



$$W = 3.70 \text{ m} = 3.70 \text{ gr}$$

$$UP = 3.70 / 2 = 1.85 \text{ m}$$

$$M_1 = 7.50 \text{ gr} \cdot (3.70) = 2775 \text{ gr} \cdot \text{m}$$

$$M_2 = 3.70 \text{ gr} \cdot (1.85) = 6.845 \text{ gr} \cdot \text{m}$$

$$3459.5 \text{ gr} \cdot \text{m}$$

$$\frac{\sqrt{2(3459.5)}}{400} = \frac{\sqrt{6919}}{400} = \frac{\sqrt{17.2975 \cdot 10^3}}{400} = 4.159$$

$$W_L = 400 \text{ gr} \cdot 4.159 \text{ mts} = 1663.6 \text{ gr}$$

$$UP = 4.159 / 2 = 2.0795 \text{ mts}$$

$$M = 1663.6 \text{ gr} \cdot (2.0795) = 3459.45 \text{ gr} \cdot \text{m}$$

Uber Emmanuel Lopez Polido 