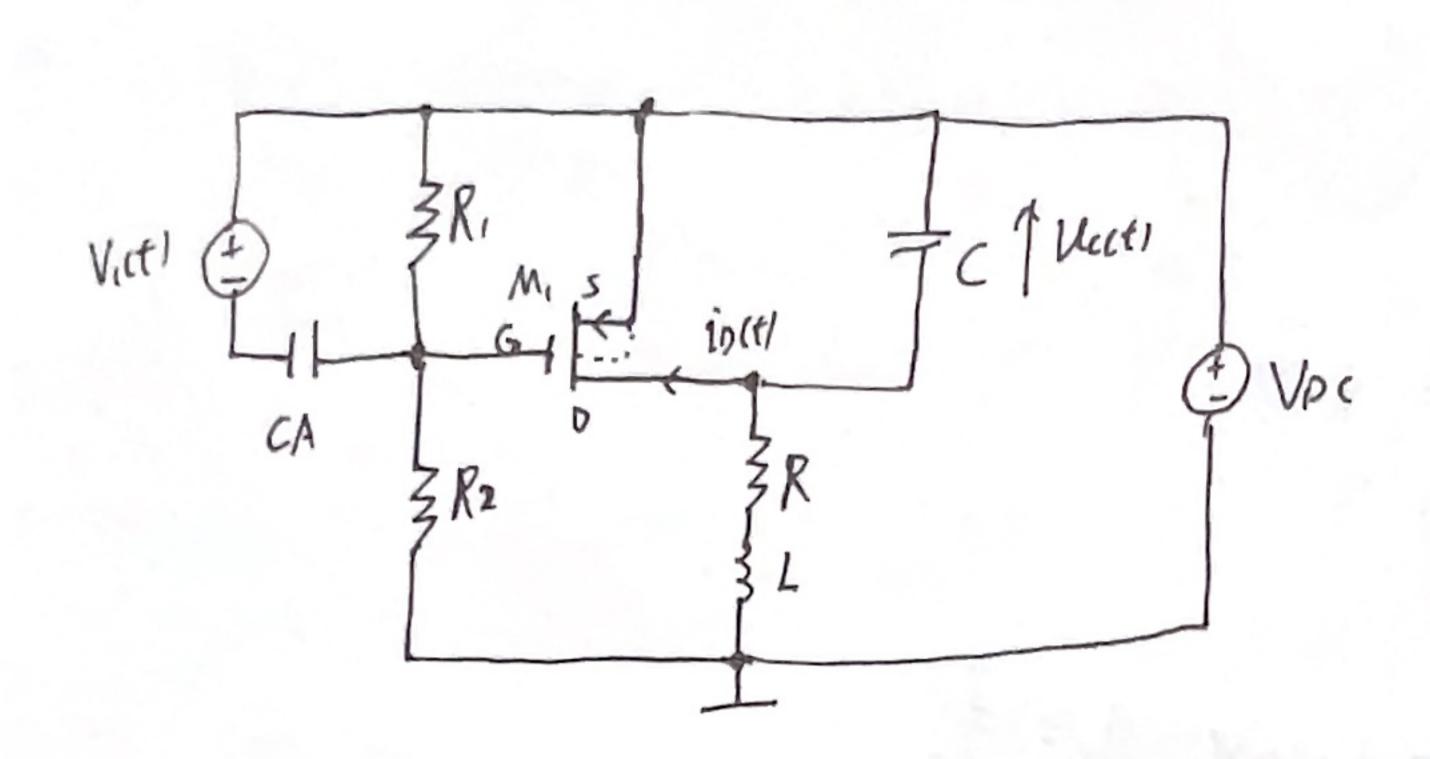
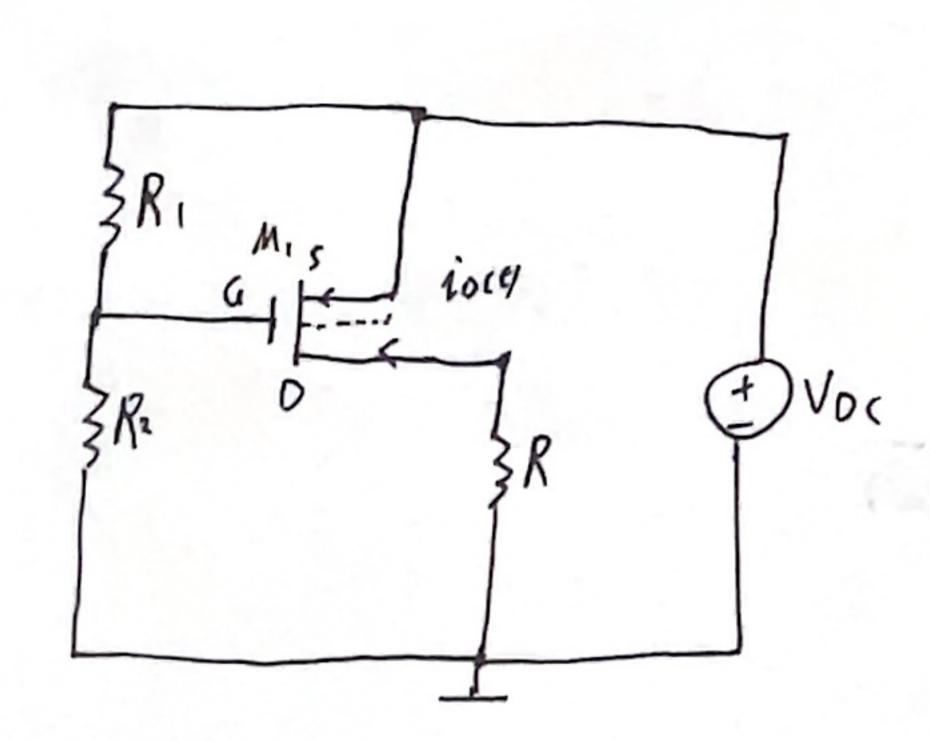
