

$$X_{io} = 2 \int \frac{M_0 M}{E_{I}} I = \frac{1.4 L^2}{3} L = \frac{414 L^3}{180 E_{I}}$$

$$+ \frac{4}{3} \frac{4 L^2}{4 L} \cdot L + \frac{4}{5} \frac{4 L^2}{6} L = \frac{414 L^3}{180 E_{I}}$$

$$X_{ii} = 7 \frac{111}{111} L + \frac{1111}{3 (E_{I})_{s}} L = \frac{414 L^3}{180 E_{I}}$$

$$\Rightarrow M_c = -\frac{X_{io}}{X_{ii}} = -\frac{414 L^2}{180 E_{I}} \cdot \frac{6E_{I}}{L^3} = -\frac{414 L^3}{150}$$

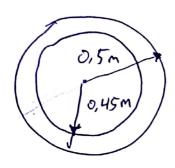
$$\Rightarrow M_c = -\frac{X_{io}}{X_{ii}} = -\frac{414 L^2}{180 E_{I}} \cdot \frac{6E_{I}}{L^3} = -\frac{414 L^3}{150}$$

$$\Rightarrow M_c = -\frac{X_{io}}{X_{ii}} = -\frac{414 L^2}{180 E_{I}} \cdot \frac{6E_{I}}{L^3} = -\frac{414 L^3}{150} \cdot \frac{414 L^3}{L^3}$$

$$\Rightarrow M_c = -\frac{X_{io}}{X_{ii}} = -\frac{414 L^3}{180 E_{I}} \cdot \frac{414 L^3}{L^3} \cdot \frac{6E_{I}}{L^3} = -\frac{414 L^3}{150} \cdot \frac{414 L^3}{L^3} \cdot \frac{6E_{I}}{L^3} = -\frac{414 L^3}{150} \cdot \frac{144 L^3}{L^3} \cdot \frac{6E_{I}}{L^3} = -\frac{414 L^3}{L^3} \cdot \frac{144 L^3}{L^$$

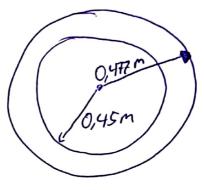
## Tyerranit:

Horisontal bielke



2 ET

Vertikal bjelke 2.



EI

Ved formel for sirkulart tværrsnit farvi

$$I_{2} = \frac{\pi}{4} \left( 477^{4} - 450^{4} \right) = 8453394246$$

$$I_1 = \frac{\pi}{4} (500^4 - 450^4) = 16881151770$$

Ved à ha Samme E=21016 Pa for trersit 10g2

at det i endene Boy a plan. Dette for Il monadet ? E blir mindre 3 BE of Ed or vendelly shv. (EI), got not to # (EI), > (EI), og of Pe der andre siden us/ momentet : E minhe hus DM vil vore toorstant.

AM vindre MB = stone ME. Som issur for til at monent? E other. Oethe Gres til to moment ? B og C blir mindre og at AB og CD or HARormet verdelig str. (EI), got not O wil let si at (EI), sight (EI),