

REŠENJA ZADATAKA

1. $I_{D1} = 20\mu\text{A}$; $R_0 = 30\text{k}\Omega$.

4.

$$v_I[\text{V}] = -12\text{V} = \text{const} , \text{ za } -12\text{V} \leq v_G \leq -4,5\text{V} \text{ (IOP-neg. zasićenje, } D \text{-ON)};$$

$$v_I[\text{V}] = 2v_G[\text{V}] - 3 , \text{ za } -4,5\text{V} \leq v_G \leq -1,5\text{V} \text{ (IOP-lin. režim, } D \text{-ON)};$$

$$v_I[\text{V}] = 4v_G[\text{V}] , \text{ za } -1,5\text{V} \leq v_G \leq 3\text{V} \text{ (IOP-lin. režim, } D \text{-OFF)};$$

$$v_I[\text{V}] = 12\text{V} = \text{const} , \text{ za } 3\text{V} \leq v_G \leq 12\text{V} \text{ (IOP-poz. zasićenje, } D \text{-OFF)}.$$