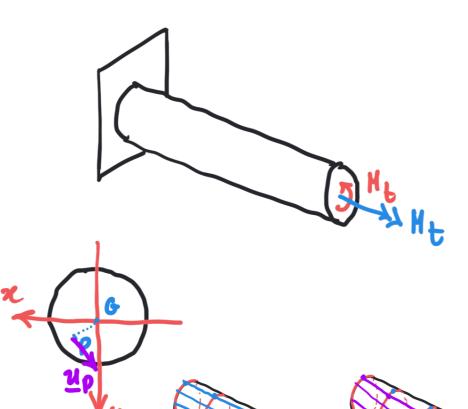
Ip. creu: opri rezone mota attorni all'osse 3.
in misura proporzionele alle consinata 3.

$$N = T_x = T_y = 0$$

$$N_x = M_y = 0$$

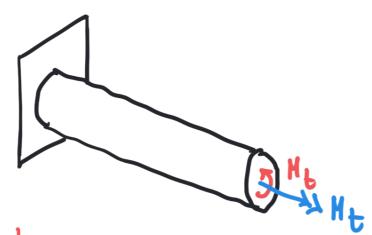
$$N_x = M_$$



$$u(x_1y_1z) = -\theta zy$$

$$v(x_1y_1z) = \theta zz$$

$$v(x_1y_1z) = 0$$





$$\mathcal{E}_{x} = \frac{\partial u}{\partial x} = 0 \qquad \mathcal{E}_{y} = 0$$

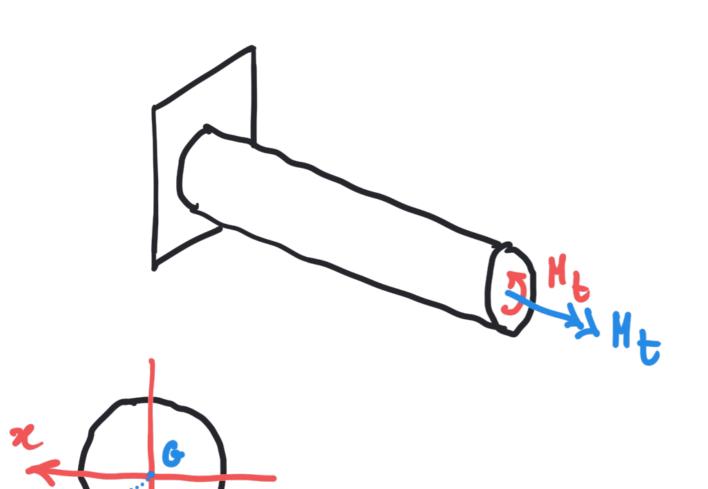
$$\mathcal{T}_{xy} = \frac{\partial u}{\partial y} + \frac{\partial v}{\partial z} = 0$$

$$\mathcal{T}_{zx} = \frac{\partial w}{\partial x} + \frac{\partial u}{\partial z} - \Theta y$$

$$\mathcal{T}_{zy} = \frac{\partial w}{\partial x} + \frac{\partial w}{\partial z} - \Theta y$$

$$\underline{C} = C_{2x}\underline{i} + C_{2y}\underline{j} = -G\theta y \underline{i} + G\theta x\underline{j}$$

$$= G\theta (\alpha \underline{j} - y\underline{i}) = G\theta \underline{k} \times (\alpha \underline{i} + y\underline{j})$$



$$N = 0 \qquad H_x = M_y = 0$$

$$T_x = \int e_x dA = -GGG_x = 0$$

$$T_y = 0$$

$$H_t = \int (e_x - e_x y) dA$$

$$A$$

$$= GG \int (x^2 + y^2) dA = GGT_x$$

$$\begin{array}{lll}
\nabla_{x} = \nabla_{y} \cdot \nabla_{y} = 0 \\
\nabla_{z_{x}} = -G \cdot G \cdot g \cdot g = 6 \cdot G \cdot g
\end{array}$$

