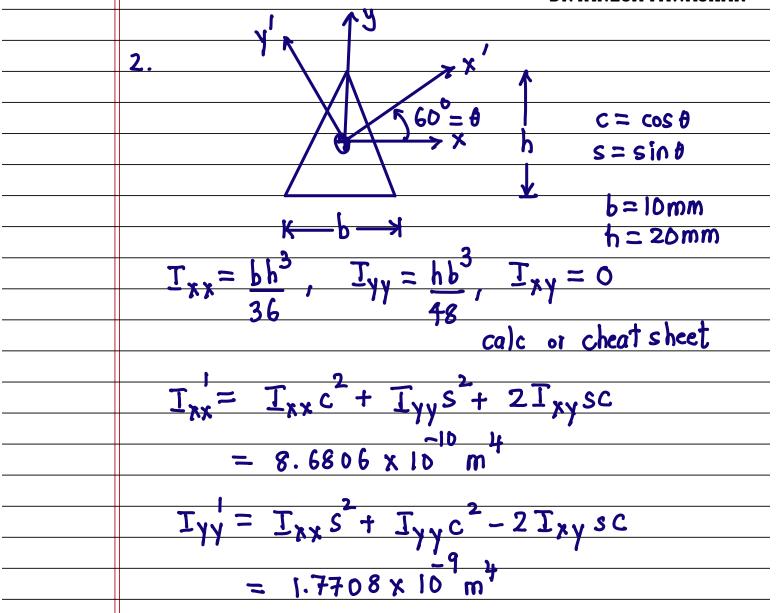


| DN | YA N | ESH | PAW | ASKAR |
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| | DNYANESH PAWASKAR |
|-----------------|--|
| | L |
| | = 1 (M, 3M, 9x + 1 (M2 3M2 94 |
| | EI J OP EI J OP |
| | 0 L _ 0 |
| | +1 (T2 3/2 dy |
| | GT J OP |
| | 0 |
| | |
| | $= \frac{1}{1} \left(\frac{1}{1} \frac{1}{1}$ |
| | EIJ EIJ GJJ |
| | 0 0 |
| | 3 3 |
| | = 2 PL PL re-confirm this 3 ET GT with "deflection method" |
| | 3 EI GJ with "deflection method" |
| | |
| | U ₁ , U ₂ → internal moments/ → applied torques force |
| | torques torce |
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$$I_{xy} = (I_{yy} - I_{xx}) sc + I_{xy} (c^2 - s^2)$$

= -7.8183 x 10 m

Eqn of NL in
$$x-y'$$
 system
$$Ax' + By' = 0$$

DNYANESH PAWASKAR

| | DN IANESH PAWASKAK |
|------------------|--|
| | \sim 1 \sim 1 \sim 1 |
| | $A = -M_{y} T_{xx} + M_{x} T_{xy}$ |
| | |
| | $\frac{T_{XX}T_{YY}-T_{XY}^{2}}{T_{XX}}$ |
| | |
| | $\frac{Y_{-}}{T_{-}} = \frac{2}{A}$ |
| | $T_{xx}T_{yy_q}-T_{xy}=\Delta$ |
| | $= -8.4437 \times 10^{-9}$ |
| | |
| | $B = M_X T_{yy} - M_Y T_{xy}$ |
| | |
| | <u> </u> |
| | = 1.9125 × 10 |
| | = 1.4125 × 10 |
| | |
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3,
$$y = \frac{b}{2hx}$$
 $y = \frac{2hx}{b}$
 $y = \frac{2hx}{b}$

Approx Prandtl skess function

 $y = \frac{2hx}{b}$
 $y =$

| DNIVA | NESH | $D\Lambda \Lambda \Lambda \Lambda$ | CVAD |
|---------|----------|------------------------------------|-------|
| IJINITA | 111 5.55 | PAVVA | JN AR |

| $\frac{2.5 \cdot 1^2 \cdot 12}{112} \cdot 14$ |
|---|
| $= K^{2} h^{5} (3b^{2} + 4h^{2}) - Kbh^{4} d$ |
| 90 Gb 15 |
| |
| $\frac{3\Pi-0}{2} \Rightarrow K = \frac{36}{36} \times \frac{G}{4}$ |
| $\frac{2\Pi - 0 \Rightarrow K = 3b^2 AG}{b(3b^2 + 4b^2)}$ |
| |

$$T = 2 \int \varphi \, dx \, dy = \frac{b^3 \, b^3 \, dG}{5(3b^2 + 4b^2)}$$

check for
$$h = \frac{b\sqrt{3}}{2}$$

$$\frac{T_{\text{equilakral }}\Delta = \frac{Gdh^4}{15\sqrt{3}}$$

| DIIVA | NESH | DATATA | CVAD |
|---------|--------|--------|------|
| IJIN KA | 17.5.5 | PAWA | SKAK |

| T- 2 (m w u |
|---|
| T= 2 (pdxdy |
| |
| $= 2 \left(\frac{dx}{\varphi_1} \frac{dy}{dy} + 2 \frac{dx}{\varphi_2} \frac{\varphi_2}{dy} \right)$ |
| - 2 dx \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
| -p -t |
| 11 |
| $= 4 a^3 b G d$ |
| 3 |
| \Rightarrow $K_L = 4 a^3 b G$ |
| 3 |
| |