$$G(2) = 1 - 2^{-0/2} = 0/9$$
 $E - 2^{-0/2} = 0$

$$-\frac{5}{2} \left(\frac{1}{5} + \frac{1}{5} + \frac{1$$

$$\frac{2-1}{2} \left(\frac{122}{(2-1)^2} - \frac{2}{(2-1)} + \frac{2}{2-e^{-i2}} \right)$$

$$= \frac{1}{2^{-1}} - \frac{1}{2} + \frac{1}{2^{-1}}$$

$$= \frac{1}{2^{-1}} - \frac{1}{2^{-1}} + \frac{1}{$$

$$= \frac{(1-0.5w)(0.65+0.04w)}{(0.65+0.04w)}$$

$$= \frac{(1-0.5w)(0.65+0.04w)}{(0.65+0.06w)}$$

$$= \frac{0.64+0.68w}{(1-0.5w)(1+0.06w)}$$

$$= \frac{0.64\cdot w(1+1.06w)}{(1+1.06w)}$$

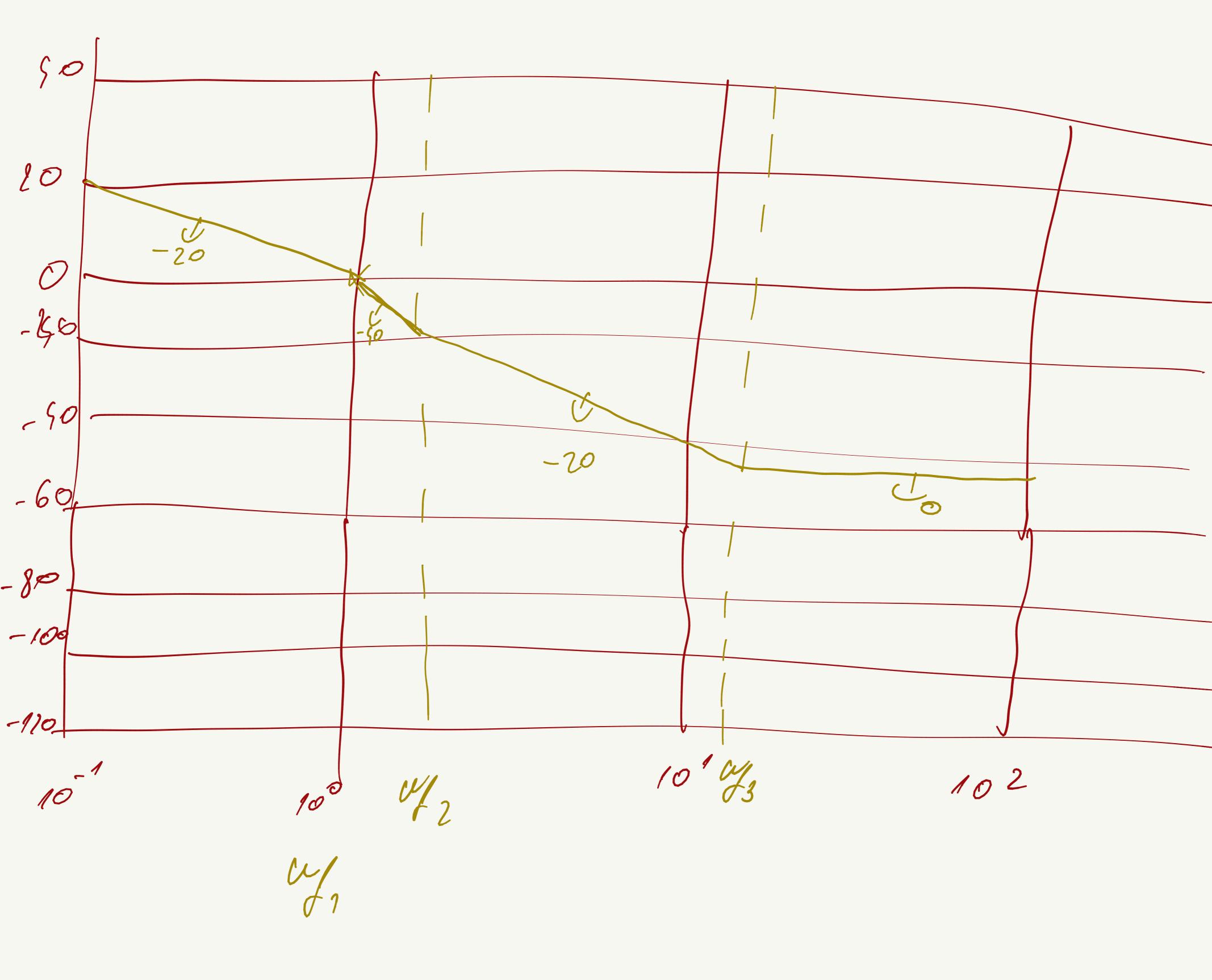
