

Review

Wednesday, March 15, 2017 10:20 AM

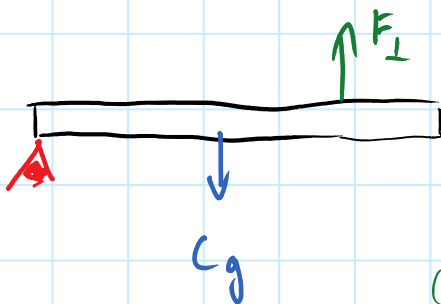
Test next class - 23 marks

5 M.C. - concept, easy calcs

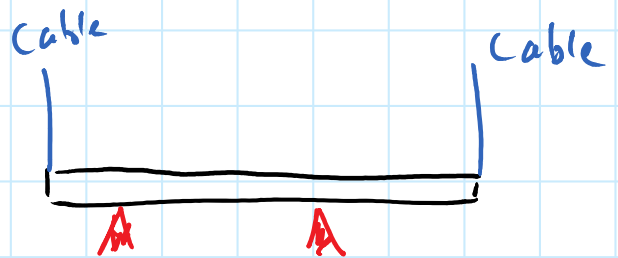
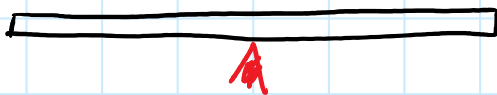
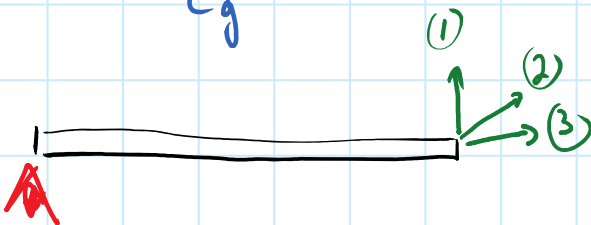
1 static display

4 written problems

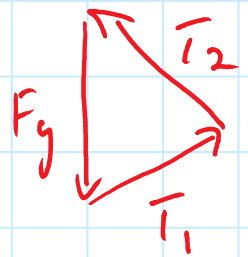
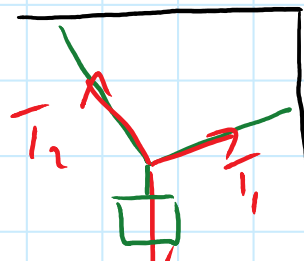
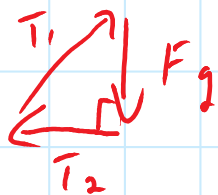
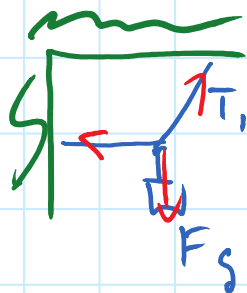
Rotational Equilibrium



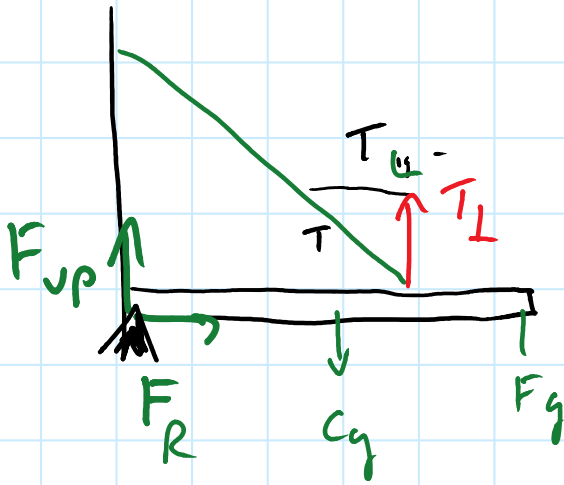
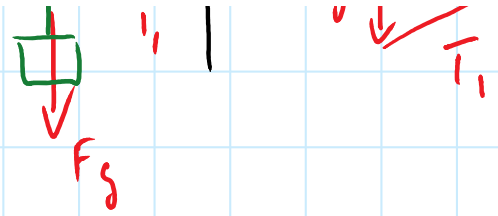
$$\left. \begin{aligned} CW \tau &= CCW \tau \\ F_{\perp}(d_1) &= C_g(d_2) \end{aligned} \right\}$$



Translational $\Sigma F_x = 0$ $\Sigma F_y = 0$



F_g T_2



$$CWT = CWT$$

$$C_g(x_1) + F_g(x_2) = T_{\perp}(x_3)$$

$$\sum F_x = 0 \quad \sum F_y = 0$$

$$F_L = F_R$$

$$F_{up} = F_{down}$$

$$F_R = T_{||}$$

$$T_{\perp} + F_{up} = C_g + F_g$$

