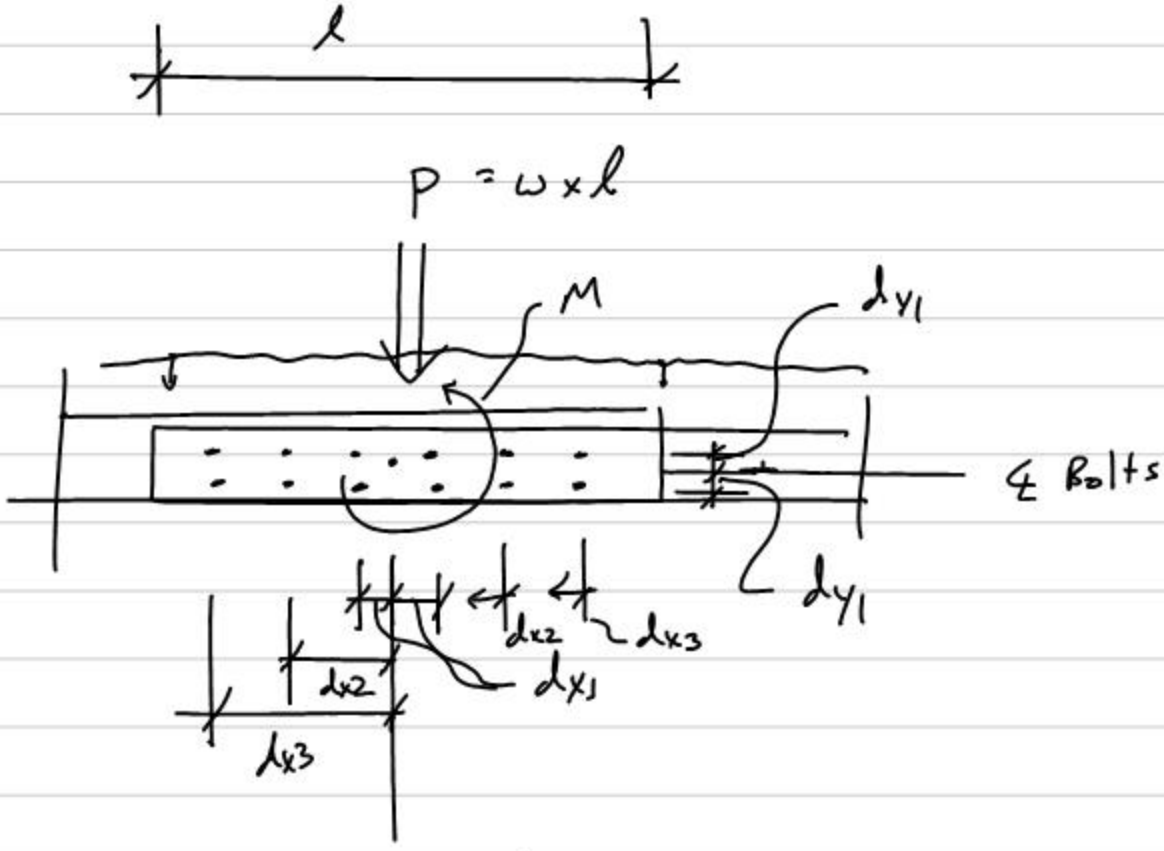


distance to bolt

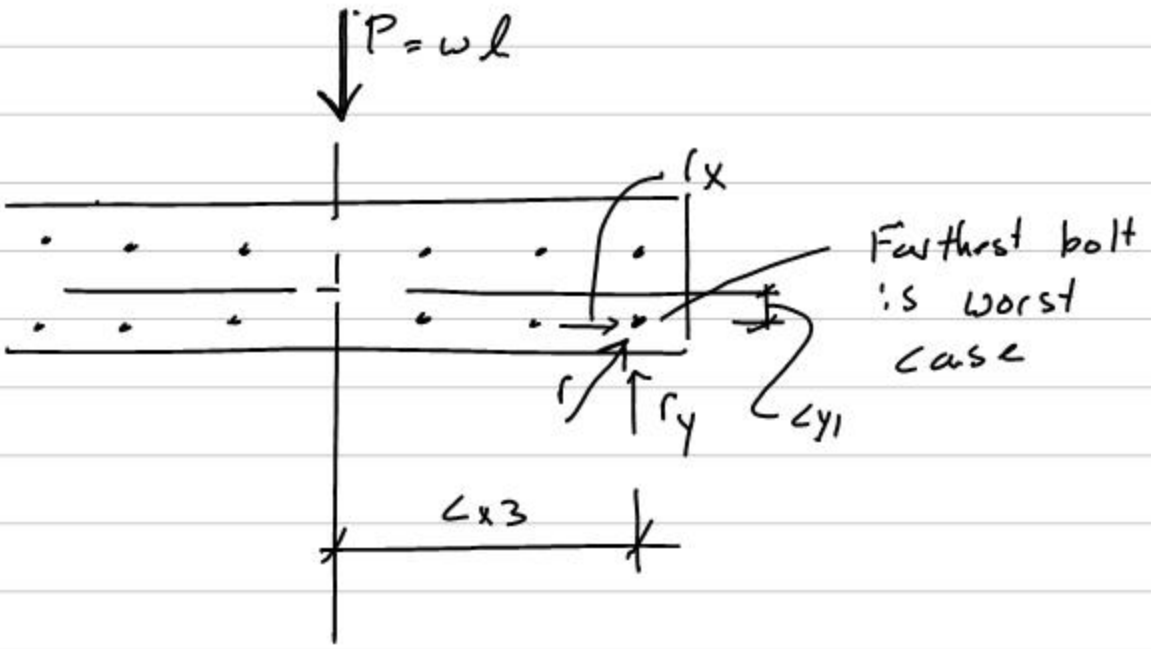
$$\sigma = \frac{Mc}{I} \Rightarrow F = \frac{Mc}{I_p}$$

$$I_p = I_x + I_y$$

$$I_x = \Sigma A d_i^2 = 2d_{x1}^2 + 2d_{x2}^2 + 2d_{x3}^2$$

(all "A's" are equall)

$$I_y = \Sigma d_{yi}^2 = 2d_{1.}^2$$



$$r_{my} = \frac{M \times c_{x3}}{I_p}$$

$$r_{py} = \frac{P}{n}$$ ← # of bolts

$$r_{mx} = \frac{M \times c_{y1}}{I_p}$$

$$r = \sqrt{(r_{my} + r_{py})^2 + r_{mx}^2}$$