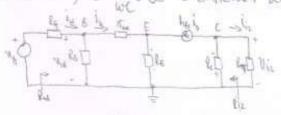
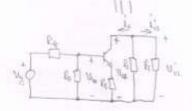
## Prostor za rješavanje:

a) 
$$C_0 = \emptyset$$
 ,  $x_c = \frac{1}{wc} = 80$  - EMPTERSKA DESEN.

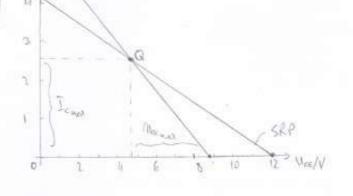




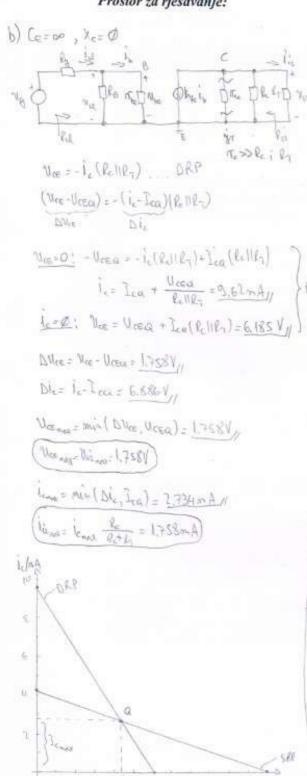
$$u_{e_{E}} = -i_{e} \left( \ell_{\eta} || \ell_{e} \right) - i_{e}, \, k_{E} = -i_{e} \left( \ell_{\eta} || \ell_{e} + \ell_{\varphi} \right)$$

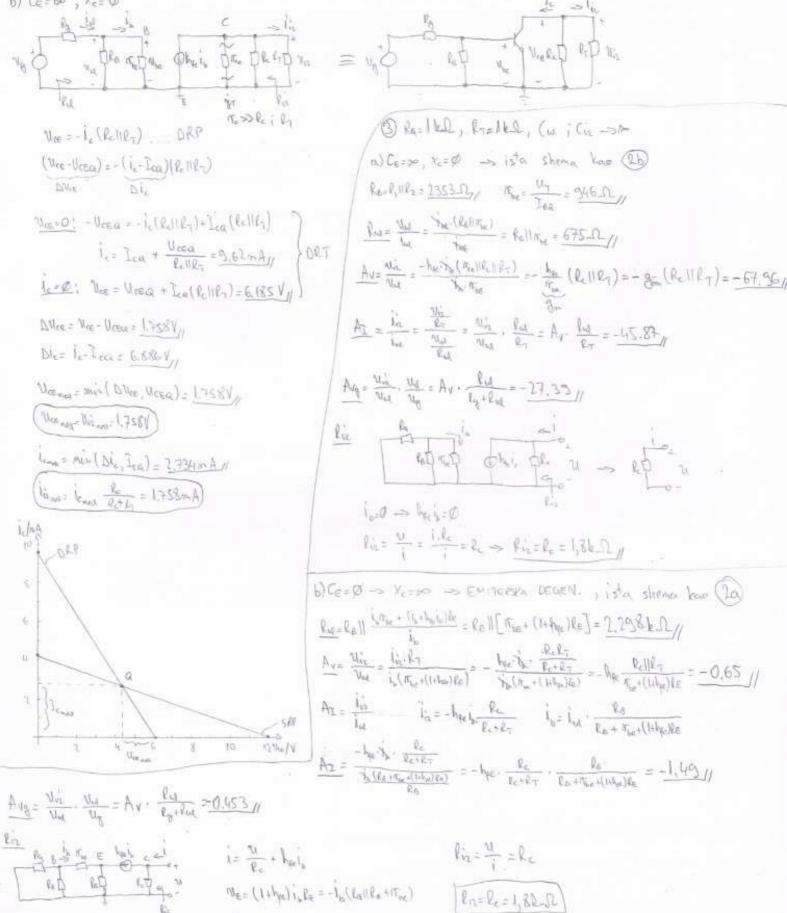
$$(x)(\underbrace{u_{ee},\,u_{ee}}) = -(\underbrace{i_e,\,t_{ea}})(k_1/(k_e+k_e),...,\,dk_p)$$

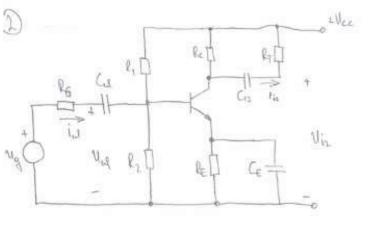
$$\begin{split} \underline{i_{c}} &= \emptyset; \quad \text{Mor} : (\text{Mor} + \text{I}_{ca}(\text{Re} + \text{Re}_{1}||R_{c}) = \underbrace{8.837V_{JJ}}_{\text{DE}} \\ \underline{n_{gc}} &= \emptyset; \quad \text{Mor} = -\hat{i_{c}}(\text{Re} + \text{Re}_{1}||R_{c}) + \text{I}_{ca}(\text{Re} + \text{Re}_{1}||R_{c}) \\ \hat{i_{c}} &= \text{I}_{ca} + \underbrace{\text{Mor}}_{\text{Re} + \text{Re}_{1}||R_{c}} = \underbrace{5.479mA_{JJ}}_{\text{Mor}} \end{split}$$

