Formulário - AE

#MEC: _____ **Nome:** _____

Conversão entre graus C e Kelvin: 0°C = 273.15 K

$$v_o = \frac{\beta}{(1+\beta)^2}\left(\frac{\Delta R_1}{R1} - \frac{\Delta R_2}{R2} - \frac{\Delta R_3}{R3} + \frac{\Delta R_4}{R4}\right)\cdot v_s$$

$$\eta = \frac{\sum \frac{\Delta R_i}{R_i}}{\sum \frac{\Delta R_i}{R_i} + 2}, \text{ for } \beta = 1$$

$$\frac{R_1}{R_2} = \frac{R_3}{R_4} = \beta$$

$$S_e = \frac{\Delta R/R}{\Delta l/l} = \frac{\Delta R/R}{\epsilon}$$

$$R = R_0\left[1 + \alpha\left(\theta - \theta_0\right)\right]$$

$$R = R_0 e^{\beta\left(\frac{1}{\theta} - \frac{1}{\theta_0}\right)}$$

$$R = \frac{RT_2\left(RT_1 + RT_3\right) - 2\,RT_1 RT_3}{RT_1 + RT_3 - 2\,RT_2}$$

$$V_{\mathrm{BE}} = \frac{k\Theta}{q}\ln\left(\frac{I_{\mathrm{C}}}{I_s}\right)$$

$$v = \sqrt{\frac{2\cdot(p_t - p_s)}{\rho}}$$

$$C_h \approx C_0(1 + \alpha_h \cdot RH)$$

$$\Delta\%RH = (B1 \cdot \%RH + B2)\cdot T + (B3 \cdot \%RH + B4)$$

$$v_o = \frac{R_3}{R_2}\left(1 + 2\frac{R1}{R_G}\right)(v_2 - v_1) + v_r$$

$$G = 20\log\left(2^n - 1\right)$$

$$ENOB = \frac{SNR - 1.76}{6.02}$$

$$V_O = V_{REF}\left(1 + \frac{R_2}{R_1}\right) + I_{ADJ}R_2$$

$$U = E\frac{1}{1-D}$$