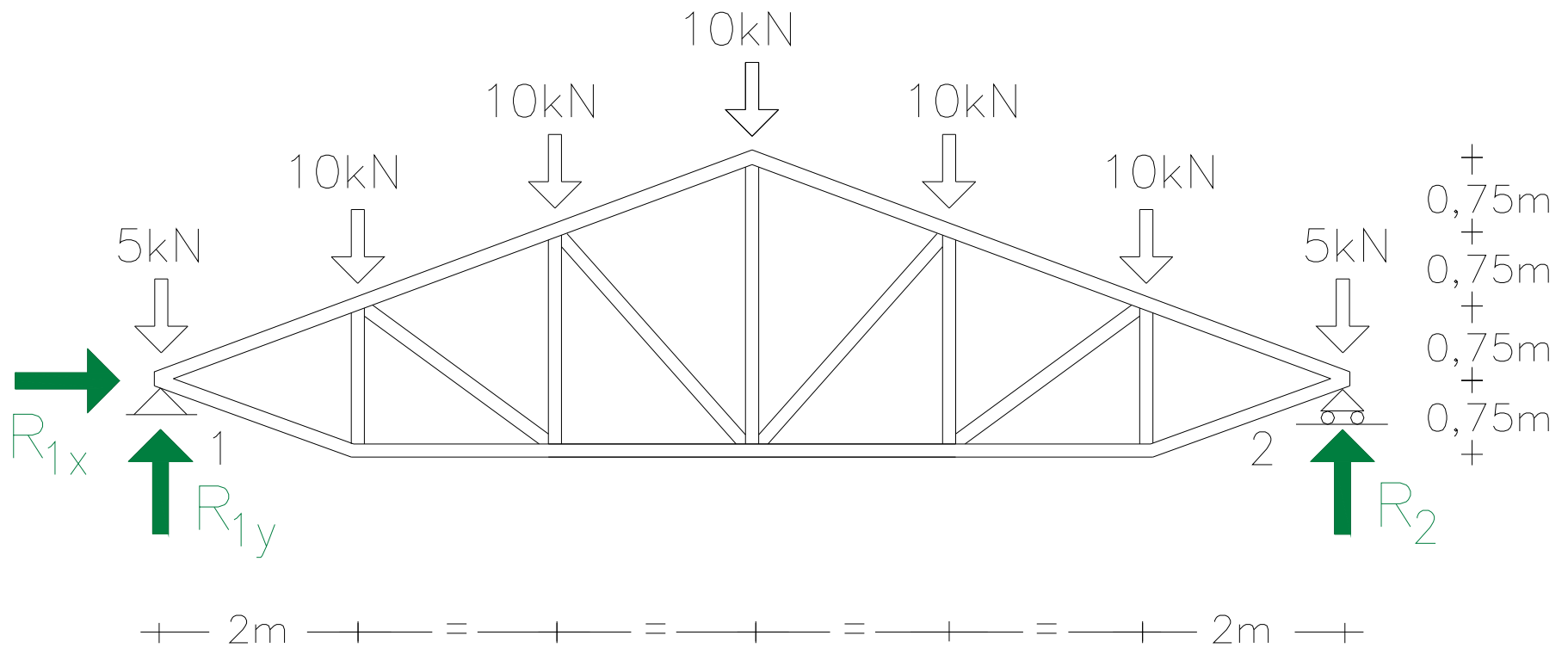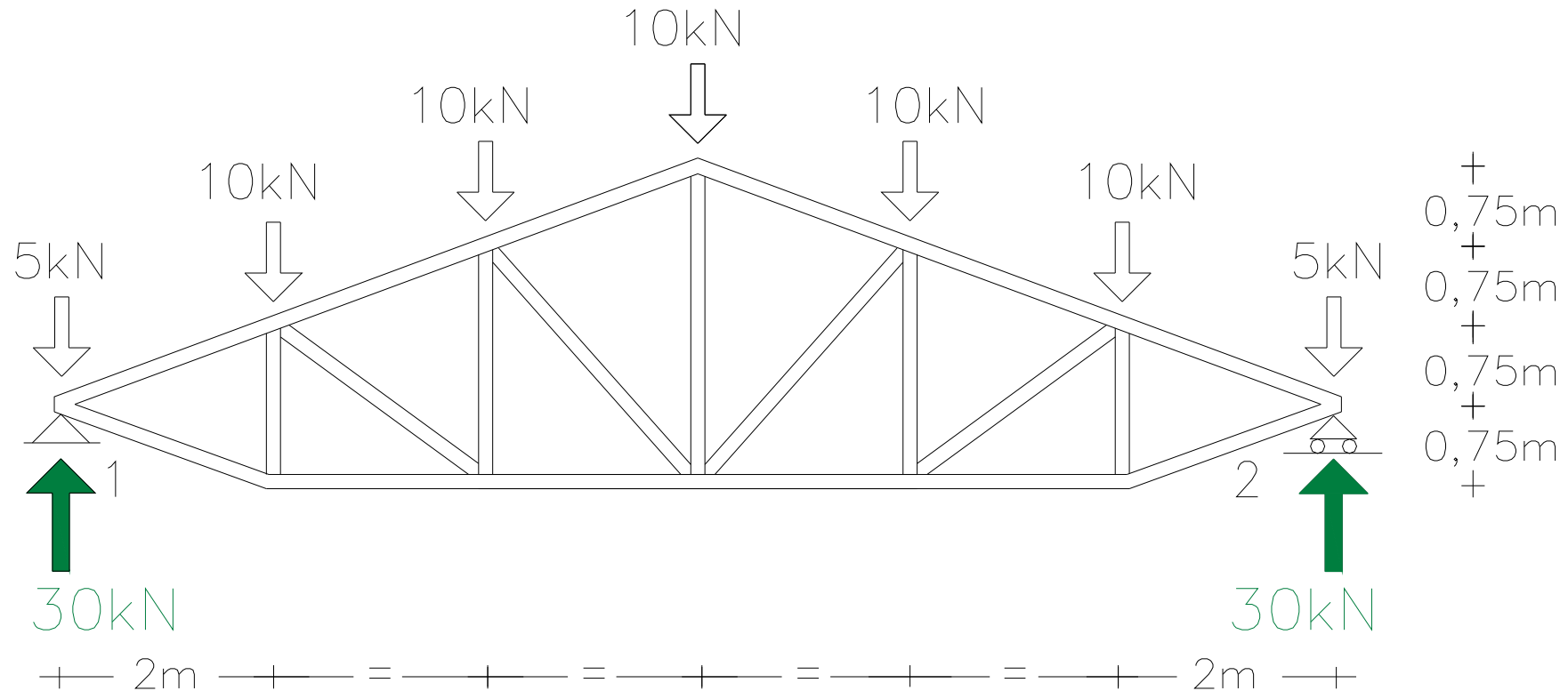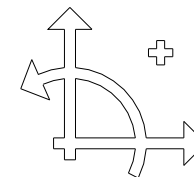# 2nd solution

