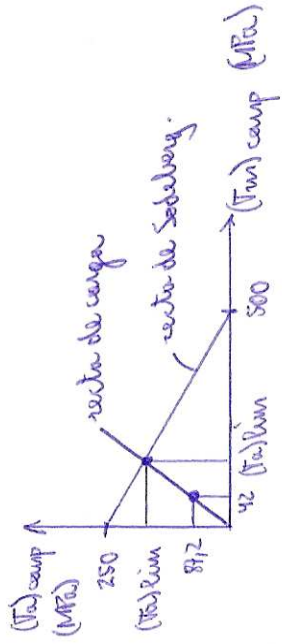


$$(T_{in})_{camp} = \sqrt{\frac{T_{in}^2}{V_p^2} + 3T_{in}^2} = T_{in} \cdot \sqrt{3} = \sqrt{3} \cdot 24,3 = 42 \text{ MVA} = V_{pmax}$$

• Diagrama de Sobrelap: ↓



Punto de encuentro entre la recta de Sobrelap y la recta de carga.

$$y = mx + b \quad \left. \begin{array}{l} y = -\frac{250}{500}x + 250 \\ y = \frac{81,2}{42} \cdot x \end{array} \right\} \begin{array}{l} -\frac{250}{500} \cdot x + 250 = \frac{81,2}{42} \cdot x ; -0,5 \cdot x + 250 = 2,07 \cdot x ; \\ -0,5 \cdot x - 2,07 \cdot x = -250 ; -2,57 \cdot x = -250 ; x = \frac{-250}{-2,57} ; x = 97,27 \end{array}$$

$$\tan \alpha = \frac{(T_q)C}{(T_q)P}$$

$$C.S = \frac{(T_{in})_{lim}}{(T_{in})_{camp}} \rightarrow C.S = \frac{V_e}{V_{pmax}} = \frac{V_e}{V_{eq}} \rightarrow C.S = \frac{97,27}{42} ; C.S = 2,3$$

