

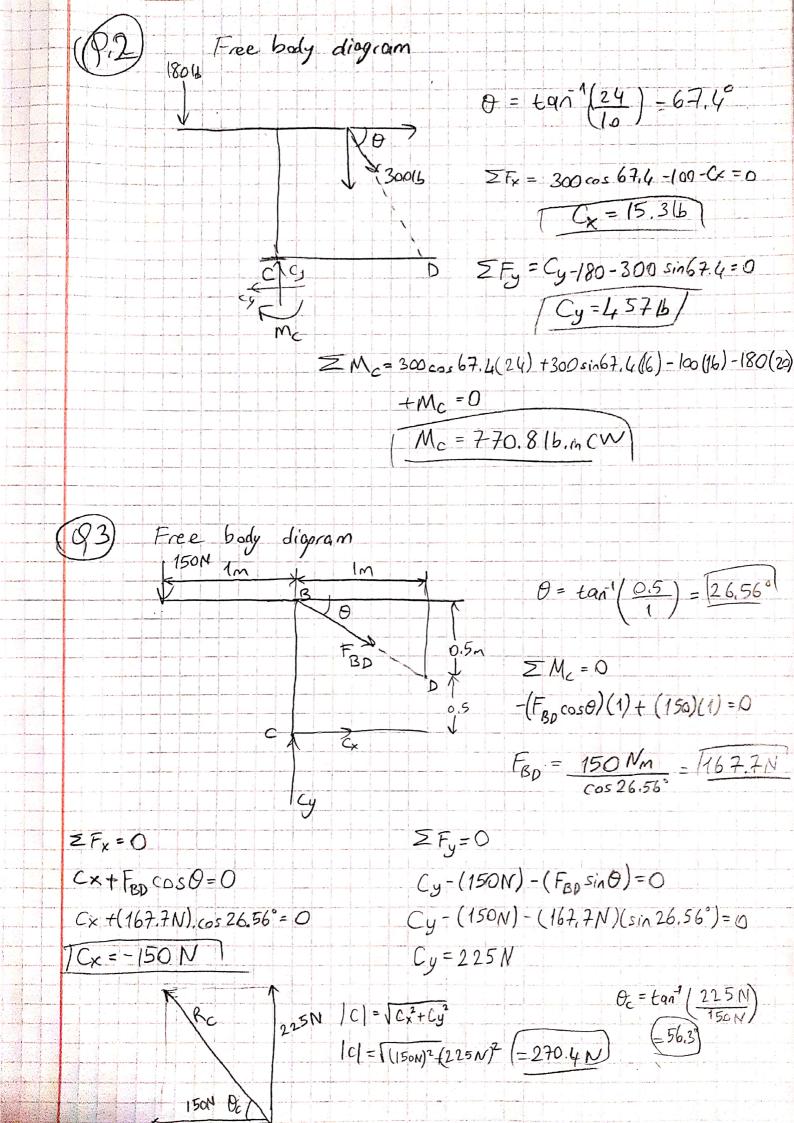
Free body-diagram

$$W_G = m_G g = (65 \text{ kg})(9.81 \text{ m/s}^2) = 637.65 \text{ N}$$

 $W_C = m_C g = (28 \text{ kg})(9.81 \text{ m/s}^2) = 274.68 \text{ N}$

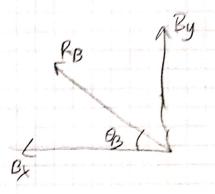
$$Ay = -\frac{1418.92}{1.2} = -\frac{1182.43N}{1.2} = [1.182 kN]$$

$$By = 2984.6 = 2487.2M = 2.49 kN$$



weight of the trave-200 lb a 1.5/c

The readion of B



$$ton O_B = By$$
 Bx