NICOI ALEXANDRU GR 253

Applificationel au transpictor bipolor in convexiones au énvitor conver

a) Jone Condensator

$$V_0 = 0.63 V$$
 $S = 1$ $A_U = \frac{0.63}{0.19} = 3.31$
 $V_0' = 0.13 V$ $V_0' = 0.13 V$

b) en complexator

$$V_0 = 1560 \text{ meV} (=) A = \frac{1560}{9,8} = 159,18$$
 $V_i = 3,8 \text{ meV})$

Impedonte de intrare

$$V_g = 0.13 \text{ V}$$
 $V_i' = 0.11 \text{ V}$
 $Z_i' = \frac{V_i' \cdot R_i'}{V_f - V_i'} = \frac{0.11 \cdot 10000}{0.19 - 0.11}$
 $Z_i' = \frac{V_i' \cdot R_i'}{V_f - V_i'} = \frac{0.11 \cdot 10000}{0.19 - 0.11}$
 $Z_i' = \frac{10 \text{ K} \cdot \Omega}{V_f - V_i'} = \frac{0.11 \cdot 10000}{0.19 - 0.11}$

Impedonte de cisire: A.
Vore = 0,63V

$$\frac{2}{50} = (\sqrt{94} - \sqrt{50}) \cdot R_0$$

$$= (0,63 - 0,32) \cdot 5000$$

$$= 0,63$$

= 4873,75R

Impedants de cutrace

$$= \frac{0.83.4328}{10} = 409,02$$

$$Ap = Av Ai' = 0.83.403,02$$

$$= 333,4866$$

Roudonnendul