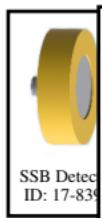


c)



$$I_{\text{bias}} = v \frac{\sqrt{\rho U_B}}{\tau_0}$$

$$I_{\text{bias}}^{\text{Sze}} = \sqrt{\frac{D_p}{\tau_p} \frac{n_i^2}{N_D}} + v \frac{\sqrt{\rho U_B}}{\tau_p}$$

Fit parameters

$$\alpha_1 = 398.397 \cdot 10^{-3}$$

$$\alpha_2 = 17.240$$

$$\beta_1 = -104.742 \cdot 10^{-3}$$

$$\beta_2 = 2.458$$

$$f_{\text{fit}}(U_B) = \alpha_1 \sqrt{\alpha_2 U_B} + \beta_1 U_B + \beta_2$$