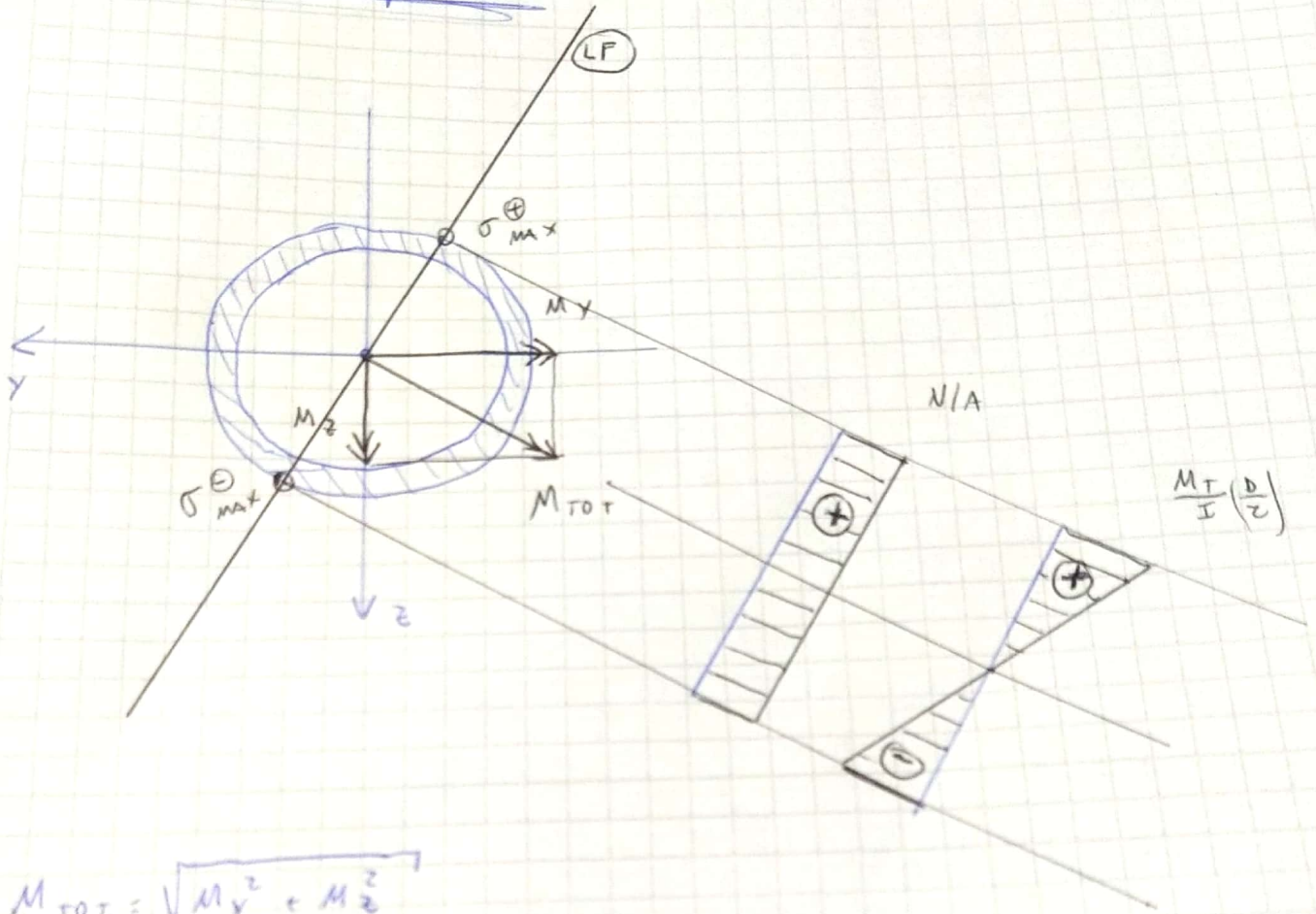


Sección anular - Eje elástico:



$$M_{TOT} = \sqrt{M_y^2 + M_z^2}$$

$$\sigma_x = \frac{N}{A} + \frac{M_{TOT}}{I} \cdot \left(\frac{D}{2}\right) \leq \sigma_{adm}$$