

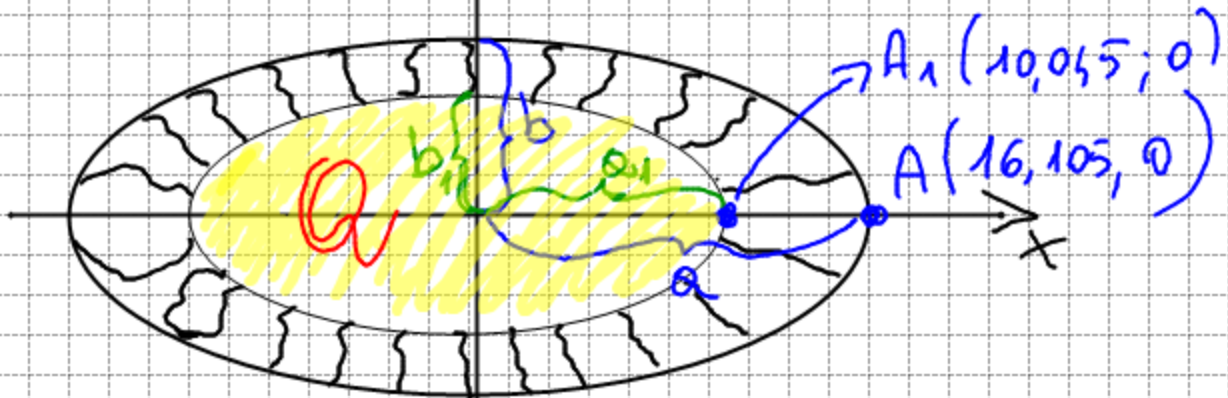
N2 PAG 430

$$2a = 32,21 \text{ m}$$

$$2a_1 = 20,09 \text{ m}$$

$$2b = 29,02 \text{ m}$$

$$2b_1 = 14,28 \text{ m}$$



$$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$$

$$\frac{x^2}{a_1^2} + \frac{y^2}{b_1^2} = 1$$

$$\frac{x^2}{259,73} + \frac{y^2}{210,54} = 1$$

$$\frac{x^2}{100,90} + \frac{y^2}{50,97} = 1$$

OMOTETIA

$$\begin{cases} x' = kx \\ y' = ky \end{cases} \quad \begin{cases} 16,105 = k \cdot 10,045 \\ k = 1,6 = \frac{8}{5} \end{cases}$$

$$Q = \pi a_1 b_1 = 225,32 \text{ m}^2$$

$$Q_{\text{sedie}} = 60 \text{ cm} \times 1 \text{ m} = 0,6 \text{ m}^2$$

$$n_{\text{sedie}} = \frac{Q}{Q_{\text{sedie}}} = \frac{225,32 \text{ m}^2}{0,6 \text{ m}^2} = 375 \text{ sedie}$$