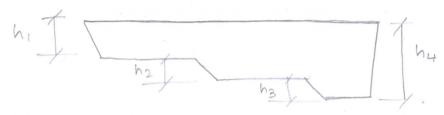
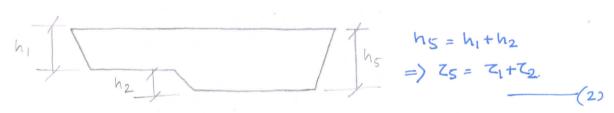


Uniform tuck ness t.



Section YY



Torque T= 2h1 x3A + 2h2 x2A + 2h3A.

$$= 2 (3h_1 + 2h_2 + h_3) A = 2 (37_1 + 27_2 + 37_3) At.$$

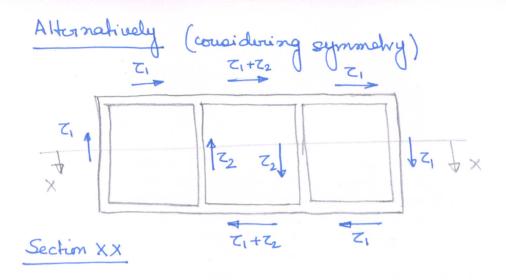
$$3a7_1 - a7_2 = 260a^2 \Rightarrow 37_1 - 7_2 = 260a - (4)$$

$$7_2a + 2(\tau_1 + \tau_2)a - 7_3a = 260a^2 \Rightarrow 2\tau_1 + 3\tau_2 - \tau_3 = 260a - (5)$$

$$7_3a + 3(7_1+7_2+7_3)a = 260a^2 = > 37_1 + 37_2 + 47_3 = 260a - 6)$$

Solving Egns. (4), (5) & (6) we get.

7 = 60a 7.



$$T = 2(3Ah_1 + Ah_2) = 2(3h_1 + h_2)A = 2(3t_1 + t_2)At_{(1)}$$

$$37_1a - 7_2a = 260a^2 \Rightarrow 37_1 - 7_2 = 260a - (2)$$

$$27_2\alpha + 2(z_1+z_2)\alpha = 260\alpha^2 = 27_1 + 47_2 = 260\alpha - 3$$

$$T_1 = \frac{5}{7} 60a$$
 and $T_2 = 60a$

Substituting tu values of $z_1 \ 2 \ z_2$ in Eqn. (i), T can be obtained as. T = 2 At (15 + 1) (6)

$$T = 2At \left(\frac{15}{7} + \frac{1}{7}\right) 60a = \frac{260 2 t \cdot 16}{7} = \frac{3260 2 t}{7}$$