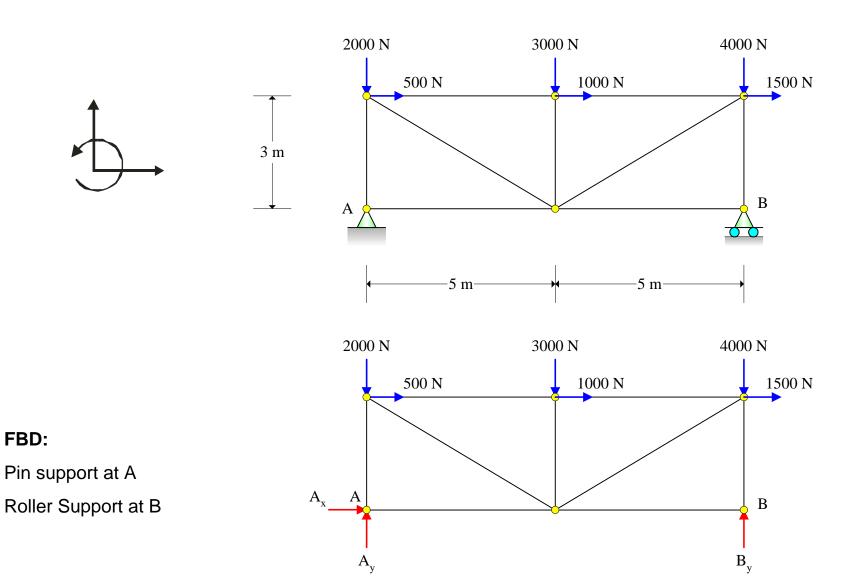
Example 3.8

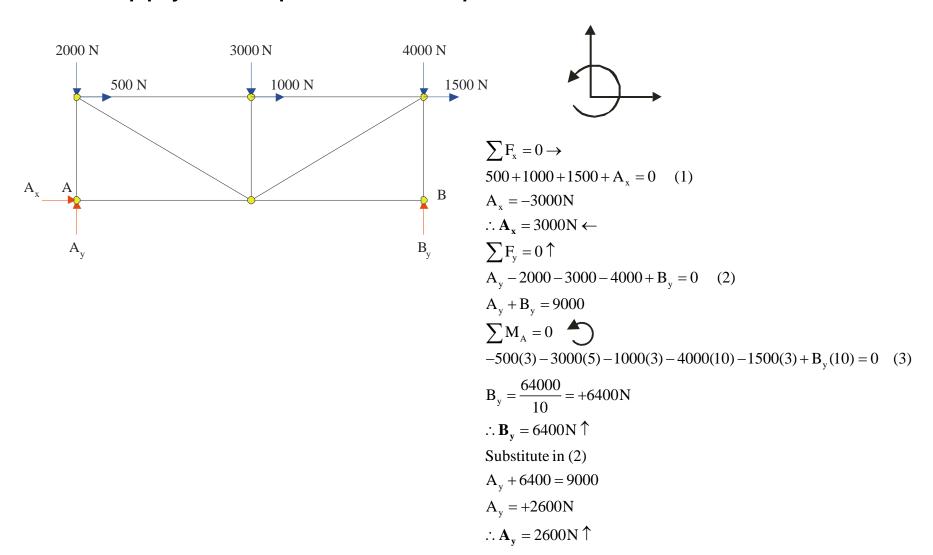
J. Frye

Example 3.8:

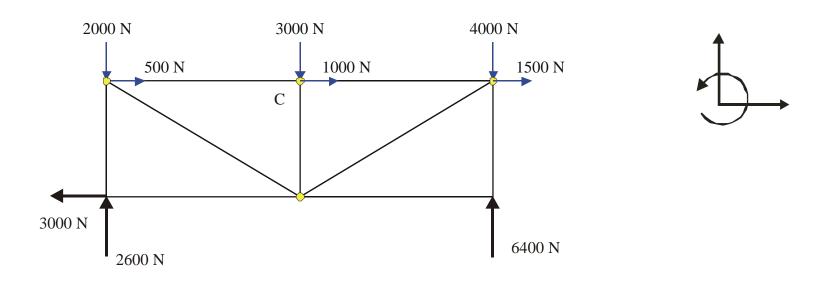
For the truss shown, determine the reactions at supports A and B.



We apply the equations of equilibrium to the FBD



As a check, we take moments about a different point in the FBD: (let us choose Point C)



$$\sum M_{\rm C} = 0$$

$$-2600(5) - 3000(3) + 2000(5) - 4000(5) + 6400(5) = 0$$

$$0 = 0 \quad \text{Checks!!!!!}$$