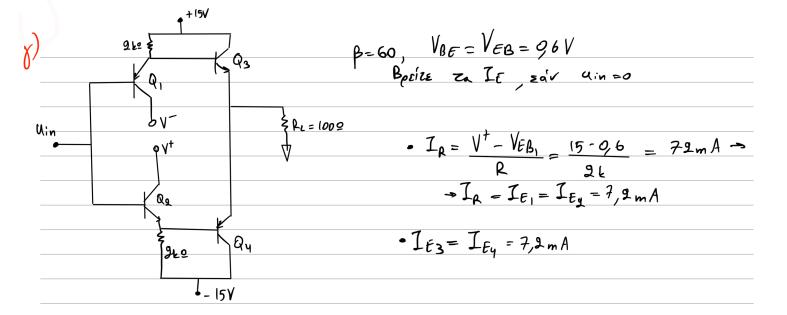


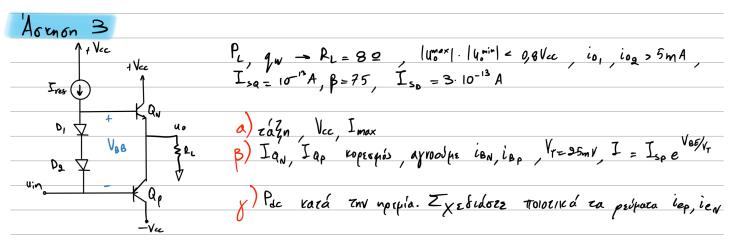
β) εύρος ηθο για τάξη ΑΒ, βασικό πλεονέκτημα της ΑΒ

a)
$$\frac{P_{\text{out}} = \frac{V_{\rho t_{\rho}}}{2!} = \frac{V_{\rho}^{2}}{2!}}{[-V_{\rho}, V_{\rho}] = (-10 \text{ V}, 10 \text{ V}]} = (-0, 1 \text{ V}, 0, 1 \text{ V}]$$

Πλεονέκτημα της ΑΒ σε σχέση με τη Β είναι ότι δεν έχουμε παραμορφήσεις τεράγματος.



$$\frac{1}{10} = \frac{U_0}{R_L} = \frac{U_{im}}{100} = \frac{10}{100} = \frac{10}{100} = \frac{100mA}{R} = \frac{10}{100} = \frac{10}{100}$$



Taken AB. H VBB Sirel EVA de obtset ozis ElasSous TWV QN, Qp

$$\frac{P_L = \frac{U_p^{\text{max}} \cdot i_p^{\text{max}}}{2} = \frac{(U_p^{\text{max}})^2}{2P_L} = \frac{U_p^{\text{max}} = 12V}{2P_L}$$

$$\frac{V_{\text{cc}} = \frac{U_p^{\text{max}}}{0/9} = \frac{V_{\text{cc}} = 15V}{0}$$

Ocan
$$V_0^{\text{max}}$$
 $z\delta z \in Q\rho$ $\sigma \varepsilon$ attoroism: $i_{\text{en}} = i_{\text{Lmax}} = \frac{Q\rho^{\text{max}}}{R_L} = 15A$

$$\frac{i_{\text{en}} = \frac{i_{\text{en}}}{\rho + 1}}{|\rho_{\text{en}}|} = \frac{14}{7} \pi A$$

I bias = i by + Io = 19,7 + 5 = 24,7mA

•
$$V_{BE} = 2V_{T} \ln \left(\frac{I_{D}}{I_{SO}}\right) = 137V$$

