

[Remarks:](#) See § 2.2 page 33 till 34

[Hint:](#)

You can use the results you found in exercise 2.25

[Answers:](#)

$$R_{x;B} = -10 \text{ kN} ; R_{y;B} = +5 \text{ kN} ; R_{z;B} = -2 \text{ kN}$$

$$R = 11,36 \text{ kN}$$

$$\alpha_x = 151,7^\circ ; \alpha_y = 63,9^\circ ; \alpha_z = 100,1^\circ$$