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quinta-feira, 18 de novembro de 2021

18:09

$$CMRR_{dB} = 70dB \Rightarrow CMRR = 3162,27$$

$$A_d = \frac{90K}{15K} = 6 \quad A_c = \frac{A_d}{CMRR} = 1,897 \times 10^{-3}$$

$$V_c = 1,8V$$

$$V_{oc} = 1,897 \times 10^{-3} \times 1,8 = 3,4146 \times 10^{-3} V$$

$$V_{od} = 6 \times (3,7 - 3,2)$$

$$V_{od} = 3V$$

$$\frac{V_{od}}{V_{oc}} = \frac{3}{3,4146 \times 10^{-3}} = 878,58$$