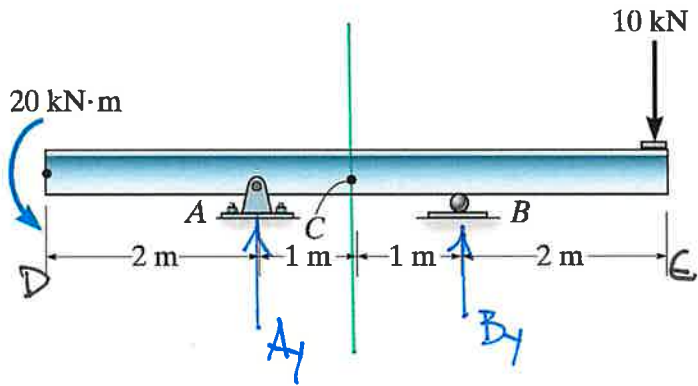


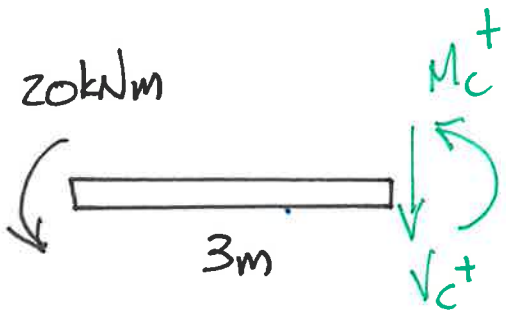
Example 4a-4 - Determine the internal shear and moment at a section passing through point C.



$$\sum M_B = 0 = -10\text{kN}(2\text{m}) + 20\text{kNm} - A_y(2\text{m})$$

$$\underline{A_y = 0}$$

SECTION ACD



$$\sum M_{cut} = 0 = M_c + 20\text{kNm}$$

$$\underline{\underline{M_c = -20\text{kNm}}}$$

$$+\uparrow \sum F_y = 0 = -V_c \quad \underline{\underline{V_c = 0}}$$