

$$A_{i} = \frac{10}{in} |_{R_{2} \to 0} = \frac{(\beta+1) |_{16}}{ib} = \frac{\beta+1}{2}$$

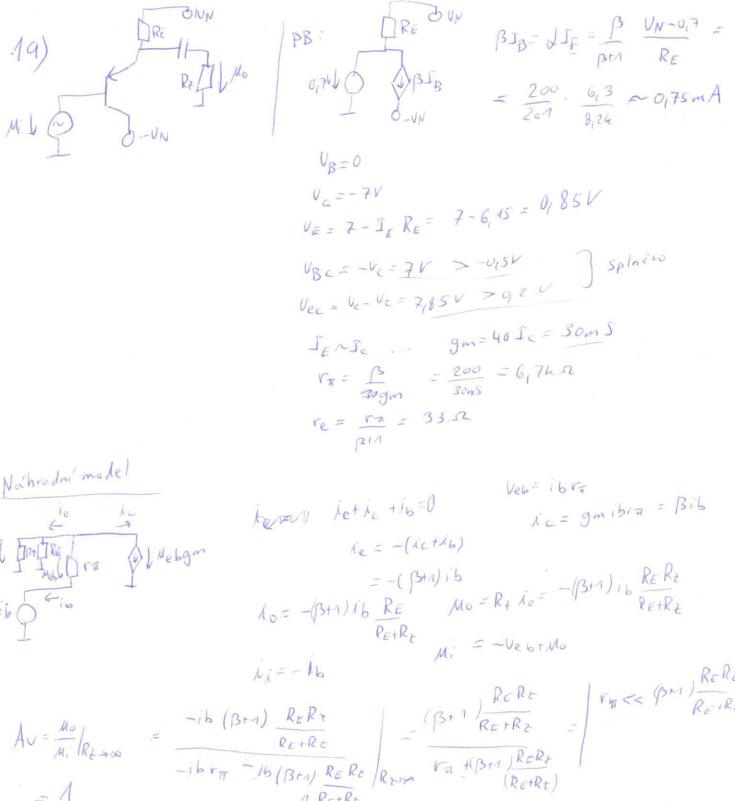
$$R_{i} = \frac{Mi}{in} |_{R_{2} \to 0} = \frac{(\beta+1) |_{16}}{ib} = \frac{\beta+1}{2}$$

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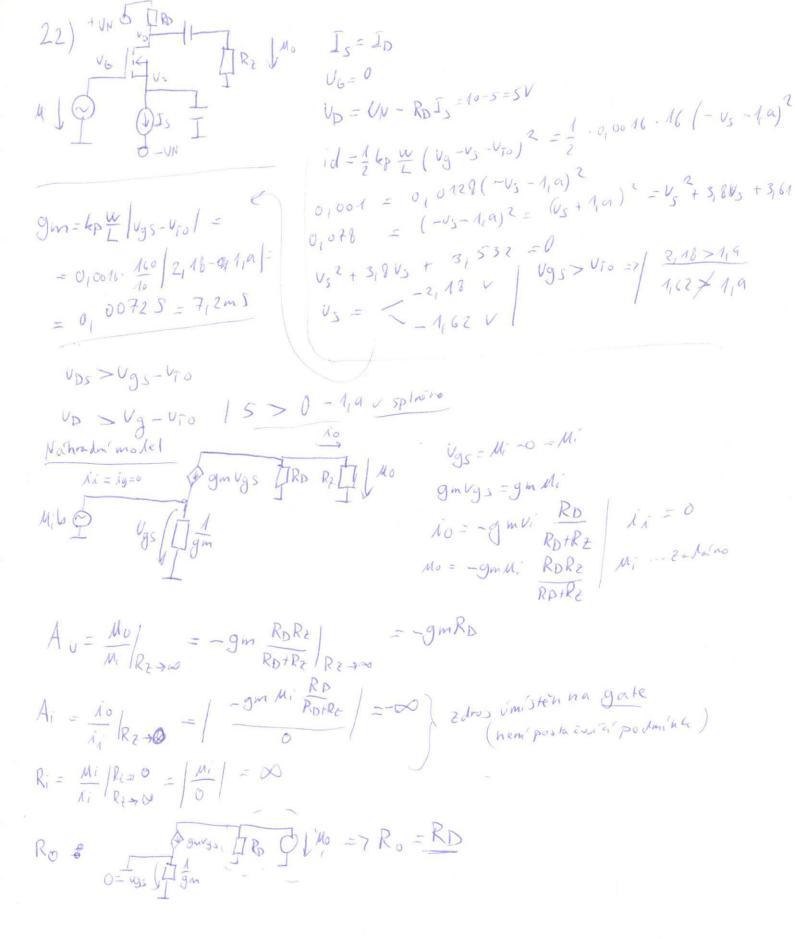
## Nohradní model

