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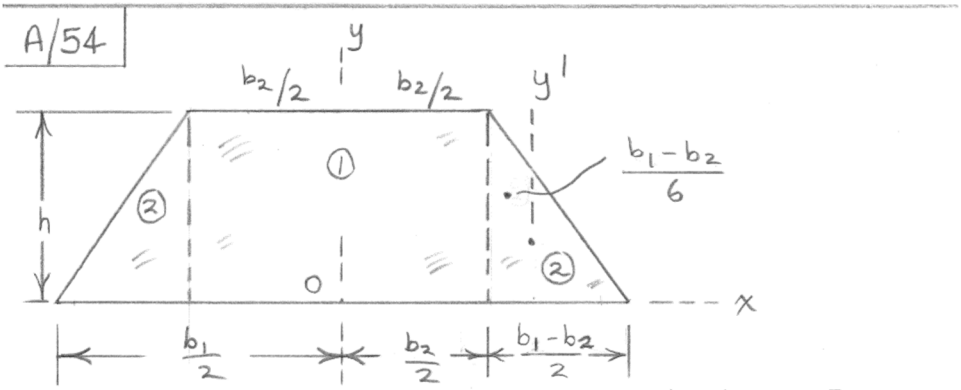

$$I_x = I_{x_1} + 2I_{x_2} = \frac{1}{3}b_2h^3 + 2\left[\frac{1}{12}\frac{b_1-b_2}{2}h^3\right]$$

$$= \underline{h^3\left(\frac{b_1}{12}+\frac{b_2}{4}\right)}$$

$$I_y = I_{y_1} + 2I_{y_2}$$

$$= \frac{1}{12}hb_2^3 + 2\left[\frac{1}{36}h\left(\frac{b_1-b_2}{2}\right)^3 + \frac{1}{2}h\left(\frac{b_1-b_2}{2}\right)\left(\frac{b_2}{2}+\frac{b_1-b_2}{6}\right)^2\right]$$

$$\vdots$$

$$= \underline{\frac{h}{48}\left(b_1^3 + b_1^2b_2 + b_1b_2^2 + b_2^3\right)}$$