

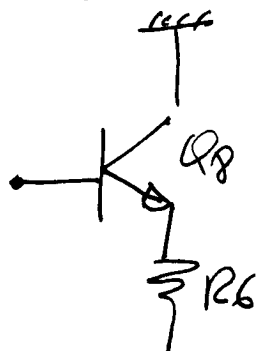
$$A_3 = \frac{R_5 \parallel R_{14}}{r_{e2} + R_4} = \frac{15,2k \parallel 303,5k}{2,325k} = 6,4$$

~~A4~~

A4

quodaguo quarto stadio

circuito equivalente



$$A_4 = \frac{R_6}{R_6 + r_{e8}} = \frac{3000}{3000 + 5} \approx 1$$

$$A = A_1 \cdot A_2 \cdot A_3 \cdot A_4 = \underline{\underline{8513}}$$

$$Z_{out} = R_6 \parallel \left[r_{e8} + \frac{R_5}{h_{fe}} \right] \rightarrow 1525\Omega$$