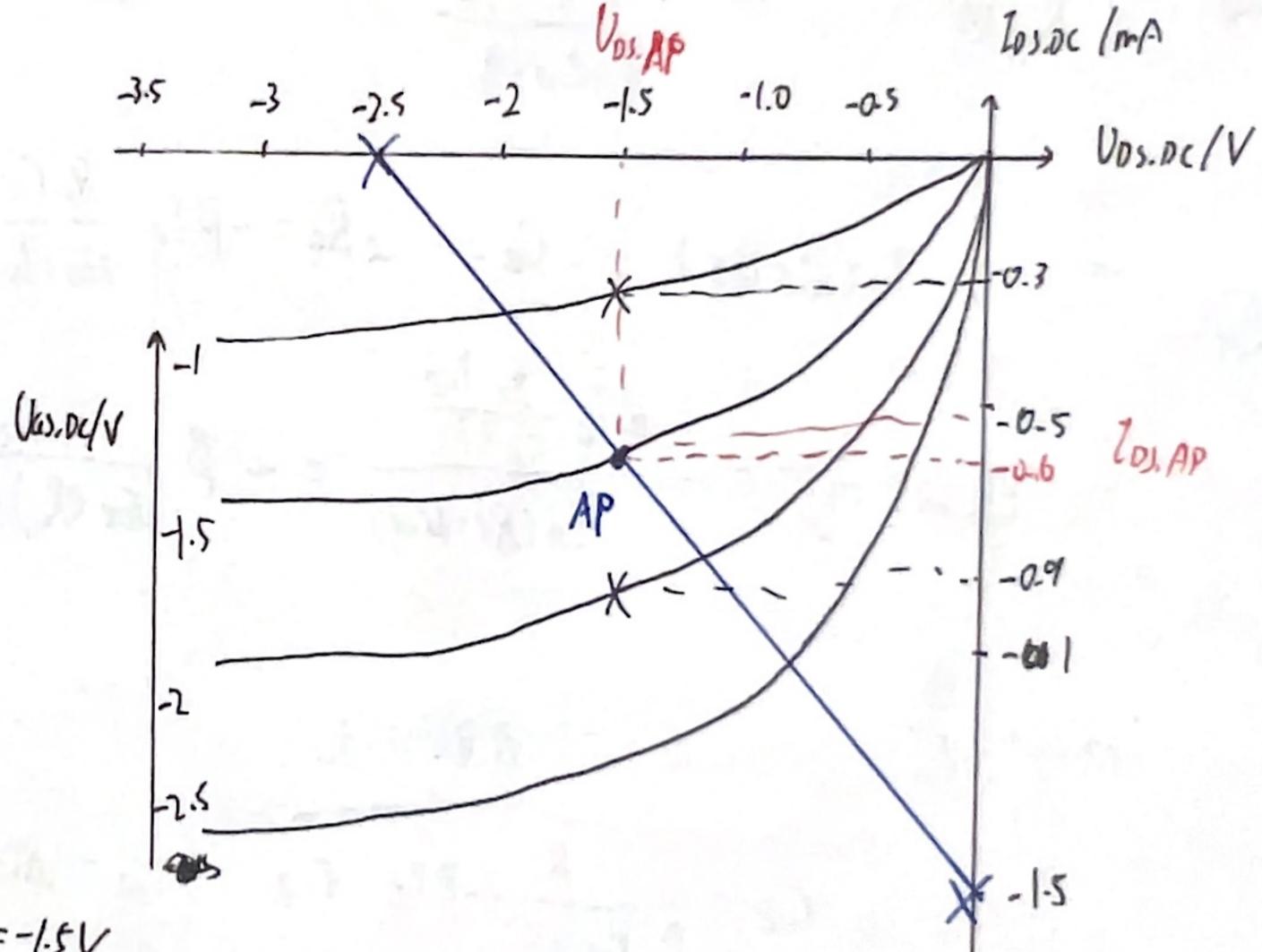
Autgube 10

