

## REŠENJA ZADATAKA

1.  $M_1$  - triodna oblast;  $M_2$  - zasićenje;

$$V_1 = 0,232\text{V} \quad V_2 = 1,248\text{V}$$

4.

$$v_{I1}[\text{V}] = 0.5i_G[\text{mA}] + 2.2, \text{ za } -5\text{mA} \leq i_G \leq -4.4\text{mA} \text{ (IOP- poz. zasićenje, } D_1\text{-OFF, } D_2\text{-ON);}$$

$$v_{I1}[\text{V}] = 0 = \text{const}, \text{ za } -4.4\text{mA} \leq i_G \leq 0 \text{ (IOP- lin. režim, } D_1\text{-OFF, } D_2\text{-ON);}$$

$$v_{I1}[\text{V}] = -i_G[\text{mA}], \text{ za } 0 \leq i_G \leq 4.4\text{mA} \text{ (IOP- lin. režim, } D_1\text{-ON, } D_2\text{-OFF);}$$

$$v_{I1}[\text{V}] = -4.4\text{V} = \text{const}, \text{ za } 4.4\text{mA} \leq i_G \leq 5\text{mA} \text{ (IOP- neg. zasićenje, } D_1\text{-ON, } D_2\text{-OFF).}$$

$$v_{I2}[\text{V}] = 4.4\text{V} = \text{const}, \text{ za } -5\text{mA} \leq i_G \leq -4.4\text{mA} \text{ (IOP- poz. zasićenje, } D_1\text{-OFF, } D_2\text{-ON);}$$

$$v_{I2}[\text{V}] = -i_G[\text{mA}], \text{ za } -4.4\text{mA} \leq i_G \leq 0 \text{ (IOP- lin. režim, } D_1\text{-OFF, } D_2\text{-ON);}$$

$$v_{I2}[\text{V}] = 0 = \text{const}, \text{ za } 0 \leq i_G \leq 4.4\text{mA} \text{ (IOP- lin. režim, } D_1\text{-ON, } D_2\text{-OFF);}$$

$$v_{I2}[\text{V}] = 0.5i_G[\text{mA}] - 2.2, \text{ za } 4.4\text{mA} \leq i_G \leq 5\text{mA} \text{ (IOP- neg. zasićenje, } D_1\text{-ON, } D_2\text{-OFF).}$$