

$$V_S = 2, 2 I_D = 5,292$$

$$\frac{7}{20} = (\sqrt{7} + 2, 2)I_D + V_D S$$

$$L = \frac{20}{3+1} = 5mH$$

$$I_D = \frac{5 - V_{GS}}{12.5} = 2,57$$

$$\frac{-b \pm \Omega}{2a} = \frac{-232 \pm 175, +2}{4.2} = -1,96 = 165$$

$$|055| = 10$$

$$Vp = -3V$$

$$|-20| Vp = -3V$$

$$|-20| = 10mA$$

$$1/3+0,7$$

$$V_6 = 0,7.10 = 7V$$

$$V_6 = V_{65} + 2k_{10}$$

$$|0 = U_1, 7L_1|$$

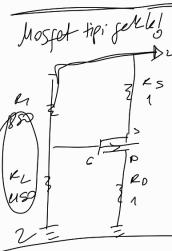
$$\frac{2 - V_{6.5}}{Z} = \frac{10^{5} (64 + 16V_{05} + V_{65}^{2})}{3^{2}16}$$

$$112 - 16V_{05} = \frac{370}{112} + 80V_{05} + 5V_{05}^{2}$$

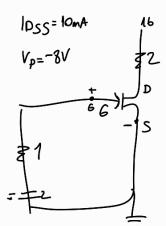
$$5V_{0.5} + 96V_{65} + 708 = 0$$

$$-96 + 71,105$$

$$10$$



$$\frac{-b \pm \sqrt{\Delta}}{2a} = \frac{55 \pm 75}{16} \times \frac{332}{1525}$$



$$V_{S} = 0$$

$$V_{G} = 0$$

$$V_{G} = -2V$$

$$V_{GS} = -2V$$

$$V_{D} = 10(1 - \frac{-2V}{-8V})^{2}$$

10=5/62

$$16 = 2.10 t Vps$$
 $V_{DS} = 4,76$ 
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