'external' forces equilibrium:
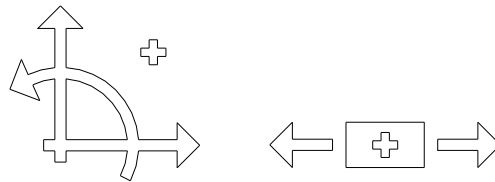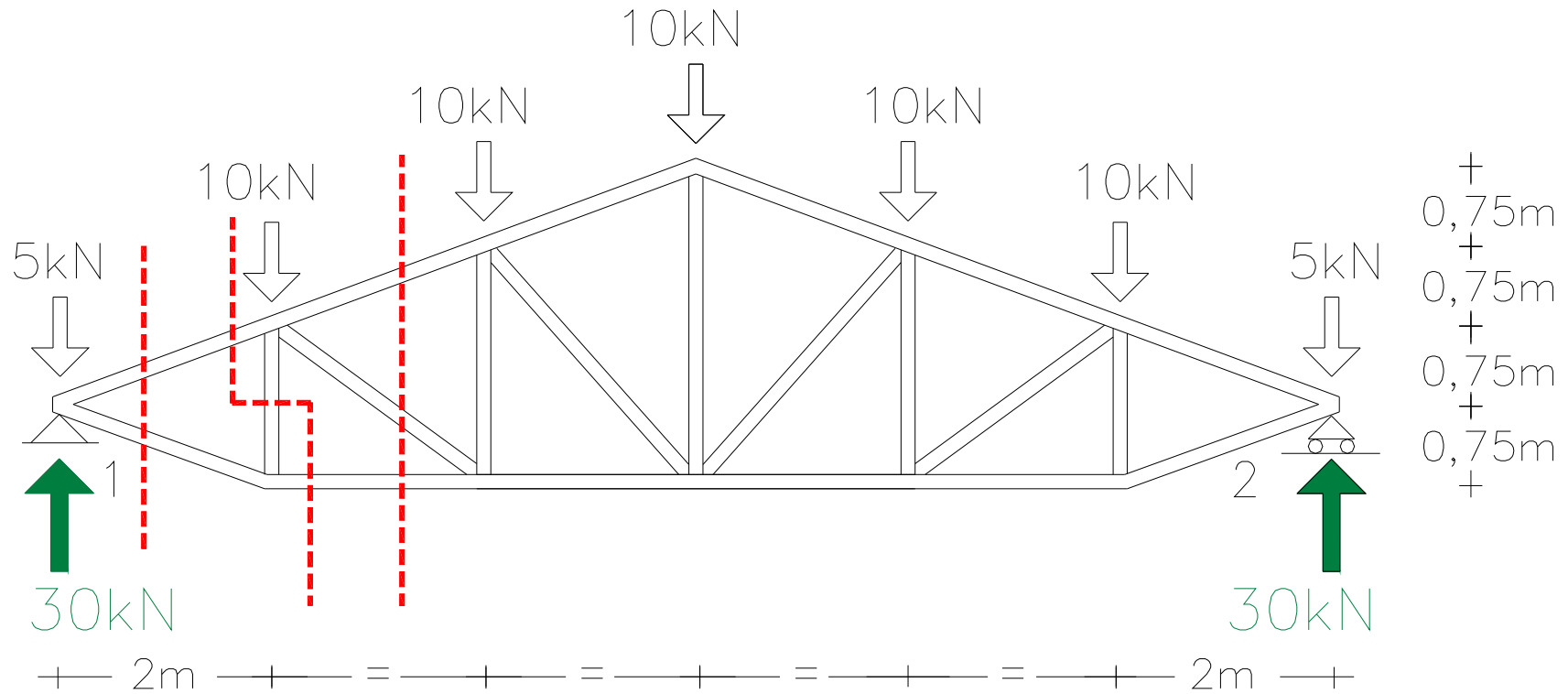## applied forces → reaction forces

$$R_{1x} = 0$$

$$R_{1y} = 30\text{kN}$$

$$R_2 = 30\text{kN}$$

'internal' equilibrium → axial forces

2nd solution: axial forces in bars

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