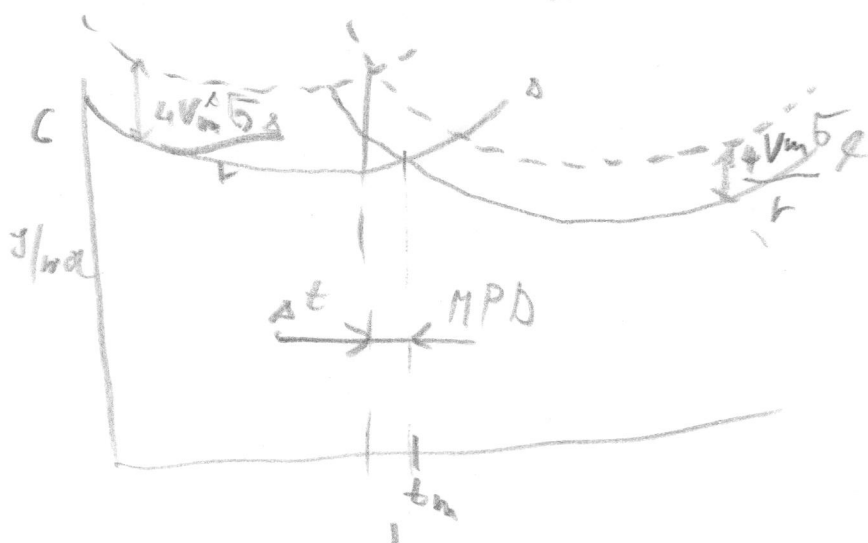
$$h = 4\pi r^2$$

$$V_s = \frac{4}{3}\pi r^3$$

$$m = \frac{V_m}{\frac{4}{3}\pi r^3}$$

$$G_e^h = G_e + \frac{3V_m \sigma_{sl}}{r_e} + \left(\frac{4V_m \sigma_{sl}}{r_e} \right) \frac{1}{\theta}$$

$$A = 4\pi r^2 \cdot \frac{3V_m}{4\pi r^3} = \frac{3V_m}{r}$$



$$\frac{3V_m \sigma_{sl}}{r} < \frac{3V_m \sigma_{sl}}{r}$$

$$\sigma_{sl} < \sigma_{sl}$$

$$\sigma_{sl} = \sigma_{sl}$$

úesení

$$G_s^h = G_e^h$$

$$\Delta G = 0 = (G_s - G_e) + \left(\frac{3V_m \sigma_{sl}}{r} - \frac{3V_m \sigma_{sl}}{r} \right) =$$

$$= G_s - G_e + \frac{3V_m}{r} \cdot (\sigma_{sl} - \sigma_{sl}) = G_s - G_e + \frac{3V_m}{r} (1 - c)$$

$$\sigma_{sl} = c \cdot \sigma_{sl}$$

METTLER TOLEDO

$$L = \frac{3V_m (1 - \frac{\sigma_{sl}}{\sigma_{sl}})}{-(G_s - G_e)}$$

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