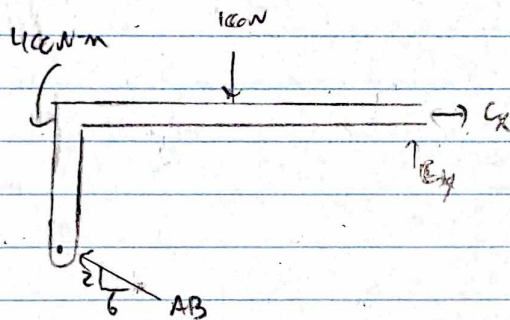
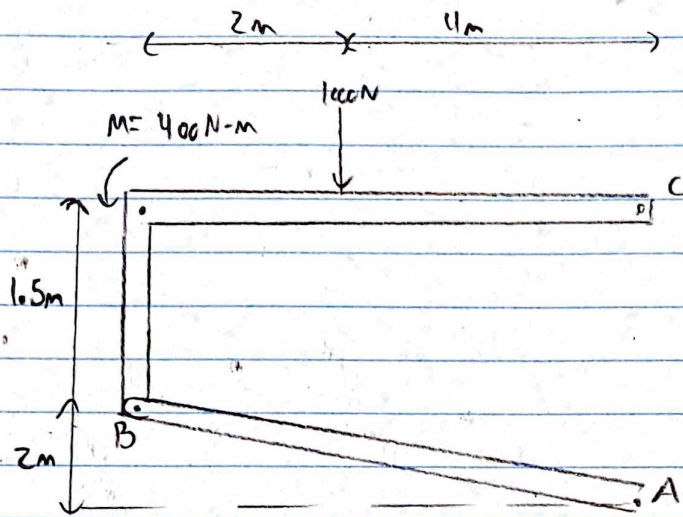


Solution: 21-5-6.6-MK-09



$$\sum M_C = 400 \text{ N-m} + 1000 \text{ N}(4) - AB \left( \frac{6}{\sqrt{40}} \right) (1.5) - AB \left( \frac{2}{\sqrt{40}} \right) (6)$$

$$AB = 1325.14$$

$$\sum F_x = -AB \left( \frac{6}{\sqrt{40}} \right) + C_x \rightarrow C_x = 1257.1 \text{ N}$$

$$\sum F_y = AB \left( \frac{2}{\sqrt{40}} \right) - 1000 + C_y \rightarrow C_y = 580 \text{ N}$$