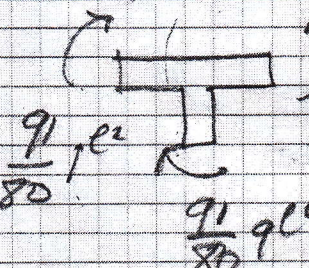


$$= -\frac{819 + 1365}{480} q l^2 = \frac{546}{480} q l^2 = \frac{273}{240} = \frac{91}{80} q l^2$$

$$Z_{M_3} = \left(\frac{91}{80} \cdot 2 - \frac{91}{40} \right) q l^2 = 0 \quad (3)$$


$$M_0 = -\frac{91}{80} q l^2 + \frac{3}{16} q l^2 = \left(-\frac{91}{80} + \frac{15}{80} \right) q l^2 = -\frac{76}{80} q l^2 =$$

$$= -\frac{38}{40} q l^2 = -\frac{19}{20} q l^2$$