SEE-7 Hochfrequenzverstörkerscholty, at PMOSFET MI, $R_1 = 3k\Omega$, $R_2 = 2kR$, $R_3 = 2kR$, $R_4 = 3k\Omega$, $R_5 = 3k\Omega$, $R_6 = 3k\Omega$, $R_7 = 3k\Omega$, $R_8 = 3k\Omega$, R_8



a.f. DC-Arbeitspunkt



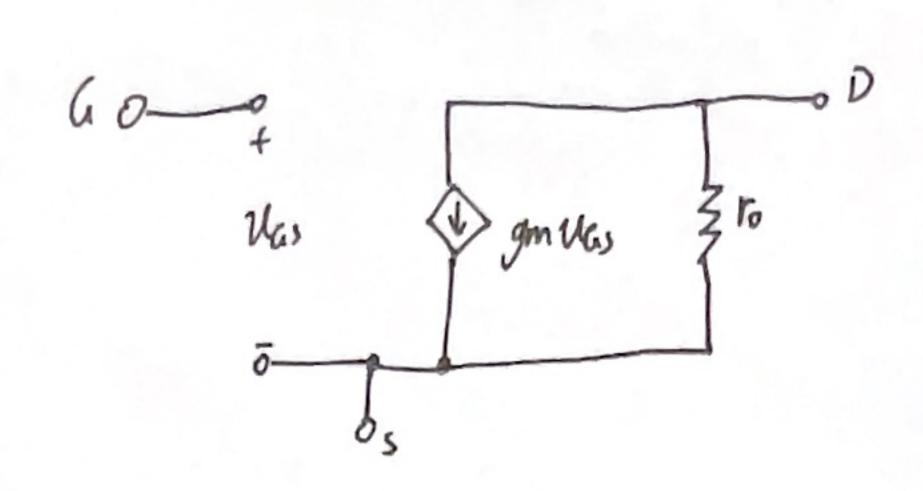


O Vas

2 Vos.

$$I_{OS,OC} = OA$$
, $V_{OS,OC} = -2.5V$
 \Rightarrow $V_{OS,OC} = OV$, $I_{OS,OC} = -(2.5V) - \frac{3}{5} = -1.5 \text{ MAY m/A}$

