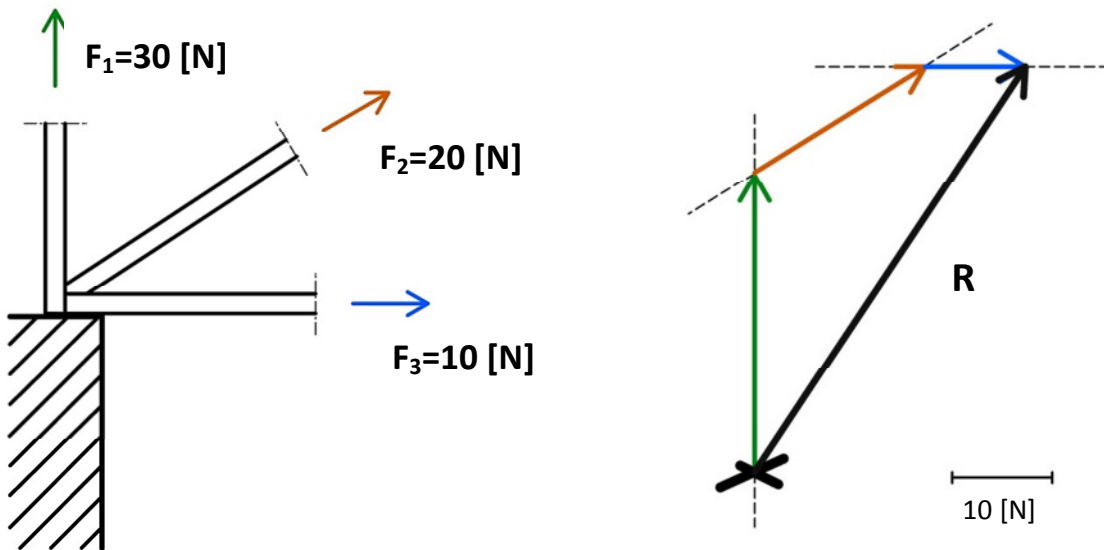
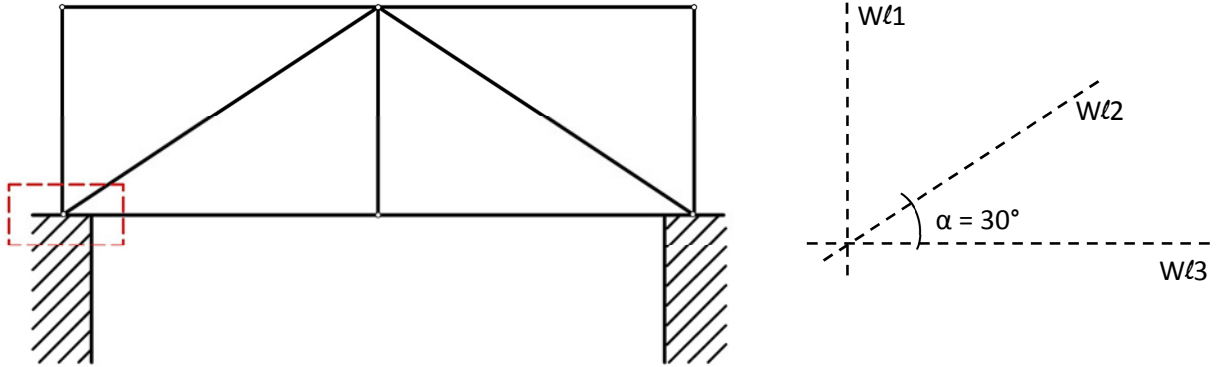


Beispiel: Fachwerkkonstruktion



Wie groß ist die Resultierende?

- a) $F_1 = -30$ [N]
 $F_2 = 20$ [N]
 $F_3 = -10$ [N]
 $\alpha = 10^\circ$
 $\beta = 60^\circ$
 $\gamma = 90^\circ$

- b) $F_1 = 300$ [N]
 $F_2 = 600$ [N]
 $F_3 = -450$ [N]
 $\alpha = 5^\circ$
 $\beta = 70^\circ$
 $\gamma = 90^\circ$

- c) $F_1 = -5$ [N]
 $F_2 = 3$ [N]
 $F_3 = -1$ [N]
 $\alpha = 20^\circ$
 $\beta = 70^\circ$
 $\gamma = 90^\circ$