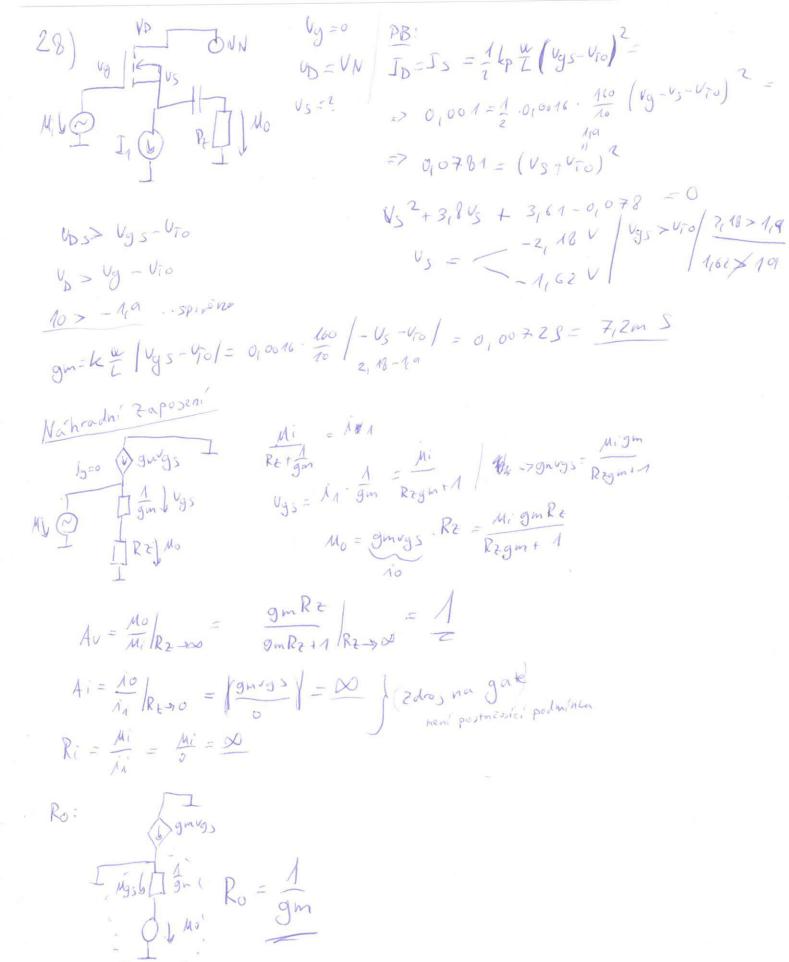


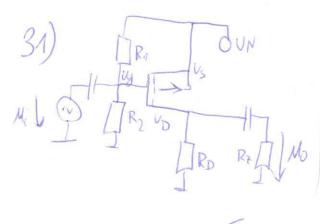
$$A_{0} = -(\beta+1)ib RE \qquad M_{0} = R_{1}io = -(\beta+1)ib RER_{2}$$

$$A_{0} = -(\beta+1)ib RE \qquad M_{0} = -V_{0}b_{1}M_{0}$$

$$R_{0} = -(\beta+1)ib RE \qquad R_{0} = -(\beta+1)ib RE \qquad R_{0} \qquad R_$$







$$A_{i} = \frac{10}{11} R_{2} + 0 = -9m M_{i} \left( \frac{RD}{RD + R_{2}} \right) = -9m \frac{R_{1}R_{2}}{R_{1}R_{2}}$$

$$R_{i} = \frac{M_{i}}{11} R_{2} + 0 = M_{i} \left( \frac{R_{1}R_{2}}{R_{1}R_{2}} \right) R_{2} + 0$$

$$R_{i} = \frac{M_{i}}{11} R_{2} + 0 = M_{i} \left( \frac{R_{1}R_{2}}{R_{1}R_{2}} \right) - \frac{R_{1}R_{2}}{R_{1}R_{2}}$$

$$R_{i} = \frac{R_{1}R_{2}}{11} R_{2} + 0 = \frac{R_{1}R_{2}}{R_{1}R_{2}}$$

$$R_{i} = \frac{R_{1}R_{2}}{R_{1}R_{2}} - \frac{R_{1}R_{2}}{R_{1}R_{2}}$$

$$V_{g} = V_{N} \cdot \frac{R_{2}}{R_{A}+R_{2}}$$

$$V_{g} = V_{N} \left(\frac{R_{2}}{R_{A}+R_{2}}\right) = V_{N} \left(\frac{-R_{1}}{R_{A}+R_{2}}\right) = I_{0} \left(\frac{-200}{a_{20}}\right)$$

$$id = \frac{1}{2} k_{p} \frac{V}{V} \left(\frac{U_{gs} - u_{10}}{V}\right)^{2} = \frac{1}{2} \cdot 0_{1} \cdot 0_{1} \cdot 0_{2} \cdot 0_{3} \cdot 0_{4} \cdot 0_{4}$$