3 Ins



$$g_{m} = \frac{\partial L_{0S,DC}}{\partial U_{as,DC}} \approx \frac{\Delta L_{0S,DC}}{\Delta U_{as,DC}} = \frac{(-0.9 + 0.3)m^{4}}{(-2V + 1V)} = 0.6 \text{ m/s} = \frac{(-0.7 + 0.6)m^{4}}{(2 + 1/5)V} = \frac{-0.3}{-0.5} \text{ m/s} = 0.6 \text{ m/s}$$

$$\Delta U_{as,DC} = -2V - -1V \quad 7 - 2I - 2 \cdot -1, \quad 2 \cdot -1/5 \text{ m/s} = \frac{(-0.7 + 0.6)m^{4}}{(2 + 1/5)V} = \frac{-0.3}{-0.5} \text{ m/s} = 0.6 \text{ m/s}$$

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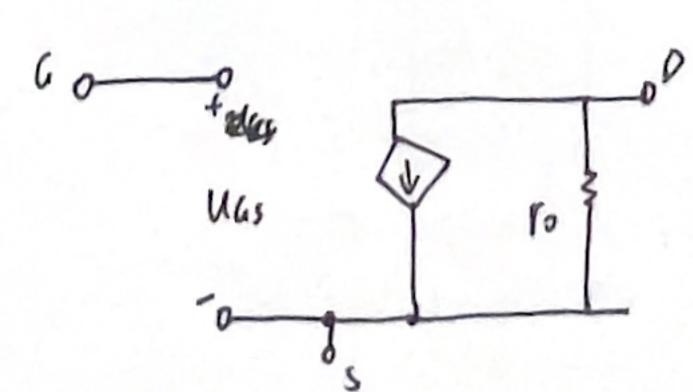
$$\Delta U_{as,DC} = -2V - -1V \quad 7 - 2I - 2 \cdot -1, \quad 2 \cdot -1/5 \text{ m/s} = \frac{(-0.7 + 0.6)m^{4}}{(2 + 1/5)V} = \frac{-0.3}{-0.5} \text{ m/s} = 0.6 \text{ m/s}$$