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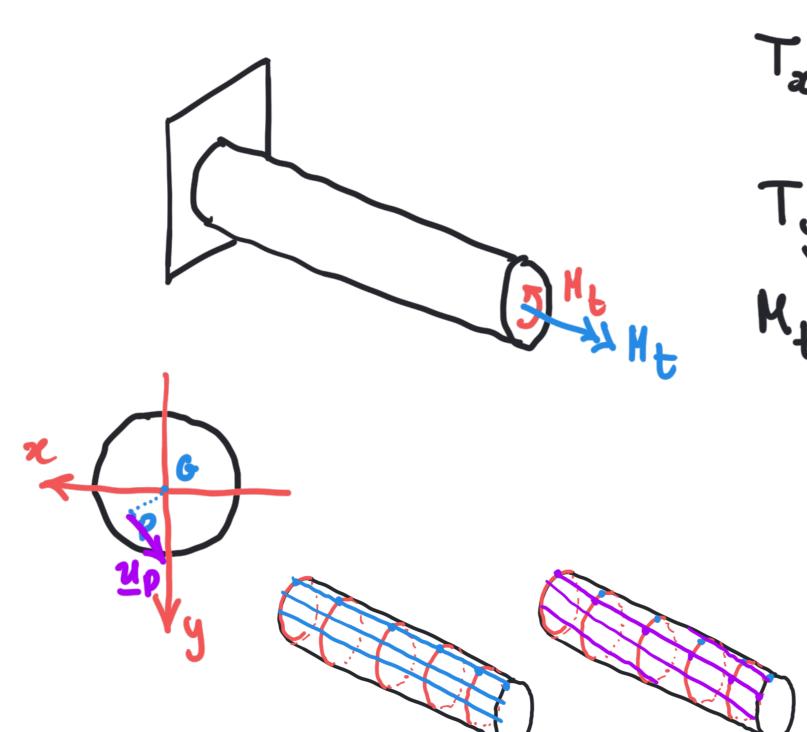
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$$N = 0 H_x = H_y = 0$$

$$T_x = \int e_x dA = -G \theta G_y = 0$$

$$T_y = 0$$

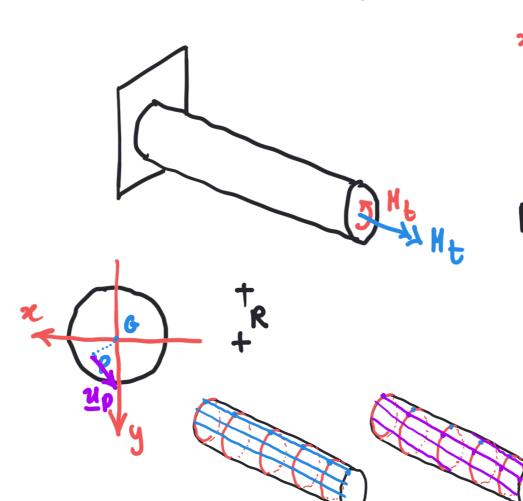
$$H_t = \int (e_{zy} x - e_{zy}) dA$$

$$= G \theta \int (a^2 + y^2) dA = 6 \theta T_p$$

$$A$$

$$S \theta \cdot c m \cdot T_p = \frac{\pi R^4}{2}$$

$$\mathcal{L}^{b} = \mathcal{C} \oplus \mathbb{K} \times \mathcal{C}^{b}$$



$$\mathcal{E}(r) = 60 \text{ r}$$

$$= \frac{Ht}{Tp}$$

$$= \frac{2Ht}{TR^{4}}$$

$$H_{t} = \int (e_{zy}x - e_{zy}) dA$$

$$= 60 \int (a^{2} + y^{2}) dA = 60 T_{p}$$

$$\mathcal{E}(r) = 60 \text{ r}$$

$$= \frac{Ht}{Tp}$$

$$= \frac{TTR^{4}}{2}$$

$$= \frac{TTR^{4}}{2}$$

$$\mathcal{C}_{\text{max}} = \frac{2 \text{ Hz}}{\pi R^3}$$

$$R = \frac{R_{e} + R_{i}}{2}$$

$$S = R_{e} - R_{i}$$

$$T_{p} = \pi \frac{R_{e}^{4} - R_{i}^{2}}{2} - 2\pi R^{3}s$$

$$R_{e}^{4} - R_{i}^{4} = (R_{e}^{2} + R_{i}^{2})(R_{e}^{2} - R_{i}^{2})$$

$$R_{e}^{4} - R_{i}^{4} = (R_{e}^{2} + R_{i}^{2})(R_{e}^{2} - R_{i}^{2})$$

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$$R_{e}^{4} - R_{i}^{4} = (R_{e}^{4} - R_{i}^{2})($$

$$\mathcal{E}(r) = G \oplus r$$

$$= \frac{H_{t}}{T_{p}}$$

$$= \frac{2H_{t}}{T_{p}} \Gamma$$

$$H_{t} = \int (\mathcal{E}_{zy} x - \mathcal{E}_{zy} y) dA$$

$$= G \oplus \int (\mathcal{A}^{2} + y^{2}) dA = G \oplus T_{p}$$

$$\mathcal{E}(r) = G \oplus r$$

$$= \frac{H_{t}}{T_{p}} \Gamma$$

$$= \frac{2H_{t}}{T_{p}} \Gamma$$

$$= \frac{2H_{t}}{T_{p$$

$$c_{xx} = -G \Theta y \quad c_{xy} = 6\Theta x$$

$$c_{max} = \frac{2 H_b}{\pi R^3}$$