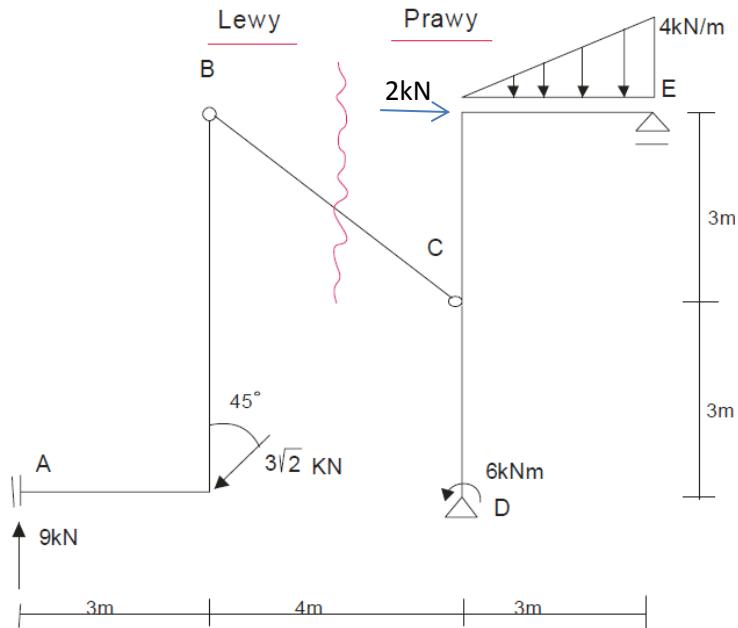


Wyznaczyć reakcje podpór i siłę S w ściągu BC z równań równowagi.



$$\sum y^l = 0 \rightarrow 9 - 3 - 0.6 \cdot s = 0 \rightarrow s = 10$$

$$\sum x^l = 0 \rightarrow H_A - 3 - 0.8 \cdot 10 = 0 \rightarrow H_A = -5$$

$$\sum M^l_A = 0 \rightarrow M_u - 3 \cdot 3 - 6 \cdot 3 - 8 \cdot 6 = 0 \rightarrow M_u = 75$$

$$\sum M^p_D = 0 \rightarrow 6 + 8 \cdot 3 - 2 \cdot 6 - 6 \cdot 2 + 3V_E = 0 \rightarrow V_E = -2$$

$$\sum x^p = 0 \rightarrow H_D - 8 + 2 = 0 \rightarrow H_D = 6$$

$$\sum y^p = 0 \rightarrow V_D + 6 - 6 - 2 = 0 \rightarrow V_D = 2$$