$$K = 1 = 0 \quad h = 0$$

$$G(jw) = \frac{(1 - 0.5jw)(1 + 0.06jw)(1 + 0.5jw)}{jw(1 + 1.06jw)(1 + 0.5jw)}$$

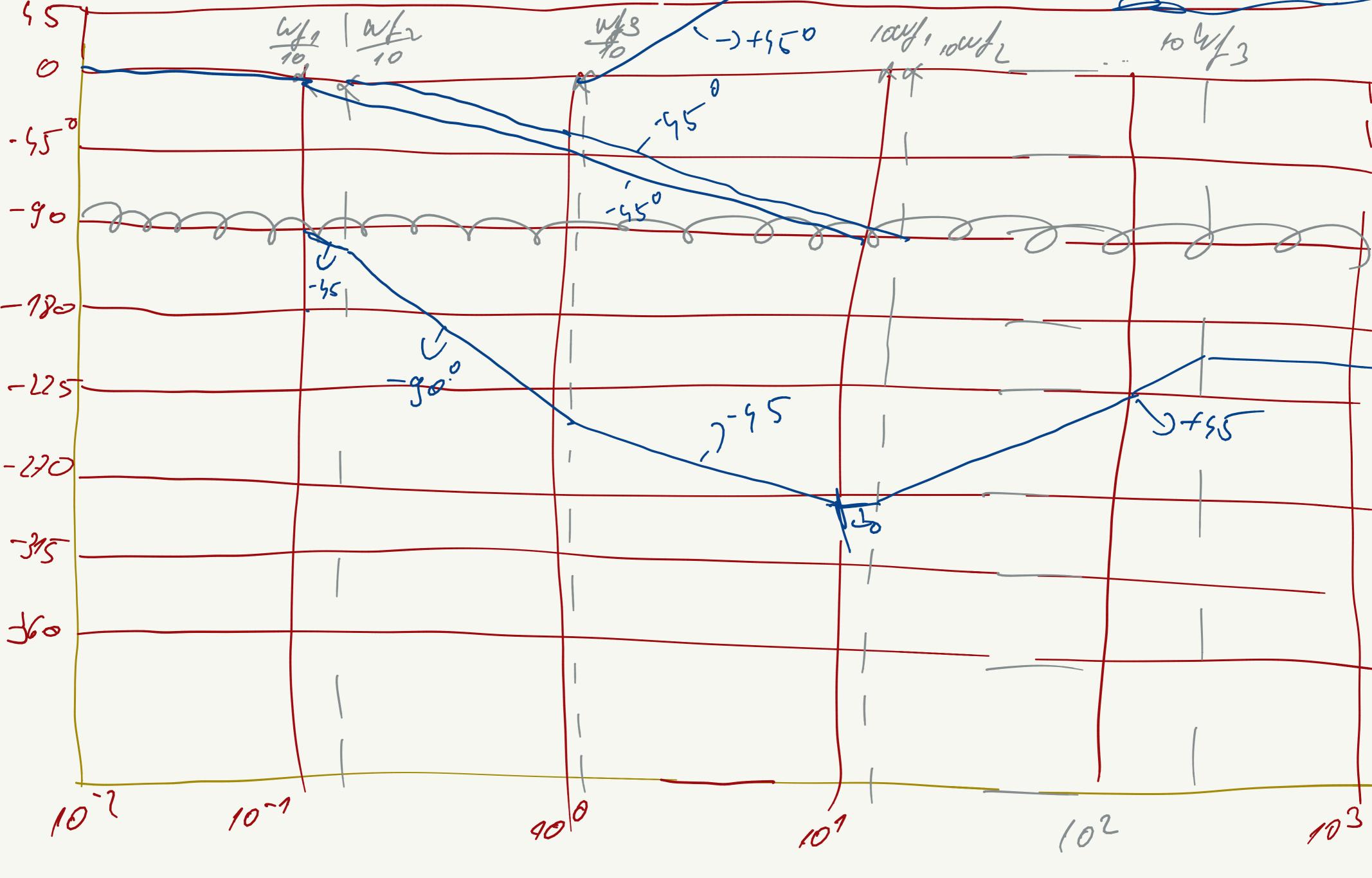
$$= \frac{(1 + 0.5)^2w^2/(1 + 0.06jw)}{jw(1 + 1.06jw)(1 + 0.5jw)}$$

 $\frac{1}{\sqrt{1-0.06}}$ $\frac{1}{\sqrt{1-0.06}}$ $\frac{1}{\sqrt{1-0.06}}$ $\frac{1}{\sqrt{1-0.06}}$

 $W_{1}=1$ $W_{2}=1$ $W_{3}=16,6$



-20 das/dec = -20



 $\frac{df_{1}}{d0} = 0, 1 \quad 1000f_{1} = 10$ $\frac{df_{2}}{d0} = 0, 2 \quad 1000f_{2} = 20$ $\frac{df_{2}}{d0} = 1,66 \quad 1000f_{3} = 166$