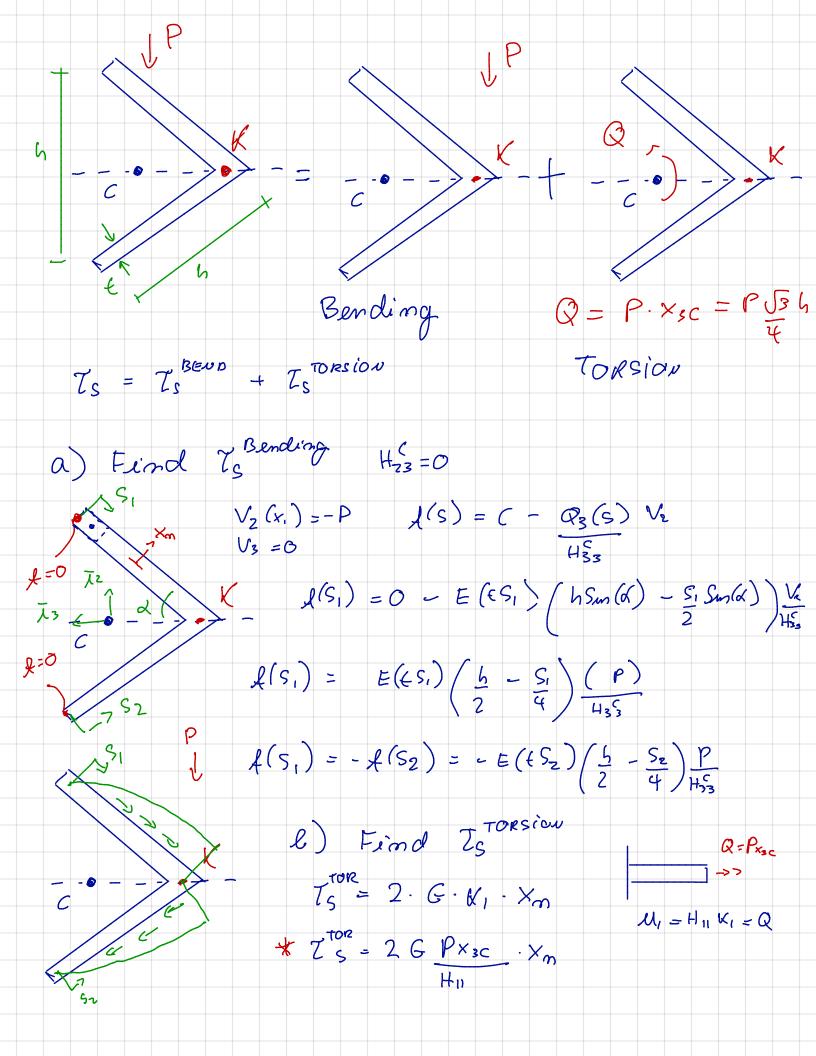


- 1) Fund Is & Is, max
- 2) Find o, & O, mase
- 3) Compore shere



$$T_{s}(S_{1}, X_{m}) = ES_{1}\left(\frac{L}{2} - \frac{S_{1}}{4}\right) \frac{P}{H_{s}^{2}} - 2G\frac{P_{xsc} \times m}{H_{11}}$$

$$lor \quad 0 \geq S_{1} \geq h \quad d \quad -t/2 \geq X_{m} \geq t/2$$

$$T(S_{2}, X_{m}) = -ES_{2}\left(\frac{h}{2} - \frac{S_{2}}{4}\right) \frac{P}{H_{s}^{2}} - 2G\frac{P_{xsc} \times m}{H_{11}}$$

$$lor \quad 0 \geq S_{1} \geq h \quad d \quad -t/2 \geq X_{m} \geq t/2$$

$$lor \quad 0 \geq S_{2} \geq h \quad d \quad -t/2 \geq X_{m} \geq t/2$$

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$$lor \quad 0 \geq l$$

Find O, & O, max H23 = 0 , ll2 = 0 O1 = - E 1/3 ×2
H\$3 113 = -P(L-x1) \star $\sigma_1 = \frac{E}{H_{33}^2} P(L - \times_1) \times_2$ 0,,mox = EPL h H33 2 c) Scole Es, mos 4 O, max $\frac{1}{8} \frac{1}{4} \frac{1}{1} \frac{1}$ € < Ch - Thin wall 4 CCL - Slander Oi, mox ~ PL & - L. &
Ts, mox h * It is possible for loth stresses to be of the some order! -> Neither Dominates!