NODO A $N_{AD} = P$

σ_R ↙

$\delta_{1P} + X_1 \delta_{11} = \Delta \qquad X_1 = 400 A_{BE}$

$$\delta_{1P} = \sum_1^7 \frac{N_{Pi} N_{1i}}{EA} \ell_i = -2\left(\frac{5}{3}\right)\left(\frac{5}{3}\right) P \frac{5}{8} \frac{L}{EA}$$

$$- P \frac{3}{4} \frac{L}{EA} - \left(\frac{4}{3}\right)\left(\frac{4}{3}\right) P \frac{L}{EA} = -2 \text{ mm}$$

$$\delta_{11} = V. \text{ attrav.} = \left(7{,}5 \cdot 10^{-5} + \frac{0{,}0045}{A_{BE}}\right) \text{mm}/\text{N}$$

$$-2 + 400 A_{BE}\left(7{,}5 \cdot 10^{-5} + \frac{0{,}0045}{A_{BE}}\right) = 3$$

$A_{BE} = 107 \text{ mm}^2$