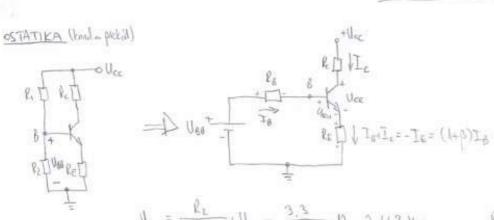


## Prostor za rješavanje:







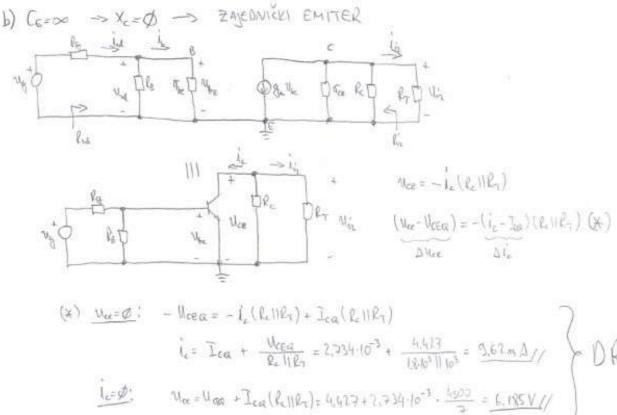


$$\ell_{k} = \ell_{k} || \ell_{k} = \frac{\ell_{k} \ell_{k}}{\ell_{k} + \ell_{k}} = 2.353 \text{ km}$$

Ucea= 4,427 V,

$$q_{m} = \frac{U_{T}}{\eta_{be}} = \frac{\frac{200}{11600}}{\eta_{be}} = \frac{246 \Omega}{946} = 0.106$$

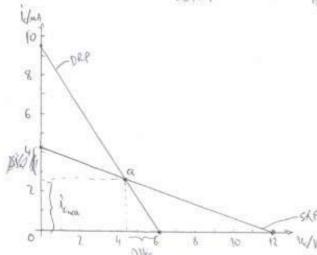
a) 
$$C_{0} = \emptyset$$
 $C_{0} = \emptyset$ 
 $C$ 



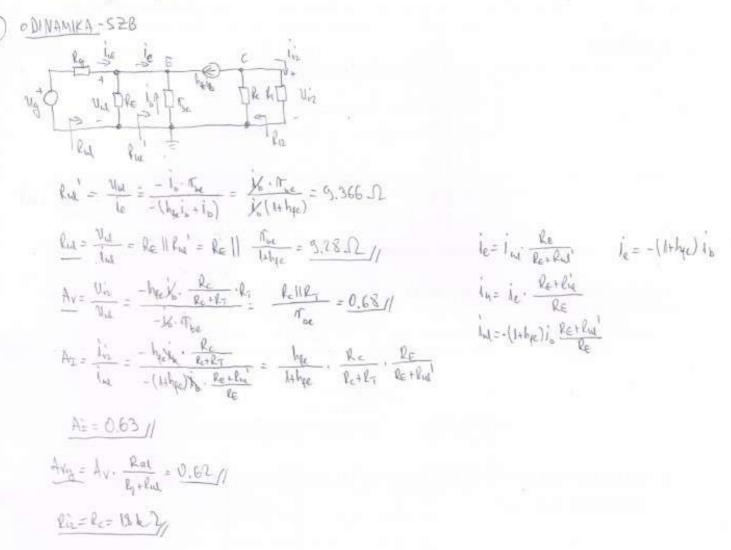
$$(x) \quad \underline{u_{ce}} = 0: \quad - |u_{ce}| = -i_{e}(|k_{e}||R_{T}) + I_{ca}(|k_{e}||R_{T})$$

$$i_{e} = I_{ca} + \frac{|u_{ce}|_{ca}}{|k_{e}||R_{T}} = 2.734 \cdot 10^{-3} + \frac{|u_{ce}|_{T}}{|k_{e}|^{3}||s^{3}||} = 2.62 \text{ m/s}//$$

$$\underline{i_{ce}} = 0: \quad \underline{u_{ce}} = \underline{u_{ce}} + I_{ce}(|k_{e}||R_{T}) = \underline{u_{e}} + 2.734 \cdot 10^{-3} \cdot \frac{|u_{e}|_{T}}{|s^{2}|} = \underline{u_{e}} + \underline{u_{$$



## Prostor za rješavanje:



Tablica I. Brojčani rezultati zadataka za pripremu

| SZE   |           |          |        |         |          |          |  |  |
|---|-----------|----------|--------|---------|----------|----------|--|--|
|   | Maks. hod | $R_{ul}$ | $A_V$  | $A_{i}$ | $A_{Vg}$ | $R_{lx}$ |  |  |
| $R_T = 1 \text{ k}\Omega$<br>$C_E = 0$      | 4,411     | 25855    | -0.65  | -1.49   | -0,453   | 1800A    |  |  |
| $R_T = 1 \text{ k}\Omega$<br>$C_E = \infty$ | 1,7581    | D.253    | -67,96 | -45.87  | -27,39   | 1,8 kD   |  |  |

| SZB    |       |       |          |          |  |  |  |
|--------|-------|-------|----------|----------|--|--|--|
| Rui    | $A_V$ | $A_I$ | $A_{Vg}$ | $R_{iz}$ |  |  |  |
| 2.28.2 | 0.68  | 0,63  | 0.62     | 18000    |  |  |  |