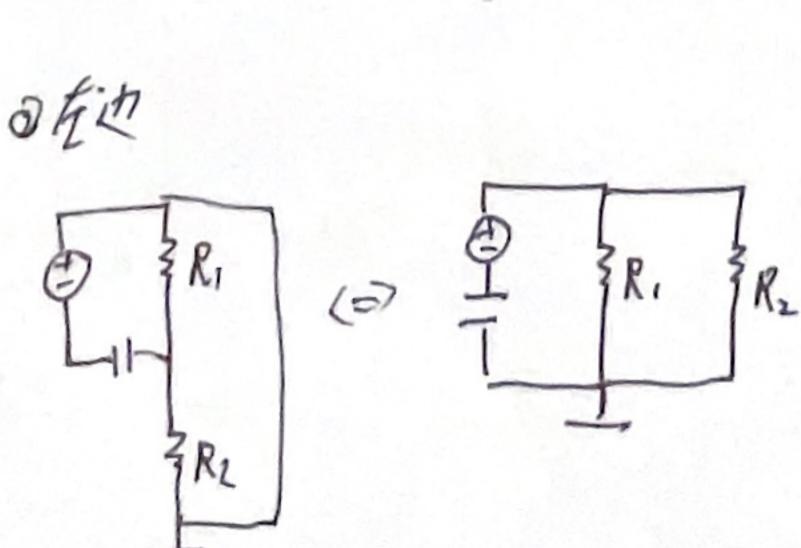
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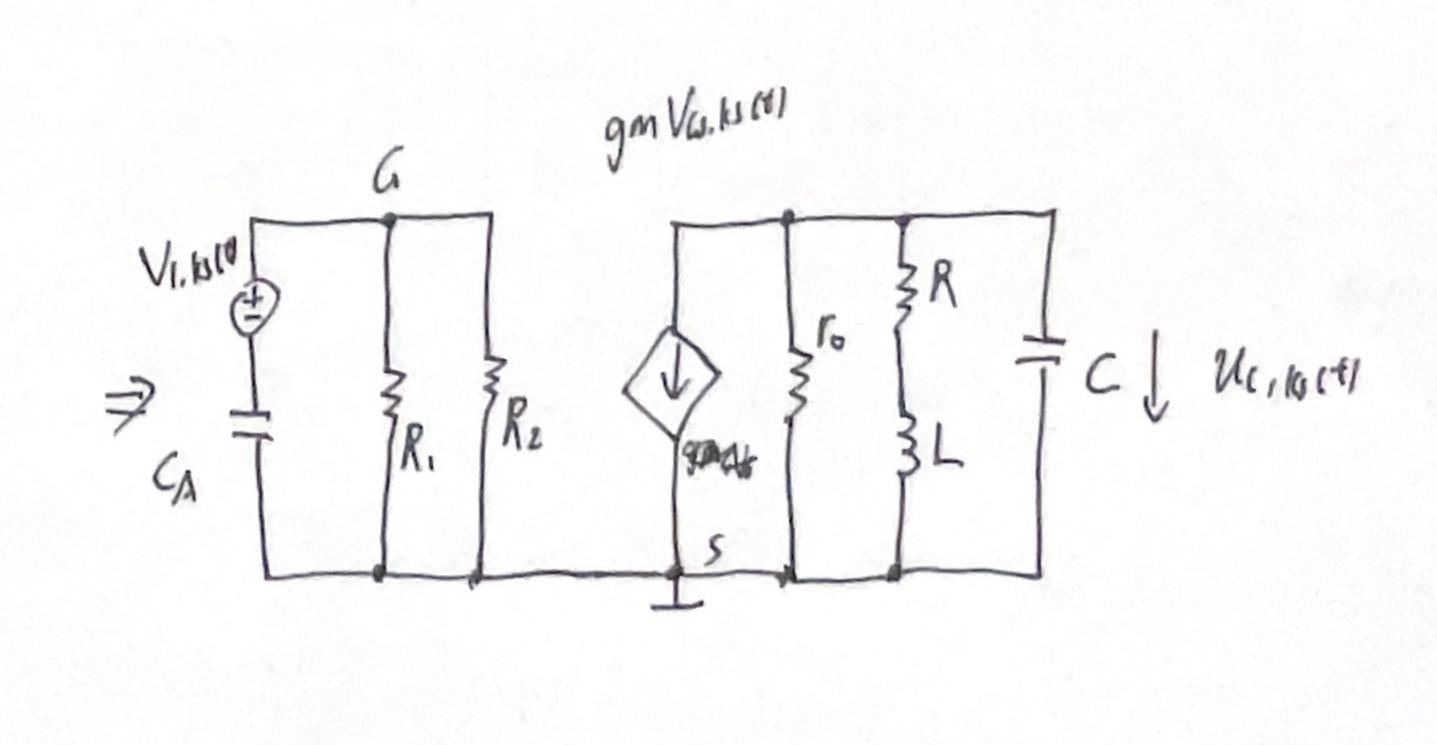
$$\Delta U_{as,DC} = -2V - -1V \quad 7 - 2I - 2 \cdot -1, \quad 2 \cdot -1/5 \text{ m/s} = \frac{(-0.7 + 0.6)m^{4}}{(2 + 1/5)V} =$$

C. Et Kleinsig na lers at 2 schalt bild des Netzwerks

OA MOS &







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